

CRANE DEALER PRICE SERVICE

No. 614—TS

(Temporary Supplement)

Revised DECEMBER, 1947

PLUMBING & HEATING

This December, 1947 edition of the Crane No. 614 TS Temporary Supplement shows another step forward in Crane Co.'s rapidly developing line of post-war plumbing and heating equipment. Considerably larger than the February, 1947 edition which it supersedes, it covers the complete line of plumbing and heating products now being produced in Crane factories. Included are new accessory items as well as valves, valves and fittings available from Crane Branches and Wholesalers.

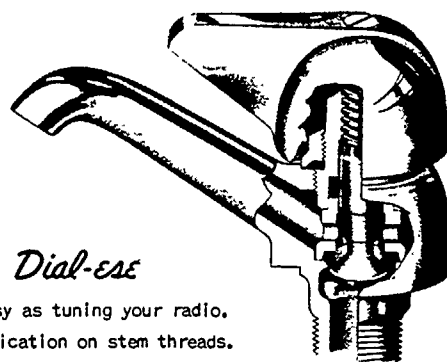
NOTICE: List prices are shown for convenience in determining Dealers' costs; they are not to be construed to be resale prices. All prices are subject to change without notice.

INDEX.

	PAGE		PAGE
BATHS	10,11	PIPE, SOIL	77,78
BATHROOM ACCESSORIES	27,28,29	PIPE, ORANGEBURG	78
BATHROOM CABINETS	30	PLUMBING BRASS	47,48,49,50,51
BRASS VALVES, STOPS, FAUCETS	73,74	PUMPS AND	
BOILERS	60,61,62,63,64,65	WATER SYSTEMS	52,53,54,55,56
CIRCULATING BOILER FITTINGS	72	RADIATORS	66
CLOSETS	16,17,18,19,20,21,23,24	RANGE BOILERS AND STANDS	72
CLOSETS, WALL HUNG	21		
CLOSETS, PRESSURE TANK	24	SHOWER CURTAINS AND RODS	12,13
CLOSET TANKS	24	SHOWER STALLS	12
CLOSET TANK TRIM	25	SHOWERS, TWO-VALVE	13
CLOSET SEATS	26	SHOWERS, MIXING VALVE	14,15
COUPLINGS, SEAMLESS STEEL	75	SHOWERS, THERMOSTATIC	15
		SHOWER HEADS	14
DISHWASHERS	34	SINKS, STAINLESS STEEL	35
DISPOSALL	34	SINKS, SCULLERY	35
DRAINS, FLOOR AND ROOF	79,80	SINKS, SERVICE	47
		SINK AND TUB COMBINATIONS	36
FITTINGS, MALL. AND CAST IRON	75,76	SINKS, KITCHEN	31,32,33
FLANGE UNIONS	76	SINKS, ELECTRIC	34
FLUSH VALVES	25	STOKERS	69
FOUNTAINS	38,39		
FOUNTAINS, FREEZE-PROOF	40	TEMPERATURE AND PRESSURE	
FOUNTAINS, ELECTRIC WATER COOLER	40	RELIEF VALVES	70
FOUNTAIN BUBBLERS	40	THREAD LUBRICANT	74
FURNACES, GRAVITY	67	TRAP STANDARDS	47
INTERCEPTORS	79,80	UNIONS AND UNION FITTINGS	75
		URINALS	41,42,43,44,45,46
LAUNDRY TUBS	37	URINAL TANKS	46
LAVATORIES	3,4,5,6,7,8	URINAL TRIM	46
LAVATORIES, PRISON	9		
		VENTILATING FANS	57
NIPPLES	74		
		WATER FILTERS	59
OIL BURNERS	68	WATER GAUGES	74
		WATER HEATERS	70,71,72
		WATER NEUTRALIZERS	59
		WATER SOFTENERS	58,59

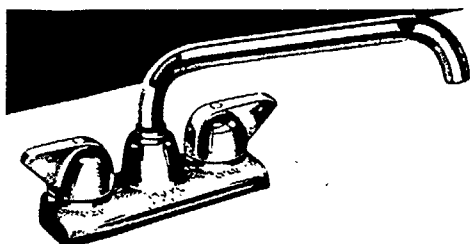
THE NEW CRANE DIAL-ESE CONTROLS

Developed through the war years, Crane is now pleased to offer plumbing fixture supply fittings equipped with *Dial-ese* control units. These units were especially designed to accomplish ease in operation and allow water pressure below seat to aid in closing and keeping the valve tight. Only one standard unit will be produced to fit all new design Crane trim. *Dial-ese* is a feature of *Crestmont* and *Temple* trim.



ADVANTAGES OF *Dial-ese*

- Finger tip operation - easy as tuning your radio.
- Water cannot wash out lubrication on stem threads.
- Locknut prevents unit from turning - keeps packing tight.
- Short stems reduce friction.
- Packing below stem threads prevents corrosion or liming.
- Water pressure below seat aids closing.
- One standard removable unit for Crane Trim.



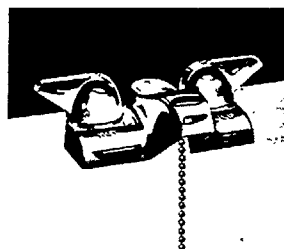
8-79 *Crestmont* deck type sink faucet.



2-303 *Crestmont* bath trim



8-12 1/2 *Crestmont* trim for panel back lavatories.



8-28 *Crestmont* trim for flat top lavatories.

CRESTMONT TRIM

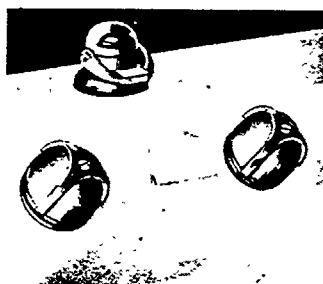
The new *Crestmont* trim is especially designed for convenient central control, combining valves and mixing spout into a compact center set unit. All are furnished with easy opening and closing *Dial-ese* Controls. Handles and cover plates are chromium plated.

TEMPLE TRIM

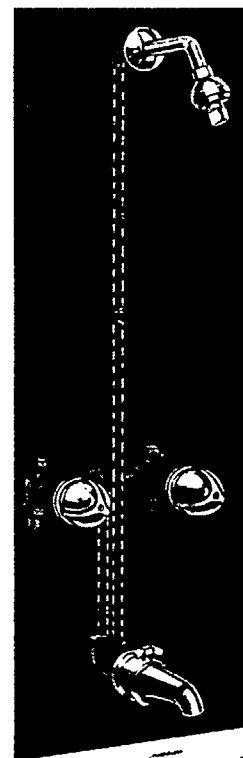
The new *Temple* trim embodies the use of separate valves in combination with mixing spout and the famed quick-draining Lever Action *Securo* waste, featured exclusively for Crane lavatories, or the Crane patented *Accesso* pop-up waste and overflow for baths. Designed to provide modern practical beauty, *Temple* trim is all metal with a sparkling chromium finish. Its dome-shaped handles are easily grasped and there are no sharp or protruding edges to bruise tender hands. The *Dial-ese* Controls assure easy opening or closing.

COLORED WARE

Colored ware is gradually becoming available. For the present, production will be confined to four colors - - 495-A Sun Tan, 415-B Pale Jade, 405-A India Ivory and 500 French Grey. The sizes and types of fixtures that are available in these colors are priced on the fixture pages that follow. Two additional colors, 410-A Citrus Yellow and 427 Sky Blue, will be available soon.

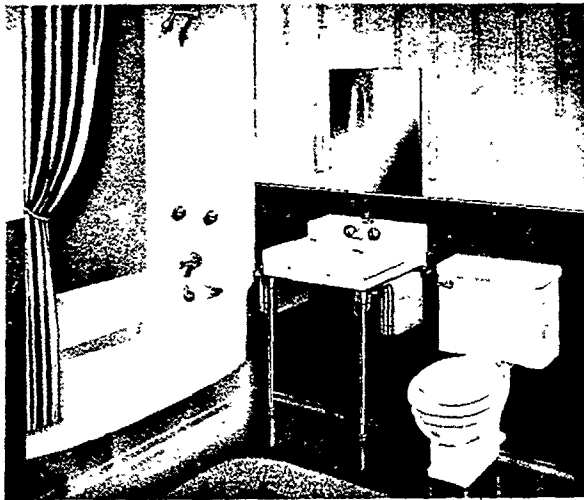


8-9 *Temple* trim for Drexel lavatories



2-320 *Temple* bath trim

The four new bathroom groups illustrated below were especially created to permit selection of a harmonious, matched ensemble for the bathroom. The fixtures in each group were designed to complement one another and present a unified appearance. Selection of any one of these groups will provide maximum comfort, convenience and satisfaction without compromise in quality.



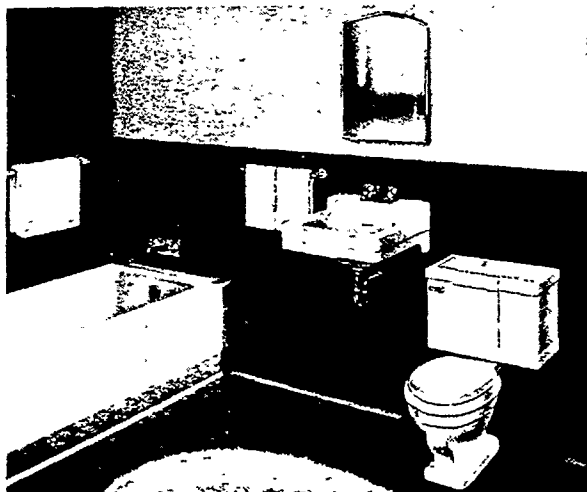
CRANE DREXEL GROUP

Includes: *Drexel* lavatory, page 3.
Criterion bath, page 10.
Drexel closet, page 16.



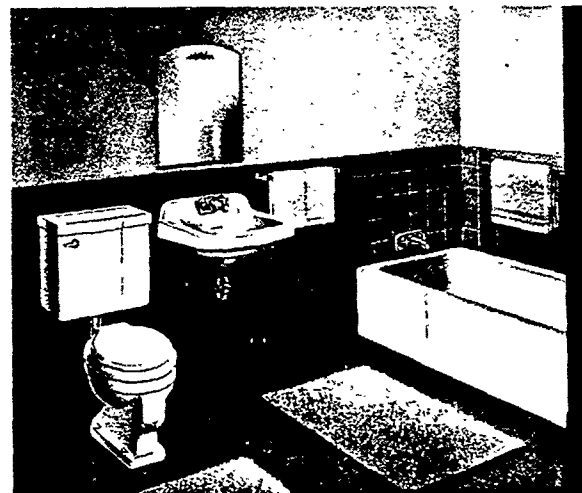
CRANE OXFORD GROUP

Includes: *Oxford* lavatory, page 4.
Oxford bath, page 11.
Oxford closet, page 16.



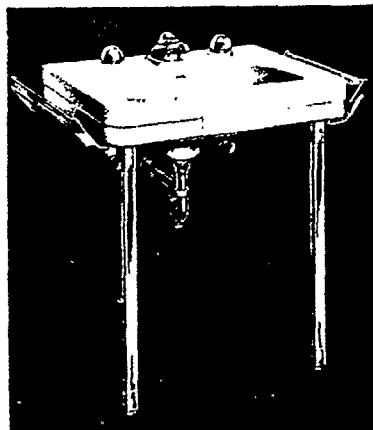
CRANE YORKSHIRE GROUP

Includes: *Yorkshire* lavatory, page 6.
Neuday bath, page 10.
Neuday closet, page 17.



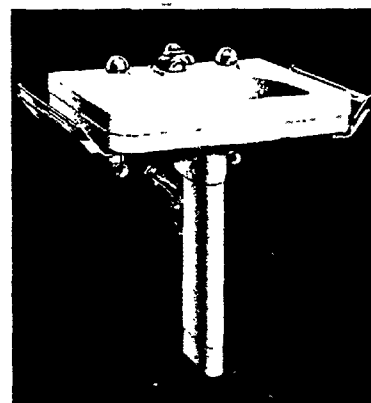
CRANE OXLEE GROUP

Includes: *Oxlee* lavatory, page 7.
Neuday bath, page 10.
Neu Era closet, page 17.



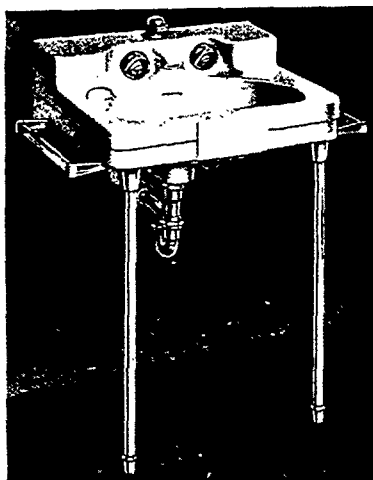
1-100

DIANA 1-100
24 x 20" and 27 x 21"
Lavatory: *Diana* lavatory with semi-oval basin and splash lip.
Supports: 8-700 *Temple* square legs; 8-760 wall brackets.
Trim: 8-10 *Temple* supply and Lever Action *Securo* waste, *Dial-ease* controls.
Towel Bars: 8-690 *Temple* towel bars.
Trap: 8-401 1½" bent tube "P" trap.



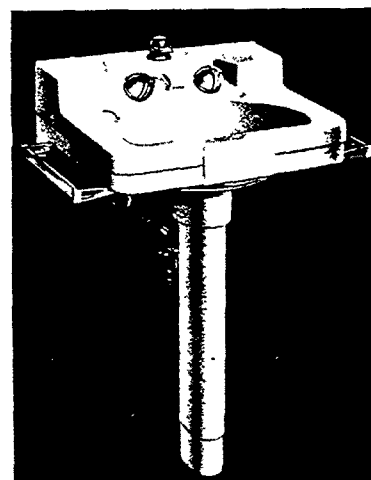
1-103

DIANA 1-103
24 x 20" and 27 x 21"
Lavatory: *Diana* lavatory with semi-oval basin and splash lip.
Supports: Vitreous china pedestal leg; 8-760 wall brackets.
Trim: 8-10 *Temple* supply and Lever Action *Securo* waste, *Dial-ease* controls.
Towel Bars: 8-690 *Temple* towel bars.
Trap: 8-401 1½" bent tube "P" trap.



1-110

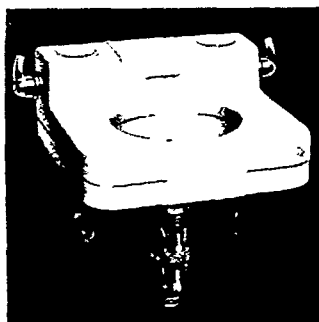
DREXEL 1-110
22 x 18" and 27 x 21"
Lavatory: *Drexel* lavatory with integral spout, beveled panel shelf back, and soap depression.
Supports: 8-705 *Crestmont* hexagon legs; concealed hangers and wall screws.
Trim: 8-9 *Temple* supply and Lever Action *Securo* waste, *Dial-ease* controls.
Towel Bars: 8-695 *Crestmont* towel bars.
Trap: 8-400 1½" bent tube "P" trap.



1-112

DREXEL 1-115
Same as 1-110 except less legs.
DREXEL 1-112
22 x 18" and 27 x 21"
Lavatory: *Drexel* lavatory with integral spout, beveled panel shelf back, and soap depression.
Supports: Vitreous china pedestal leg; concealed hangers and wall screws.
Trim: 8-9 *Temple* supply and Lever Action *Securo* waste, *Dial-ease* controls.

Towel Bars: 8-695 *Crestmont* towel bars.
Trap: 8-400 1½" bent tube "P" trap.



1-118

DREXEL DENTAL 1-118
14 x 14"
Lavatory: *Drexel* dental lavatory with shelf back, 8" dia. basin with integral flushing rim and strainer; concealed hangers.
Trim: FA-7459 integral spout and flushing rim supply fixture with back flow preventer.
Waste: FA-7315 waste fitting.
Trap: 8-401 1½" bent tube "P" trap.
Supplies: ½ x 3/8" angle supplies with wheel handle stops.

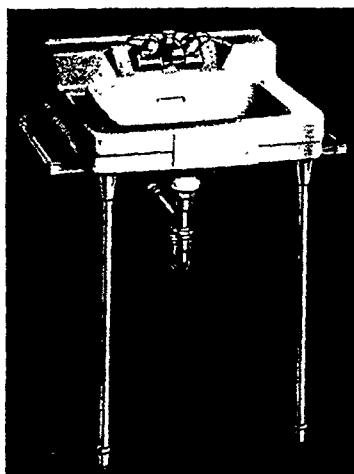
PRICES COMPLETE

Number	Size	Price		Shpg. Wt. Pounds
		White	Color	
1-100	24 x 20"	\$126.00	\$145.70	95
	27 x 21"	142.10	169.80	110
1-103	24 x 20"	116.70	141.90	105
	27 x 21"	132.80	166.00	120
1-110	22 x 18"	95.60	118.70	100
	27 x 21"	110.30	142.20	120
1-112	22 x 18"	91.40	120.60	110
	27 x 21"	106.10	144.10	130
1-115	22 x 18"	81.10	104.20	90
	27 x 21"	95.80	127.70	110
1-118	14 x 14"	*89.70	*104.30	70

Above prices include trap; supply pipes are extra. For supply pipes and other traps see pages 49 and 50.

*These prices include supply pipes with stops as described.

All exposed metal trim on this page is chromium plated.



1-125

OXFORD 1-125

19 x 17" and 20 x 14"

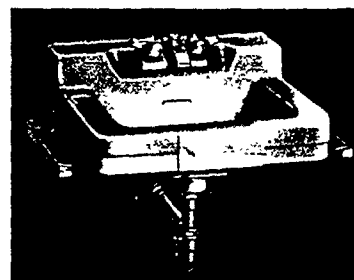
Lavatory: *Oxford* lavatory with beveled panel, shelf back, and soap depression.

Supports: 8-708 *Crestmont* round metal legs; concealed hangers and wall screws.

Trim: 8-12½ *Crestmont* supply and direct lift waste with *Dial-ess* controls, metal lever handles and cover plate.

Towel Bars: 8-695 *Crestmont* 17" towel bars.

Trap: 8-400 1½" bent tube "P" trap.



1-135

OXFORD 1-135

Same as 1-125 except less legs.

OXFORD 1-130

26 x 14"

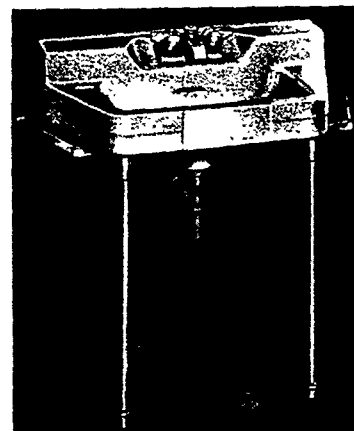
Lavatory: *Oxford* lavatory with beveled panel, shelf back, and soap depression.

Supports: 8-708 *Crestmont* round metal legs; concealed hangers and wall screws.

Trim: 8-12½ *Crestmont* supply and direct lift waste with *Dial-ess* controls, metal lever handles and cover plate.

Towel Bars: 8-695 *Crestmont* 17" towel bars.

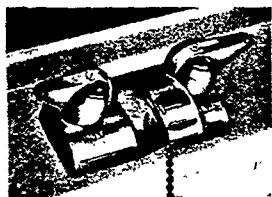
Trap: 8-400 1½" bent tube "P" trap.



1-130

OXFORD 1-140

Same as 1-130 except less legs.



8-19

For *Oxford* lavatories as illustrated above except with 8-19 *Crestmont* trim and 8-350 1½" P.O. Plug, specify as follows:

ON METAL LEGS	1-126, 19 x 17" and 20 x 14";	1-131, 26 x 14"
LESS LEGS	1-136, 19 x 17" and 20 x 14";	1-141, 26 x 14"

OXFORD 1-144

19 x 17"

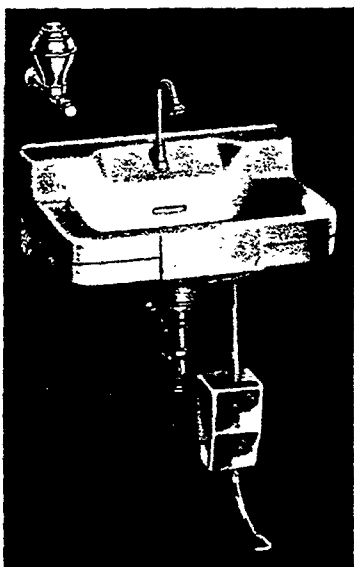
Lavatory: *Oxford* lavatory with beveled panel, shelf back, soap depression, and concealed hangers.

Trim: Gooseneck spout with spray; wall mounted, self-closing pedal action mixing valve with integral stops; 3/8" supply from valve to spout with volume control valve.

Soap Container: Push button liquid soap dispenser with metal container and wall bracket.

Waste: 8-353 1½" P.O. plug with open strainer.

Trap: 8-401 1½" bent tube "P" trap.



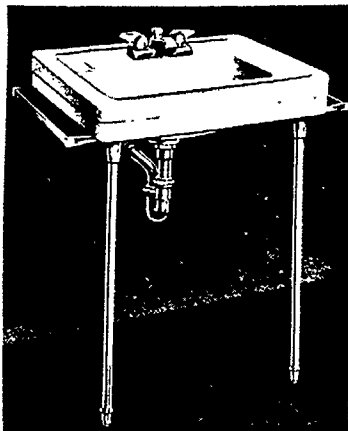
1-144

PRICES COMPLETE

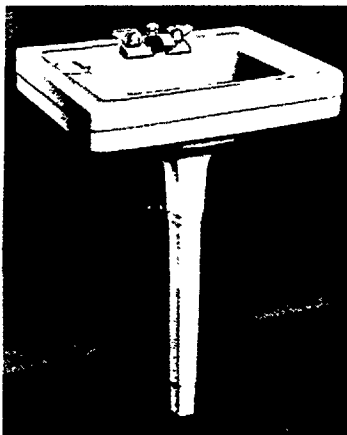
Number	Size	Price	Shpg. Wt.
1-125	19 x 17"	\$77.40	70 Lbs.
	20 x 14"	78.60	65
1-126	19 x 17"	74.70	70
	20 x 14"	75.90	65
1-130	26 x 14"	91.30	75
1-131	26 x 14"	88.60	75
1-135	19 x 17"	62.90	65
	20 x 14"	64.10	60
1-136	19 x 17"	60.20	65
	20 x 14"	61.40	60
1-140	26 x 14"	76.80	70
1-141	26 x 14"	74.10	70
1-144	19 x 17"	117.30	75

Above prices include trap; supply pipes are extra. For other traps and supply pipes, see pages 49 & 50.

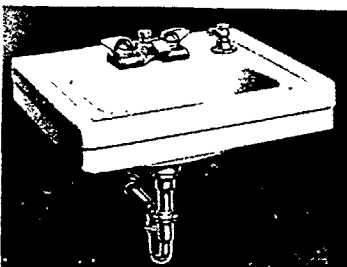
All exposed metal trim on this page is chromium plated.



1-154



1-170



1-200

NORWICH 1-154

20 x 18" and 24 x 21"

Lavatory: *Norwich* lavatory with splash lip and soap depression.

Supports: 8-708 *Crestmont* round metal legs; 8-760 wall brackets.

Trim: 8-26 *Crestmont* supply and direct lift waste with *Dial-ease* controls, metal lever handles and cover plate.

Towel Bars: 8-695 *Crestmont* 17" towel bars.

Trap: 8-400 1½" bent tube "P" trap.

NORWICH 1-170

Same as 1-154 except with china center leg instead of metal legs, less towel bars.

NORWICH 1-200 20 x 18"

Lavatory: *Norwich* lavatory with splash lip and integral liquid soap chamber.

Supports: 8-763 enameled cast iron brackets.

Trim: 8-26 *Crestmont* supply and direct lift waste with *Dial-ease* controls, metal lever handles and cover plate; self-closing, push button liquid soap dispenser.

Trap: 8-400 1½" bent tube "P" trap.

NORWICH 1-208 20 x 18"

Lavatory: *Norwich* lavatory with 6" back, splash lip, integral liquid soap chamber, and concealed hangers.

Trim: Supply spout; wall mounted self-closing pedal action mixing valve with integral stops; 3/8" supply from valve to spout with volume control valve; self-closing, push button liquid soap dispenser.

Waste: 8-353 1½" P.O. plug with open strainer.

Trap: 8-400 1½" bent tube "P" trap.

NORWICH 1-220

20 x 18" and 24 x 21"

Lavatory: *Norwich* lavatory on leg with 6" back and concealed hangers.

Trim: 8-26 *Crestmont* supply and direct lift waste with *Dial-ease* controls, metal lever handles and cover plate.

Trap: 8-400 1½" bent tube "P" trap.

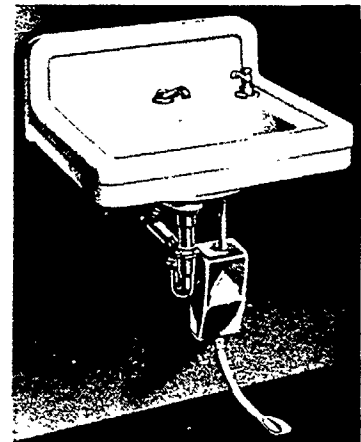
NORWICH 1-245

18 x 15", 20 x 18" and 24 x 21"

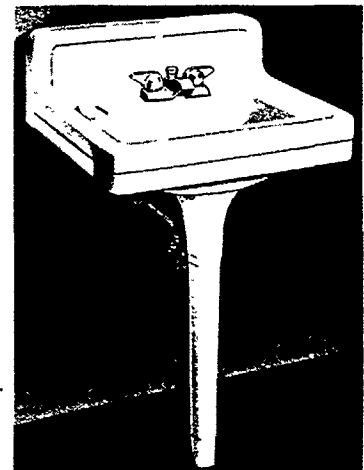
Lavatory: *Norwich* lavatory with 6" back and concealed hangers.

Trim: 8-30 *Vantage* faucets with *Dial-ease* controls and pearl-gray *Cranelon* handles; 8-45 *Crestmont* direct lift waste.

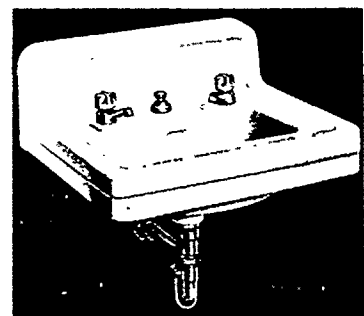
Trap: 8-400 1½" bent tube "P" trap.



1-208



1-220



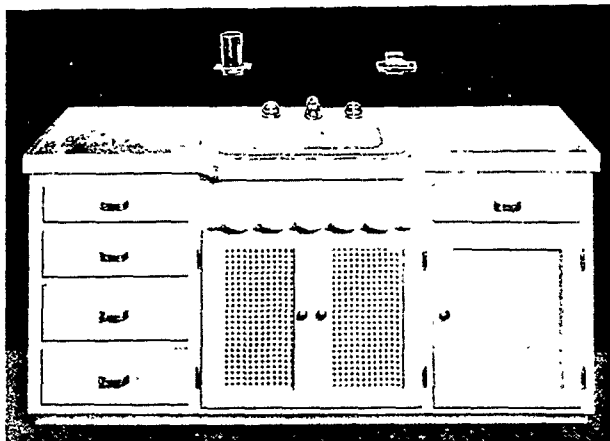
1-245

PRICES COMPLETE

Number	Size	Price	Shpg.Wt.	Number	Size	Price	Shpg.Wt.
1-154	20 x 18"	\$79.20	90 Lbs.	1-220	20 x 18"	\$62.50	90 Lbs.
	24 x 21"	89.10	120		24 x 21"	77.60	120
1-170	20 x 18"	62.40	90		18 x 15"	44.50	75
	24 x 21"	72.30	120	1-245	20 x 18"	49.00	90
1-200	20 x 18"	86.20	90		24 x 21"	64.10	120
1-208	20 x 18"	137.60	120				

Above prices include trap; supply pipes are extra. For other traps and supply pipes see pages 49 and 50.

All exposed metal trim on this page is chromium plated.



WESTLAND 1-283 20 x 19"
(For Tile Counters)

Lavatory: *Westland* tile-in lavatory with raised tiling rim.

Trim: 8-10 *Temple* supply and Lever Action *Securo* waste, *Dial-eat* controls.

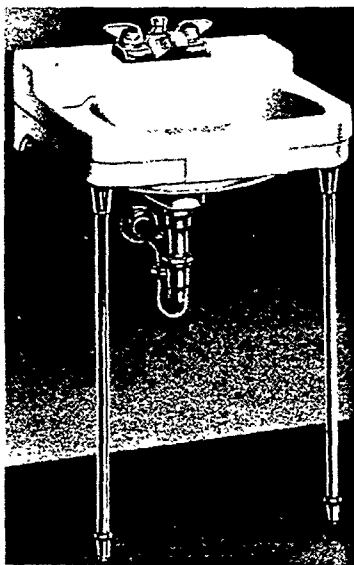
Trap: 8-400 1½" bent tube "P" trap.

Specify: 1-280 for *Westland* with 8-26 *Crestmont* supply and direct lift waste trim.

Specify: 1-285 for *Westland* with 8-30 *Vantage* faucets and 8-45 *Crestmont* direct lift waste.

NOTE: Cabinet and counter top is not included.

1-283



1-295

YORKSHIRE 1-295 20 x 18"

Lavatory: *Yorkshire* lavatory with shelf back and soap depression.

Supports: 8-708 *Crestmont* round metal legs; concealed hangers and wall screws.

Trim: 8-27 *Crestmont* supply and direct lift waste with *Dial-eat* controls, metal lever handles and cover plate.

Trap: 8-400 1½" bent tube "P" trap.

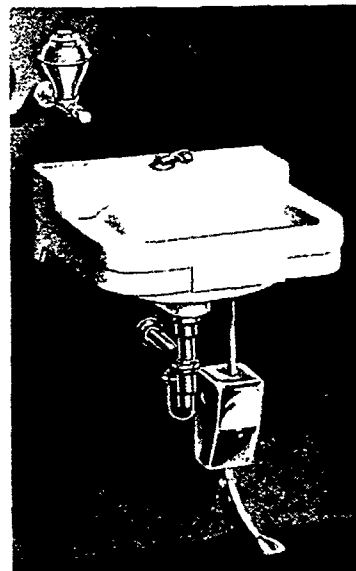
YORKSHIRE 1-301
18 x 15" and 20 x 18"

Lavatory: *Yorkshire* lavatory with shelf back, soap depression, concealed hangers, and wall screws.

Trim: 8-28 *Crestmont* supply with chain and stopper, *Dial-eat* controls, metal lever handles and cover plate.

8-350 1½" P.O. plug.

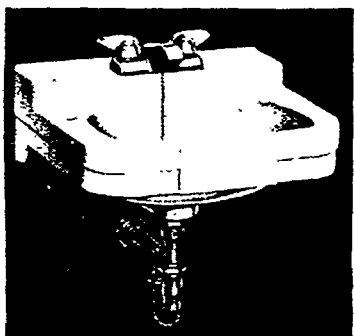
Trap: 8-400 1½" bent tube "P" trap.



1-307

YORKSHIRE 1-300

Same as 1-301 except with 8-27 *Crestmont* supply and direct lift waste trim.



1-301

YORKSHIRE 1-307 20 x 18"

Lavatory: *Yorkshire* lavatory with shelf back, soap depression, concealed hangers and wall screws.

Trim: Supply spout; wall mounted self-closing pedal action mixing valve with integral stops; 3/8" supply from valve to spout with volume control valve.

Soap Container: Push button liquid soap dispenser with metal container and wall bracket.

Waste: 8-353 1½" P.O. plug with open strainer.

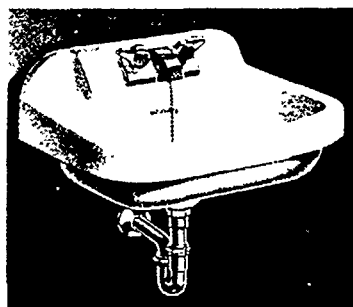
Trap: 8-400 1½" bent tube "P" trap.

PRICES COMPLETE

Number	Size	Price	Shpg.Wt.
1-280	20 x 19"	\$51.30	65 Lbs.
1-283	20 x 19"	70.60	70
1-285	20 x 19"	46.30	65
1-295	20 x 18"	66.70	85
1-300	18 x 15"	46.30	75
	20 x 18"	52.20	80
1-301	18 x 15"	43.60	75
	20 x 18"	49.50	80
1-307	20 x 18"	122.90	100

Above prices include trap; supply pipes are extra. For other traps and supply pipes, see pages 49 and 50.

All exposed metal trim on this page is chromium plated.



1-355

OXLEE 1-355
19 x 16"

Lavatory: *Oxlee* lavatory with beveled panel, shelf back, soap depression, concealed hangers and wall screws.

Trim: 8-19 *Crestmont* supply fitting with chain and stopper, *Dial-eat* Controls, metal lever handles and cover plate.
8-350 1½" P.O. plug.

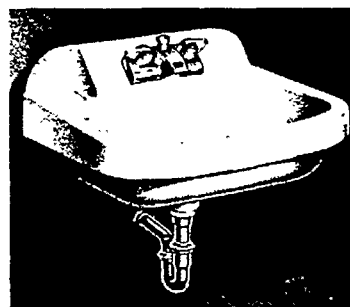
Trap: 8-400 1½" bent tube "P" trap.

OXLEE 1-356
19 x 16"

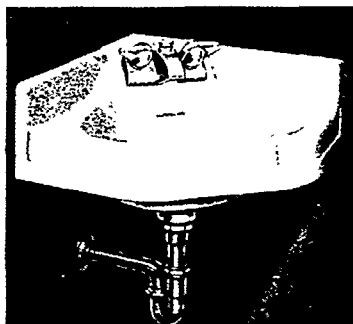
Lavatory: *Oxlee* lavatory with beveled panel, shelf back, soap depression, concealed hangers and wall screws.

Trim: 8-12½ *Crestmont* supply and direct lift waste with *Dial-eat* Controls, metal lever handles and cover plate.

Trap: 8-400 1½" bent tube "P" trap.



1-356



1-375

CORNATE 1-375
17 x 17"

Lavatory: *Cornate* corner lavatory with beveled panel, shelf back, soap depression, wall bracket, and concealed hangers.

Trim: 8-12½ *Crestmont* supply and direct lift waste with *Dial-eat* Controls, metal lever handles and cover plate.

Trap: 8-400 1½" bent tube "P" trap.

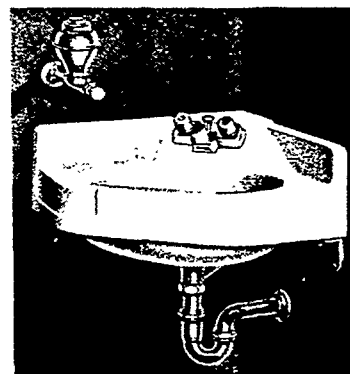
SANICOR 1-378
17 x 17"

Lavatory: *Sanicor* corner lavatory without overflow, with beveled panel, shelf back, concealed hangers and wall brackets.

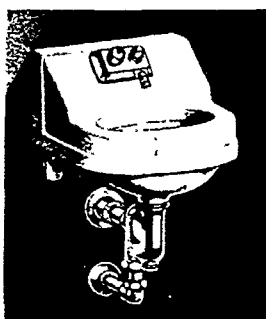
Trim: Push button self-closing supply and pop-up waste.

Soap Container: Push button liquid soap dispenser with metal container and wall bracket.

Trap: 8-400 1½" bent tube "P" trap.



1-378



1-399

ORAL HYGIENE 1-399
9½ x 9"

Lavatory: *Oral Hygiene* dental lavatory with beveled panel, integral flushing rim, concealed hanger and wall brackets.

Trim: Push button self-closing flushing rim, and spout supply with back flow preventer.

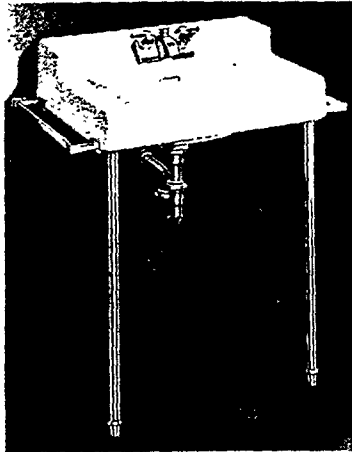
Trap: Dental trap with open strainer, clean-out, brace to wall and elbow waste.

PRICES COMPLETE

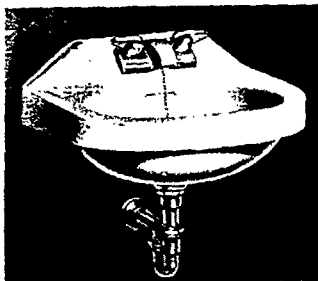
Number	Size	Price	Shpg.Wt.
1-355	19 x 16"	\$49.50	60 Lbs.
1-356	19 x 16"	52.20	60
1-375	17 x 17"	66.00	75
1-378	17 x 17"	100.90	80
1-399	9½ x 9"	68.90	50

Above prices include trap; supply pipes are extra. For supply pipes and other traps, see pages 49 and 50.

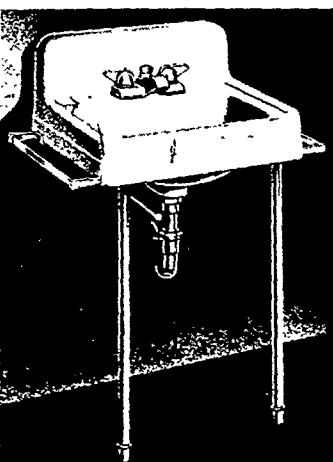
All exposed metal trim on this page is chromium plated.



1-455
24 x 18" size illustrated



1-485



1-495

NEUDAY 1-455
19 x 17" and 24 x 18"

Lavatory: *Neuday* enameled lavatory with beveled panel, shelf back, and soap depression.

Supports: 8-709 *Crestmont* round metal legs; concealed hangers.

Trim: 8-12½ *Crestmont* supply and direct lift waste with *Dial-eze* Controls, metal lever handles and cover plate.

Towel Bars: 8-696 *Crestmont* 16" clamp-on towel bars.

Trap: 8-400 1½" bent tube "P" trap.

NEUDAY 1-456

Same as 1-455 except with 8-19 *Crestmont* trim and 8-350 1½" P.O. plug.

NEUDAY 1-460

Same as 1-455 except less legs.

NEUDAY 1-461

Same as 1-456 except less legs.

NEU-ERA 1-485 18 x 15"

Lavatory: *Neu-Era* enameled lavatory with panel back, soap depression and cantilever apron.

Trim: 8-19 *Crestmont* supply fitting with chain and stopper, *Dial-eze* Controls, metal lever handles and cover plate.

8-350 1½" P.O. plug.

Trap: 8-400 1½" bent tube "P" trap.

NEU-ERA 1-486

Same as 1-485 except with 8-12½ *Crestmont* supply and direct lift waste.

RHODILE 1-495 20 x 18"

Lavatory: *Rhodile* enameled lavatory with 6" back, and soap depression.

Supports: 8-709 *Crestmont* round metal legs; concealed hangers.

Trim: 8-26 *Crestmont* supply and direct lift waste with *Dial-eze* Controls, metal lever handles and cover plate.

Towel Bars: 8-696 *Crestmont* 14" clamp-on towel bars.

Trap: 8-400 1½" bent tube "P" trap.

RHODILE 1-510 20 x 18"

Lavatory: *Rhodile* enameled lavatory with 6" back, soap depression, concealed hangers, and chainstay.

Trim: 8-30 *Vantage* faucets with *Dial-eze* controls and pearl-gray *Cranelon* handles; 8-350 1½" P.O. plug; bead chain and 1½" rubber stopper.

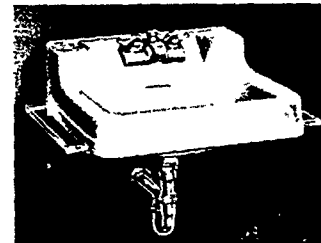
Trap: 8-400 1½" bent tube "P" trap.

RHODILE 1-512 20 x 18"

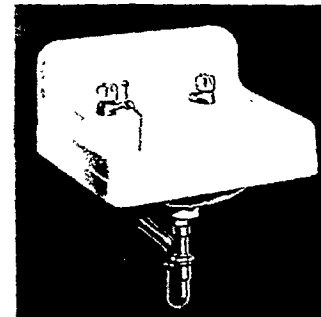
Lavatory: *Rhodile* enameled lavatory with 6" back, soap depression, and concealed hanger.

Trim: 8-30 *Vantage* faucets with *Dial-eze* controls and pearl-gray *Cranelon* handles; 8-45 *Crestmont* direct lift waste.

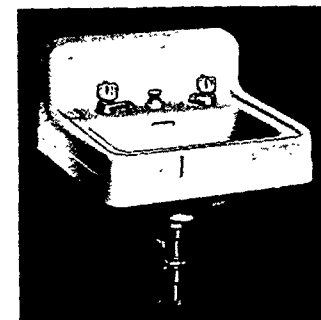
Trap: 8-400 1½" bent tube "P" trap.



1-460
19 x 17" size illustrated



1-510



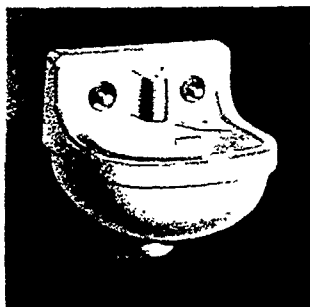
1-512

PRICES COMPLETE

Number	Size	Price	Shpg. Wt.
1-455	19 x 17"	\$76.40	90 Lbs.
	24 x 18"	83.60	110
1-456	19 x 17"	73.70	90
	24 x 18"	80.90	110
1-460	19 x 17"	61.90	85
	24 x 18"	69.10	105
1-461	19 x 17"	59.20	85
	24 x 18"	66.40	105
1-485	18 x 15"	43.70	85
1-486	18 x 15"	46.40	85
1-495	20 x 18"	75.90	90
1-510	20 x 18"	41.40	90
1-512	20 x 18"	46.40	95

Above prices include trap; supply pipes are extra. For other traps, and supply pipes, see pages 49 and 50.

All exposed metal trim on this page is chromium plated.



1-600

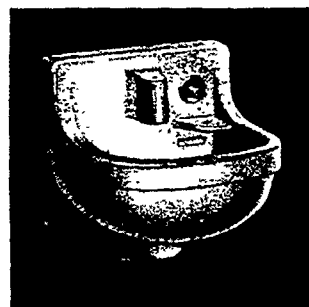
PARVUS 1-600
14 x 13"

Lavatory: *Parvus* prison lavatory with 5" back, integral spout and drinking nozzle, integral soap dish, slow draining integral strainer, 1½" outlet connection.

Trim: Fig. 15699-A 3/8" vandal proof push-button supply valves for hot and cold water.

PARVUS 1-601

Same as 1-600 except with Fig. 15699 supply trim for cold water only.

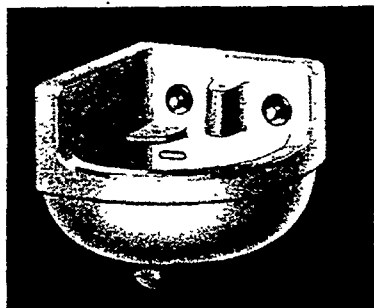


1-601

PARVUS 1-602
14 x 14"

Lavatory: *Parvus* corner prison lavatory with 5" back, integral spout and drinking nozzle, integral soap dish, slow draining integral strainer, 1½" outlet connection.

Trim: Fig. 15699-A 3/8" vandal proof push-button supply valves for hot and cold water.

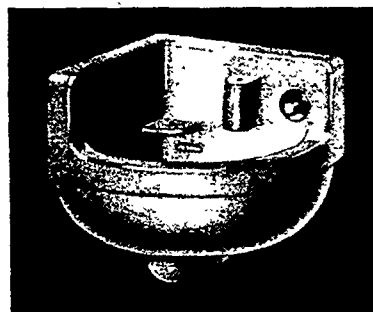


1-602

PARVUS 1-603
14 x 14"

Lavatory: *Parvus* corner prison lavatory with 5" back, integral spout and drinking nozzle, integral soap dish, slow draining integral strainer, 1½" outlet connection; 3/8" T-head supporting bolt.

Trim: Fig. 15699 3/8" vandal proof push-button supply valve for cold water.



1-603

FOLSOM 1-610
20 x 15"

Lavatory: *Folsom* prison lavatory with 6" back, integral slow draining strainer, integral overflow, 1½" outlet connection, and supporting bolts.

Trim: Fig. 15686 3/8" vandal proof push-button supply fixture with metal spout for hot and cold water.

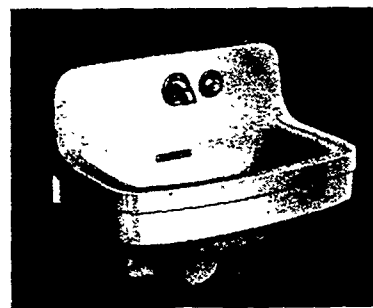
FOLSOM 1-611
20 x 15"

Lavatory: *Folsom* prison lavatory with 6" back, integral slow draining strainer, integral overflow, 1½" outlet connection and supporting bolts.

Trim: Fig. 15686-A 3/8" vandal proof push-button supply fixture with metal spout for cold water only.



1-610



1-611

All exposed metal trim on this page is chromium plated.

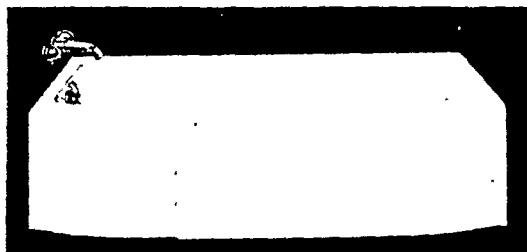
NOTE: *Parvus* and *Folsom* lavatories do not have integral traps. Provision must be made for the installation of traps behind partitions.

Supply trim is regularly furnished for partition up to 1" thick but is available for thicker walls.

PRICES COMPLETE

Number	Size	Price	Shpg. Wt.
1-600	14 x 13"	\$47.00	65 Lbs.
1-601	14 x 13"	39.00	65
1-602	14 x 14"	50.70	70
1-603	14 x 14"	42.70	70
1-610	20 x 15"	61.70	70
1-611	20 x 15"	55.30	70

Supplies and traps are not included in the above prices.



CRITERION 2-80 (Left hand outlet)
2-81 (Right hand outlet)
5'0" and 5'6"

Bath: *Criterion* vitreous enameled cast iron recess bath.

Trim: *9-25 *Temple* overrim supply with *Dial-eas* controls, metal handles, $\frac{1}{2}$ " female union inlets.

9-60 $\frac{1}{2}$ " *Accesso* waste and overflow.

*Specify 9-26 for *Temple* overrim trim with $\frac{1}{2}$ " female iron pipe inlets.

CRITERION 2-82 (Left hand outlet)
2-83 (Right hand outlet)

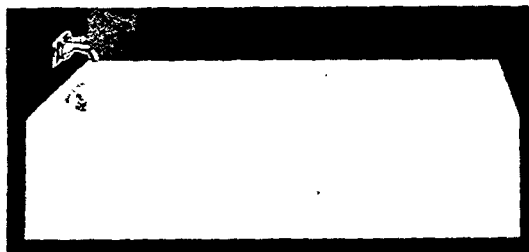
Bath: *Criterion* vitreous enameled cast iron recess bath.

Trim: *2-320 *Temple* Deviator overrim supply and shower with *Dial-eas* controls, metal handles, $\frac{1}{2}$ " female union inlets.

9-60, $\frac{1}{2}$ " *Accesso* waste and overflow.

*Specify 2-321 for *Temple* Deviator trim with $\frac{1}{2}$ " female iron pipe inlets.

Width; Center 32 $\frac{1}{2}$ " Ends 28 $\frac{1}{2}$ " Height 16" Rims tile-in 1"



NEUDAY 2-90 (Left hand outlet)
2-91 (Right hand outlet)
4'6" and 5'0"

Bath: *Neuday* vitreous enameled cast iron recess bath.

Trim: *9-33 *Crestmont* overrim supply with *Dial-eas* controls, metal lever handles and cover plate, and $\frac{1}{2}$ " female union inlets.

9-51 *Crestmont* $\frac{1}{2}$ " connected waste and overflow.

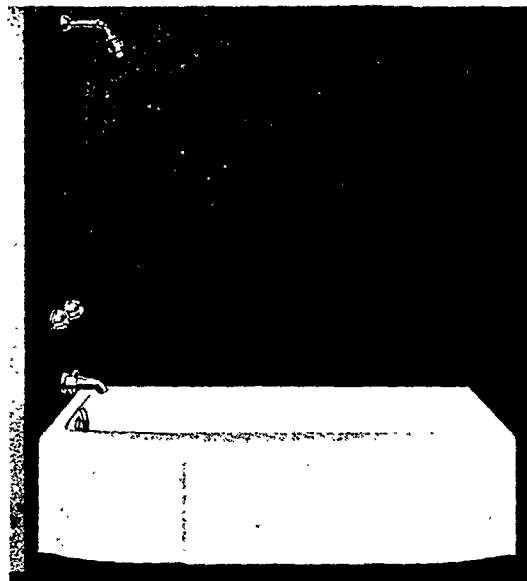
*Specify 9-56 for $\frac{1}{2}$ " *Crestmont* pop-up waste and overflow.

NEUDAY 2-92 (Left hand outlet)
2-93 (Right hand outlet)

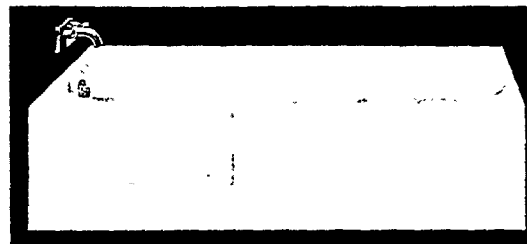
Same as 2-90 and 2-91 *Neuday* baths except with 2-303 *Crestmont* Deviator overrim supply and shower.

Width 30 $\frac{1}{2}$ " Height 14" Rims tile-in 1"

All exposed metal trim on this page is chromium plated.



CRITERION 2-82 (Left hand outlet)
2-83 (Right hand outlet)



NEU-ERA 2-010 (Left hand outlet)
2-011 (Right hand outlet)
5'0" (No slope head end)

Bath: *Neu-Era* vitreous enameled cast iron recess bath.

Trim: 9-33 *Crestmont* overrim supply with *Dial-eas* controls, metal lever handles and cover plate, and $\frac{1}{2}$ " female union inlets.

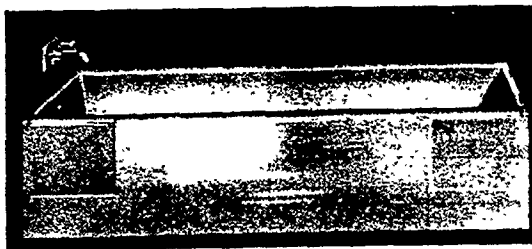
9-51 *Crestmont* $\frac{1}{2}$ " connected waste and overflow.

Width 30 $\frac{1}{2}$ " Height 14" Rims tile-in 1"

PRICES COMPLETE

Number	Size	Price		Shpg.Wt. Pounds
		White	Color	
2-80 and 2-81	5'0"	\$169.10	\$206.80	425
	5'6"	180.90	222.50	475
2-82 and 2-83	5'0"	181.70	219.40	430
	5'6"	193.50	235.10	480
If less unions, Deduct		2.00	2.00	
CRITERION BATH ONLY	5'0"	113.20	150.90	410
	5'6"	125.00	166.60	460
2-90 and 2-91	4'6"	128.50	--	390
	5'0"	137.70	--	395
2-92 and 2-93	4'6"	140.60	--	395
	5'0"	149.80	--	400
NEUDAY BATH ONLY	4'6"	100.00	--	380
	5'0"	109.20	--	385
2-010 and 2-011	5'0"	137.70	--	390
NEU-ERA BATH ONLY	5'0"	109.20	--	380

For curtain rods, curtains, and other bath trim see pages 12, 13, 14 and 51.



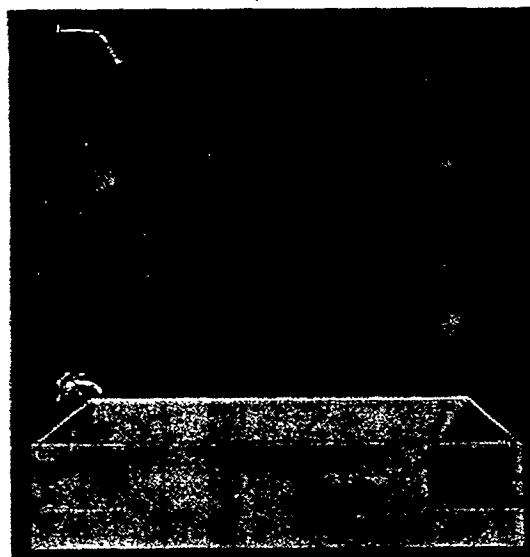
OXFORD 2-120 (Left hand outlet)
2-121 (Right hand outlet)
4'6" and 5'0"

Bath: Oxford vitreous glazed Duraclay recess bath.
Trim: 9-33 Crestmont overrim supply with Dial-eat Controls, metal lever handles and cover plate, and 1/2" female union inlets.

9-51 Crestmont 1 1/2" connected waste and overflow.

Width 27" Height 14" Rims tile-in 1"

NOTE: The 4'6" Oxford does not have slope head end.



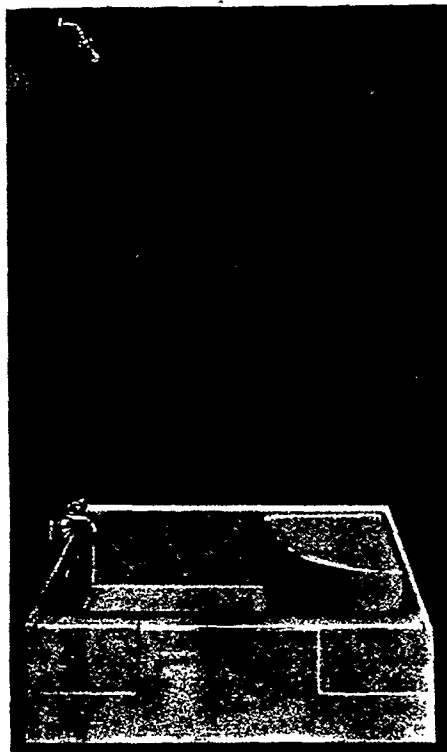
OXFORD 2-122 (Left hand outlet)
2-123 (Right hand outlet)
4'6" and 5'0"

Bath: Oxford vitreous glazed Duraclay recess bath.
Trim: 2-303 Crestmont Deviator overrim supply and shower with Dial-eat Controls, metal lever handles and cover plate, and 1/2" female union inlets.

9-51 Crestmont 1 1/2" connected waste and overflow.

Width 27" Height 14" Rims tile-in 1"

NOTE: The 4'6" Oxford does not have slope head end.



LAHOMA 2-131 (Left hand outlet only)
42 x 31"

Bath: Lahoma vitreous glazed Duraclay recess receptor bath with corner seat.

Trim: 2-303 Crestmont Deviator overrim supply and shower with Dial-eat Controls, metal lever handles and cover plate, and 1/2" female union inlets.

9-52 Crestmont 1 1/2" connected waste and overflow.

Length 42" Width 31" Height 12" Rims tile-in 1"

All exposed metal trim on this page is chromium plated.

For curtain rods, curtains, and other bath trim see pages 12, 13, 14 and 512



ALLIANCEWARE 2-170 (Left hand outlet)
2-171 (Right hand outlet)
5'0"

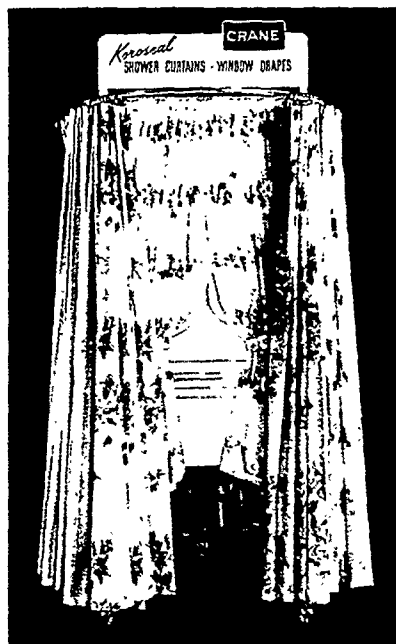
Bath: AllianceWare vitreous enameled steel recess bath.
Trim: 9-33 Crestmont overrim supply with Dial-eat Controls, metal lever handles, and cover plate, and 1/2" female union inlets.

9-51 Crestmont 1 1/2" connected waste and overflow.

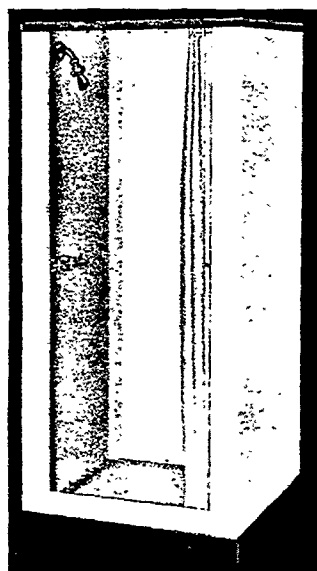
Width 30 5/8" Height 14" Rims tile-in 1"

PRICES COMPLETE

Number	Size	White	Color	Shpg. Wt.
2-120 and 2-121	4'6"	\$143.50	--	340 lbs.
	5'0"	151.30	\$212.70	370
2-122 and 2-123	4'6"	155.60	--	345
	5'0"	163.40	224.80	375
OXFORD BATH ONLY	4'6"	115.00	--	320
	5'0"	122.80	184.20	360
2-131	42x31"	136.90	184.20	305
LAHOMA BATH ONLY	42x31"	95.70	143.60	295
2-170 and 2-171	5'0"	116.20	--	170
ALLIANCE BATH ONLY	5'0"	82.70	--	160



Koroseal

**2-709 SKIPPER**

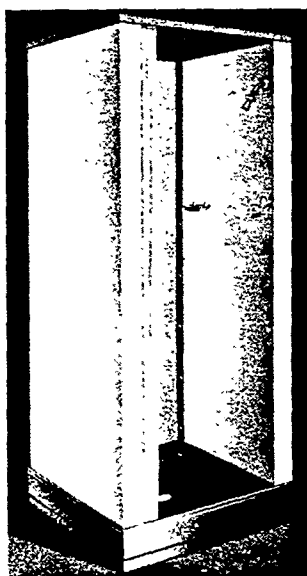
Compartment: *Skipper* bonderized galv. steel shower compartment, white baked enamel finish walls, slip-proof precast *Stonetex* receptor brass drain to caulk 2" I.P.

Trim: 2-385 *Crestmont* 2-valve shower with *Dial-eze* Controls, soap dish, white curtain and curtain rod.

Size: 32 x 32 x 76"

KOROSEAL		WINDOW DRAPES			SHOWER CURTAINS			
PATTERN	COLORS	Price per Pair			Rec. Tub 6' x 6'	Cor. Tub 9' x 6'	**Stalls	
		27x45"	27x54"	35x60"			4½ x 6'	3' x 6'
Biltmore	Rose, Green,							
Stripe-Voile	Mauve or Blue	\$15.00	-	\$15.80	\$15.80	\$23.60	-	\$7.90
*Calendar of Flowers-Mesh	White, Blue or Rose	13.50	14.30	-	14.30	21.40	-	7.10
*Sonata-Mesh	White, Green or Maize	13.50	14.30	-	14.30	21.40	11.30	7.10
*Border Rose-Mesh	Peach, Green	12.00	-	12.80	12.80	-	-	6.40
*Magic Rose-Film	Rose, Maize or White	12.00	12.80	-	12.80	19.10	-	6.40
*Coin Dot-Mesh	Red or Black	10.50	-	11.30	11.30	16.90	-	5.60
*Ebbtide-Film	White, Blue Maize, Green	10.50	-	11.30	11.30	16.90	-	5.60
Sailing-Film	Black, Red Blue, Yellow	9.00	-	9.80	9.80	14.60	-	4.90
*Harlequin-Film	Burgundy, Blue Black, Maize	9.00	-	9.80	9.80	14.60	-	4.90
*Lace Bow-Film	White, Rose Green, Maize	7.50	8.30	-	8.30	12.40	6.80	4.10
*Plain-Film	Green, Blue Maize, Peach	5.60	5.90	-	5.90	8.90	4.90	3.00

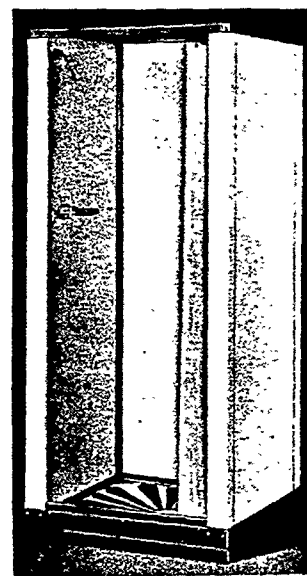
*Ruffled drapes. †Tailored drapes. **4½' size must be ordered in multiples of two.

**2-710 COTTAGER DELUXE**

Compartment: *Cottager Deluxe* bonderized galv. steel shower compartment, white baked enamel finish walls with black trim and black receptor; built-in drain to caulk 2" I.P.

Trim: 2-385 *Crestmont* 2-valve shower with *Dial-eze* Controls; soap dish, white curtain and curtain rod.

Size: 32 x 32 x 76"

**2-711 BATHE-RITE**

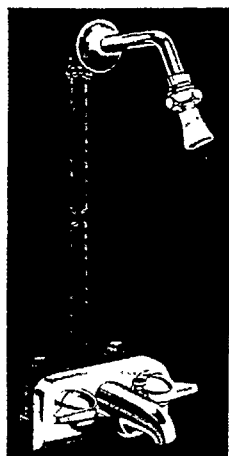
Compartment: *Bathe-Rite* shower compartment with white baked enamel finish tempered *Nasonite* walls, steel frame, slip-proof embossed porcelain enameled steel receptor drain to caulk 2" I.P.

Trim: 2-385 *Crestmont* 2-valve shower with *Dial-eze* Controls; soap dish, white curtain and curtain rod.

Size: 32 x 32 x 75"

PRICES COMPLETE

Number	Price	Shipping Point	Shpg. Wt.
2-709	\$101.50	F.O.B. Chicago, Ill.	275 Lbs.
2-710	106.90	F.O.B. Elkhart, Ind.	190
2-711	86.50	F.O.B. Milwaukee, Wis.	140



2-303

2-303

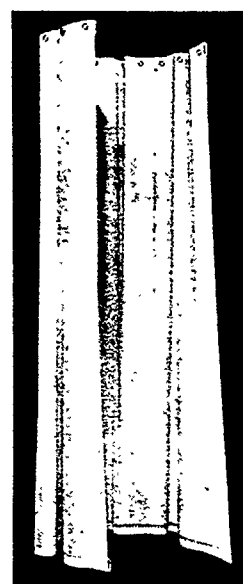
Crestmont Deviator overrim supply and shower with *Dial-ess* Controls, metal lever handles and cover plate, *Economy* shower head with ball joint, bent arm and escutcheon, 1/2" female union inlets.

2-353

Crestmont two-valve shower with *Dial-ess* Controls, metal lever handles and cover plate, *Economy* shower head with ball joint, bent arm and escutcheon, 1/2" female union inlets.



2-353

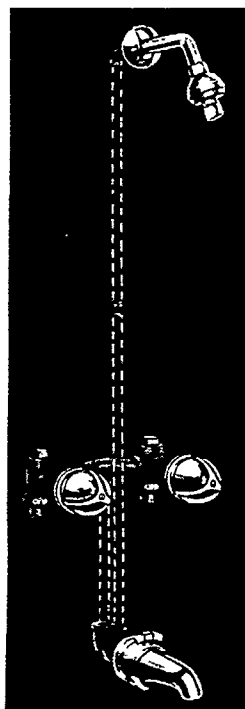


C 4970

72" long, 8 ounce white duck curtain with grommets.

Sizes:

36" for 32" stall.
42" for 36" stall.
48" for 42" stall.
60" for 4½ ft. recess bath.
66" for 5 ft. recess bath.
72" for 5½ ft. recess bath.
99" for 5 ft. corner bath.
99" for 5½ ft. corner bath.



2-320

2-320

Temple Deviator overrim supply and shower with *Dial-ess* Controls, metal handles, *Economy* shower head with ball joint, bent arm and escutcheon, 1/2" female union inlets.

2-321

Same as 2-320 except with 1/2" female iron pipe inlets.

2-370

Temple two-valve shower with *Dial-ess* Controls, metal handles, *Economy* shower head with ball joint, bent arm and escutcheon, 1/2" female union inlets.

2-371

Same as 2-370 except with 1/2" female iron pipe inlets.

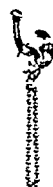


2-370



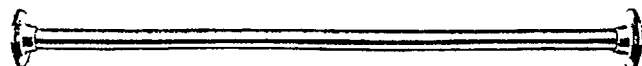
C 4980

Curtain snap hooks



C 4986

Hold back hook with bead chain and ring.



Brass 1" O.D. curtain rod with flanges.

C 4962 62" for 4½ ft. or 5 ft. recess baths.
68" for 5½ ft. recess bath.

C 4950 27x57" for 5 ft. corner bath.
27x63" for 5½ ft. corner bath.

PRICES COMPLETE

Number	Price	Number	Size	Price
2-303	\$30.90	C 4950	27x57"	\$ 9.80
			27x63"	10.10
2-320	46.30	C 4962	62"	4.80
			68"	5.10
2-321	44.30		36"	3.86
			42"	4.54
2-353	20.80	C 4970	48"	5.18
			60"	7.12
2-370	39.30		66"	7.42
			72"	7.74
2-371	37.30		99"	11.04
		C 4980	Per 100	8.30
		C 4986		.64

All exposed metal trim on this page is chromium plated.



2-410

Rival 1/2" concealed mixing valve shower with renewable seats, *Refreshor* ball joint shower head, and bent arm with escutcheon.



2-450

2-450

Addenda exposed shower and overrim fitting with 3/4x6" Deviator spout; *Refreshor* ball joint shower head, and gooseneck riser with wall support.



9-220

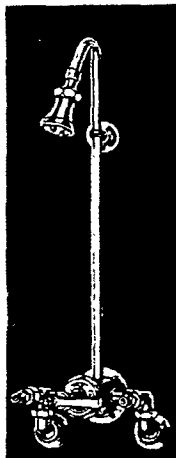
Economy ball joint shower head with 3/8" or 1/2" I.P.S. female inlet.



9-225

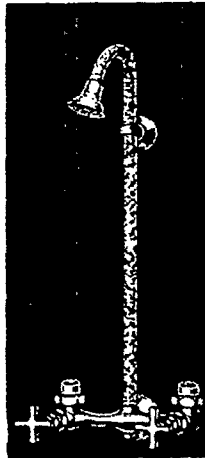
Temple Economy ball joint shower head with 1/2" I.P.S. female inlet.

2-410



C 4439-A

Concorde exposed mixing valve shower with renewable seats, *Refreshor* ball joint shower head, gooseneck riser, wall support; supplies with screw driver stops and 1/2" I.P.S. female flanged union elbows.



C 4669

C 4669

Telsa rough nickel plated exposed factory shower with *New-sleeve* units and renewable seats, *Refreshor* shower head, galvanized gooseneck riser and wall support; 1/2" female union inlets.



9-230

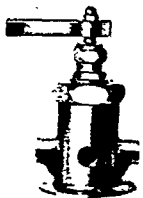
Refreshor Easy-clean rigid shower head with 1/2" I.P.S. female inlet.



9-231

Refreshor Easy-clean ball joint shower head with 1/2" I.P.S. female inlet.

C 4439-A



C 4788

Concorde exposed mixing valve with renewable seats, 1/2" I.P.S. female inlets and outlet.



C 4792

C 4792

Furnished Rough Nickel Plated or Polished Chromium Plated as specified



C 4879

Vandal proof wall type shower head with perforated face, 1/2" I.P.S. female inlet.

C 4788

Concorde concealed mixing valve with renewable seats, 1/2" I.P.S. female inlets and outlet.



C 4802

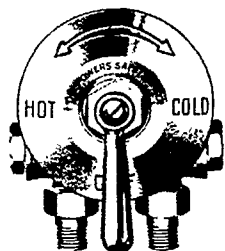
C 4802

Rival concealed mixing valve with renewable seats, 1/2" I.P.S. female inlets and outlet.

PRICES COMPLETE

Number	Size	Price	Number	Size	Price
2-410	1/2"	\$29.00	C 4439-A	1/2"	\$66.80
2-450	3/4"	30.30	C 4669	1/2"	20.00
9-220	3/8"	2.90	C 4788	1/2" Rgh. N.P.	34.50
9-225	1/2"	2.90		1/2" Pol. C.P.	39.30
9-230	1/2"	6.50	C 4792	1/2"	31.20
9-231	1/2"	4.20	C 4802	1/2"	19.70
		5.60	C 4879	1/2"	22.50

Unless otherwise specified all exposed metal trim on this page is chromium plated.



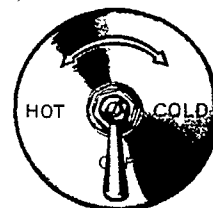
STYLE A

Style A (Exposed)
Powers Style A $\frac{1}{2}$ " or $\frac{3}{4}$ " exposed anti-scalding mixing valve with pressure equalizer, built-in shut-off valve and check valves.

Capacities at 45 pounds pressure:

Style C (Concealed)

Powers Style C $\frac{1}{2}$ " or $\frac{3}{4}$ " concealed anti-scalding mixing valve with pressure equalizer, built-in shut-off valve and check valves.



STYLE C

Thermostatic Mixing Valves

HVE-6-FHV (Exposed)

Powers $\frac{1}{2}$ " exposed thermostatic mixing valve with built-in shut-off valve, volume control shut-off valve and loose key union angle check stops.

HVC-6-CHV (Concealed)

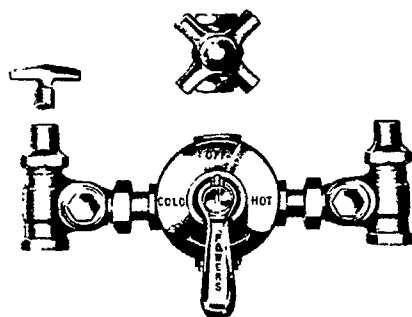
Powers $\frac{1}{2}$ " concealed thermostatic mixing valve with built-in shut-off valve, volume control shut-off valve and screw-driver check stops.

HVE-10-FHV (exposed) and HVC-10-CHV (concealed), Same as above except 10 gallons per minute capacity.

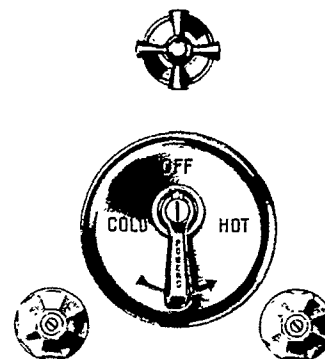
Capacities at 45 pounds pressure:

HVE-6 and HVC-6 - $6\frac{1}{2}$ gals. per minute
HVE-10 and HVC-10 - 10 gals. per minute

NOTE: HVE and HVC mixers may be used without check valves if a volume control valve is not required in discharge line.



HVE-6-FHV



HVC-6-CHV

L-9-E (Exposed)

Leonard $\frac{1}{2}$ " exposed thermostatic mixing valve with volume control and temperature control.

L-9-C (Concealed)

Leonard $\frac{1}{2}$ " concealed thermostatic mixing valve with volume control and temperature control.

Capacity at 45 pounds pressure:

9 gallons per minute

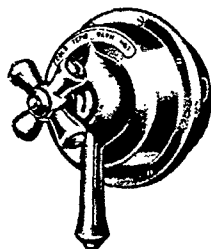
T-5W-E and T-10-E (Exposed) not illustrated.

Leonard $\frac{1}{2}$ " exposed thermostatic mixing valve with volume and shut-off control valve and union angle strainer check stops.

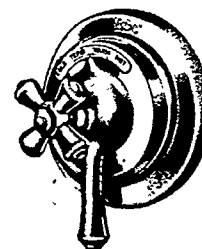
T-5W-C and T-10-C (Concealed)

Leonard $\frac{1}{2}$ " concealed thermostatic mixing valve with volume and shut-off control valve and combination check stops. Capacities at 45 pounds pressure:

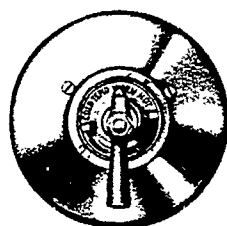
T-5W-E and T-5W-C - 5 gals. per minute
T-10-E and T-10-C - 10 gals. per minute



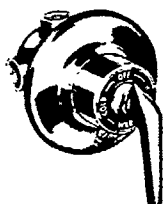
L-9-E



L-9-C



T-5W-E & T-10-E



500-C

Symmons $\frac{1}{2}$ " concealed pressure actuated non-scald Safetymix shower valve.

525-CDB

Symmons $\frac{1}{2}$ " concealed pressure actuated non-scald Safetymix shower valve with push-button diverter.

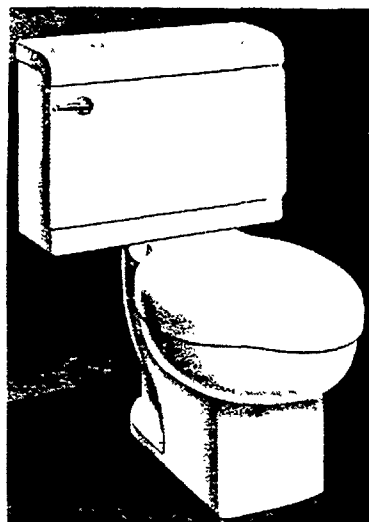


525-CDB

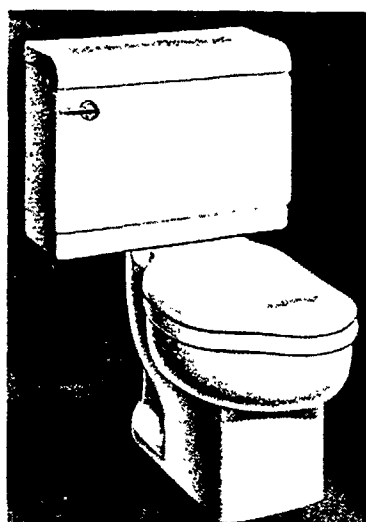
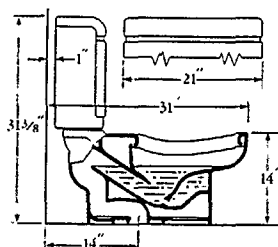
PRICES COMPLETE

Number	Size	Price	Shpg. Wt.
Style A	$\frac{1}{2}$ "	\$64.00	13 Lbs.
	$\frac{3}{4}$ "	128.00	25
Style C	$\frac{1}{2}$ "	75.20	16
	$\frac{3}{4}$ "	160.00	35
HVE-6-FHV	$\frac{1}{2}$ "	86.40	16
HVE-10-FHV	$\frac{1}{2}$ "	86.40	16
VALVE ONLY	$\frac{1}{2}$ "	78.40	9
HVC-6-CHV	$\frac{1}{2}$ "	96.00	20
HVC-10-CHV	$\frac{1}{2}$ "	96.00	20
VALVE ONLY	$\frac{1}{2}$ "	81.60	12
L-9-E	$\frac{1}{2}$ "	164.80	16
L-9-C	$\frac{1}{2}$ "	174.40	18
T-5W-E	$\frac{1}{2}$ "	95.80	14
T-5W-C	$\frac{1}{2}$ "	112.00	18
T-10-E	$\frac{1}{2}$ "	95.80	14
T-10-C	$\frac{1}{2}$ "	112.00	18
500-C	$\frac{1}{2}$ "	40.00	4
525-CDB	$\frac{1}{2}$ "	50.20	5 $\frac{1}{2}$

All exposed metal trim on this page is chromium plated.



CRITERION
CORRECT POSTURE
CLOSETS



CRITERION 3-100

Closet: *Criterion* whirlpool action, siphon jet close-coupled closet with self-draining jet, saddle-shaped correct posture elongated rim.

Tank: *Criterion* china close-coupled tank with shelf cover, Douglas type flush valve and brass float valve.

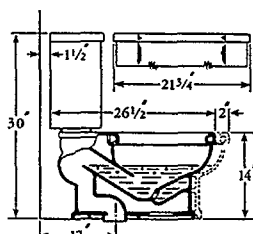
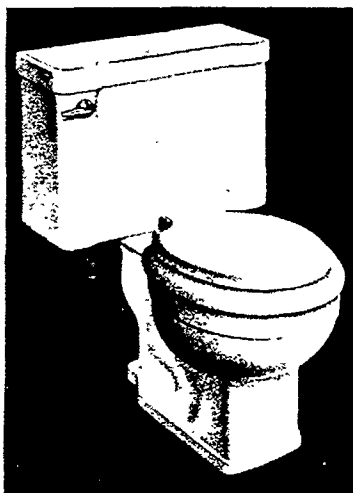
Seat: White *Nol-Tex* correct posture seat with flat top telescopic cover.

CRITERION 3-101

Closet: *Criterion* whirlpool action, siphon jet close-coupled closet with self-draining jet, saddle-shaped correct posture elongated rim.

Tank: *Criterion* china close-coupled tank with shelf cover, Douglas type flush valve and brass float valve.

Seat: White *Nol-Tex* correct posture seat and cover.



DREXEL 3-120

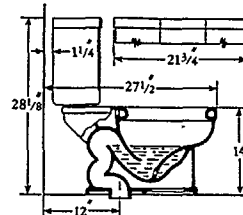
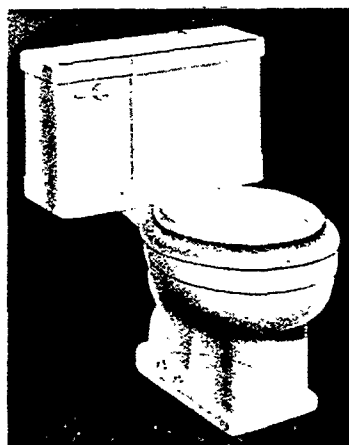
Closet: *Drexel* regular rim close-coupled closet with self-draining jet.

Tank: *Drexel* china bolted tank with Douglas type flush valve and brass float valve.

Seat: 3-914 1 1/2" white sheet covered seat and cover.

DREXEL 3-121

Same as above except with elongated rim bowl and 3-915 1 1/2" white sheet covered seat and cover.



OXFORD 3-140

Closet: *Oxford* regular rim close-coupled closet with self-draining jet.

Tank: *Oxford* china bolted tank with Douglas type flush valve and brass float valve.

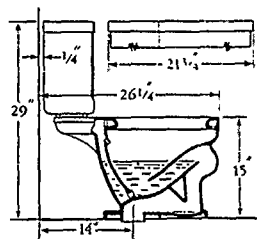
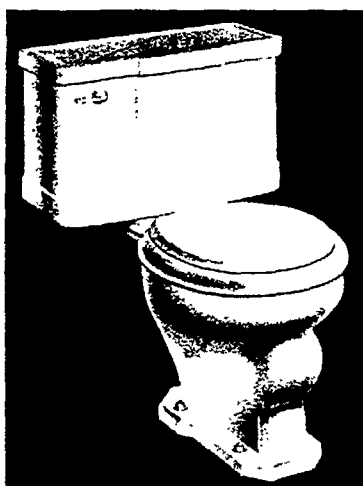
Seat: 3-912 1 1/2" white sheet covered seat and cover.

PRICES COMPLETE

Number	White	*Color	Shpg.Wt.
3-100	Prices on application		165 lbs.
3-101	\$158.00	- -	165
3-120	75.50	\$107.50	130
3-121	84.00	119.00	140
3-140	65.60	92.80	115

*Prices include, plain finish colored seats.

Supply pipes are not included with the above closets.

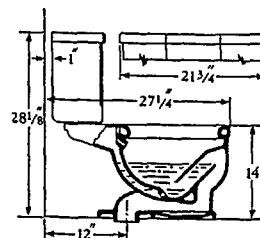


NEU-SANIX 3-150

Closet: *Neu-Sanix* regular rim close coupled closet with self-draining jet.

Tank: *Oxford* china bolted tank with Douglas type flush valve and brass float valve.

Seat: 3-912 1 1/4" sprayed white seat and cover.

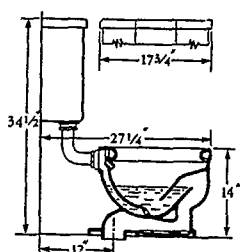
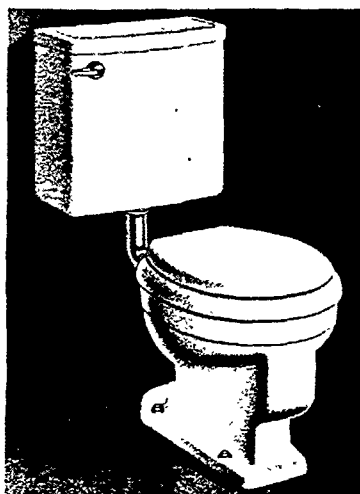


NEUDAY 3-160

Closet: *Neuday* regular rim close coupled closet with self-draining jet.

Tank: *Oxford* china bolted tank with Douglas type flush valve and brass float valve.

Seat: 3-912 1 1/4" sprayed white seat and cover.

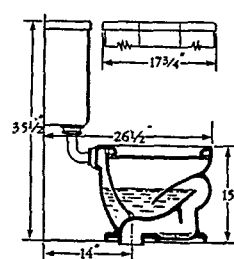
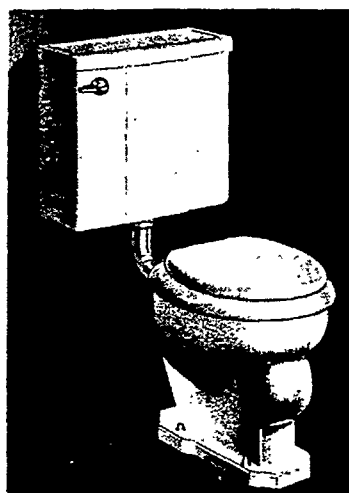


NEU-ERA 3-180

Closet: *Neu-Era* regular rim washdown closet with self-draining jet.

Tank: 3-560 *Neu-Era* china 6-gallon tank with Douglas type flush valve, brass float valve and elbow flush connection.

Seat: 3-912 1 1/4" sprayed white seat and cover.



SAXONET 3-200

Closet: *Saxonet* regular rim washdown closet with jet.

Tank: 3-560 *Neu-Era* china 6-gallon tank with Douglas type flush valve, brass float valve and elbow flush connection.

Seat: 3-912 1 1/4" sprayed white seat and cover.

PRICES COMPLETE

Number	Complete	Bowl Only	Shpg.Wt.
3-150	\$58.00	—	110 Lbs.
3-160	58.00	—	100
3-180	53.50	\$17.80	105
3-200	53.50	17.80	105

For anti-siphon float valve Add \$1.70

Supply pipes are not included with the above closets.

VALCO - For Commercial Installations.

LO-FLO - For Residences and Small Apartments.



Quietness to the point
of Inaudibility



New and Convenient
Method of Operation



3-290

VALCO 3-290

Closet: *Valco* regular rim siphon jet swirl action closet.

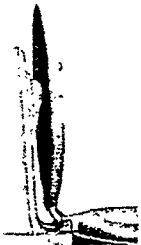
Valve: Sloan *Crown* rough brass flush valve with vacuum breaker, 1" Quiet-Flush throttle stop, and elbow flush connection.

Seat: Church white sheet covered closed front seat and cover with molded plastic covered brass hinges.

Housing: White molded plastic valve housing with bumper for seat-cover operation.

Also available with open front seat and cover.

Roughs in 12" Projection 25½"
Rim to floor 15"



Bumper for Seat Cover



No Condensation



3-292

LO-FLO 3-292

Closet: *Lo-Flo* regular rim swirl action closet.

Valve: Sloan rough brass flush valve with vacuum breaker, ¾" automatic throttling stop, and elbow flush connection.

Seat: Church white sheet covered closed front seat and cover with molded plastic covered brass hinges.

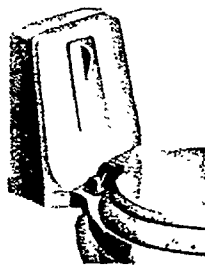
Housing: White molded plastic valve housing with bumper for seat-cover operation.

Also available with open front seat and cover.

Roughs in 12" Projection 25½"
Rim to floor 15"



Concealed Flush Valve



No Exposed Metal

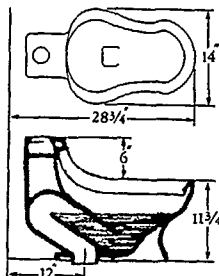
PRICES COMPLETE

Number	Price	Shpg. Wt.
3-290	\$96.00	75 Lbs.
3-292	96.00	75

For open front seat and cover, Add \$1.90



ESQUATOR
For Public Toilet Rooms



ESQUATOR 3-280

Bowl: *Esquator* blow-out bowl with twin jets.
Valve: No. 110 F YV *Royal* flush valve with vacuum breaker, and 1" angle screw driver stop.

ESQUATOR 3-281

Bowl: *Esquator* blow-out bowl with twin jets.
Valve: No. 312 *Royal* concealed flush valve with vacuum breaker, 1" wheel handle angle stop and foot pedal. (For walls up to 6" thick - orders must specify wall thickness.)



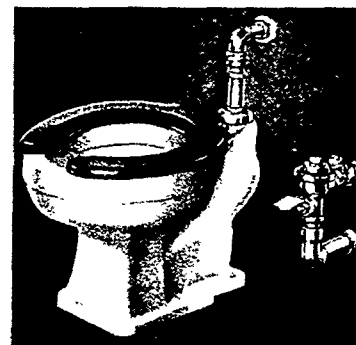
3-300

SANTON 3-300

Closet: *Santon* elongated rim siphon jet closet.
Valve: No. 110 YV *Crown* flush valve with vacuum breaker, 1" stop, and flush connection.
Seat: Church No. 2500 Sani-Black hard rubber open front seat with check hinge.
Roughs in 12" Rim to floor 15" Projection 27 1/2"

SANTON 3-301

Same as 3-300 except regular rim *Santon* closet with Church No. 5700 seat.



3-306

SANTON 3-306

Closet: *Santon* elongated rim siphon jet closet.
Valve: No. 310 *Royal* flush valve with vacuum breaker, 1" screw driver straight stop and foot pedal.
Seat: Church No. 2500 Sani-Black hard rubber open front seat with check hinge.

Roughs in 12" Rim to floor 15" Projection 27 1/2"

SANTON 3-310

Closet: *Santon* elongated rim-siphon jet closet.
Valve: No. 140 YV *Crown* concealed flush valve with vacuum breaker and 1" stop. (For walls up to 6" thick - orders must specify wall thickness.)

Seat: Church No. 9500 black or white *Nol-Tex* open front seat with check hinge.

Roughs in 14" Rim to floor 15" Projection 30 1/2"

SANTON 3-311

Same as 3-310 except regular rim *Santon* closet with Church No. 9700 seat.



3-310

PRICES COMPLETE

Number	Complete	Bowl Only	Shpg. Wt.
3-280	\$85.50	\$55.80	95 Lbs.
3-281	93.20	55.80	105
3-300	74.70	34.10	75
3-301	69.70	29.10	75
3-306	85.50	34.10	85
3-310	86.40	39.10	75
3-311	81.40	34.10	75

All exposed metal trim on this page is chromium plated.



3-320

WHIRLTON 3-320

Closet: *Whirlton* elongated rim siphon jet closet.
Valve: No. 110 F Q YG YV *Royal* quiet flush valve with vacuum breaker, 1" screw driver angle stop and seat bumper.
Seat: 3-915 1½" white sheet covered seat and cover.
Roughs in 12" Rim to floor 15" Projection 27½"

SPEEDWAY 3-340

Closet: *Speedway* elongated rim blow-out closet.
Valve: No. 110 YV *Crown* flush valve with vacuum breaker, 1" stop, and flush connection.
Seat: Sperzel No. 50-E black solid plastic open front seat with self-sustaining hinge.
Roughs in 9" Rim to floor 14½" Projection 26½"



3-340

SPEEDWAY 3-341

Same as 3-340 except regular rim *Speedway* closet with Sperzel No. 50 black seat.

PURTON 3-360

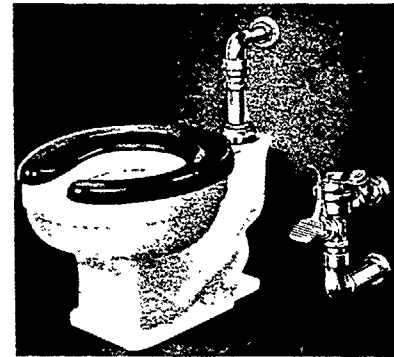
Closet: *Purton* elongated rim siphon jet closet with 3" clearance trapway.
Valve: No. 110 YV *Royal* flush valve with vacuum breaker, 1" stop, and flush connection.
Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
Roughs in 11" Rim to floor 14" Projection 28½"

PURTON 3-361

Same as 3-360 except with integral seat closet



3-360



3-363

PURTON 3-363

Closet: *Purton* elongated rim siphon jet closet with 3" clearance trapway.
Valve: No. 310 YV *Royal* flush valve with vacuum breaker, 1" screw driver straight stop, and combination handle and pedal.
Seat: Church 2500 Sani-Black hard rubber open front seat, with check hinge.
Roughs in 11" Rim to floor 14" Projection 28½"

BABY 3-380

Closet: *Baby* regular rim siphon jet closet.
Valve: No. 110 F YG YV *Royal* flush valve with vacuum breaker, 1" screw driver angle stop, and flush connection.
Seat: Church No. 442 1½" white sheet covered seat and cover.
Roughs in 9½" Rim to floor 10" Projection 23½"



3-400



3-380

TROY 3-400

Bowl: *Troy* elongated rim reverse trap closet with self-draining-jet.
Valve: No. 120 YV *Crown* flush valve with vacuum breaker, 1" stop, and elbow flush connection.
Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
Roughs in 12" Rim to floor 14" Projection 27½"

TROY 3-401

Same as 3-400 except regular rim *Troy* closet with Church No. 5700 seat.

PRICES COMPLETE

Number	Complete	Bowl Only	Shpg.Wt.
3-320	\$97.40	\$37.60	75 Lbs.
3-340	72.70	33.80	70
3-341	67.40	28.50	65
3-360	84.50	42.10	65
3-361	77.10	47.40	65
3-363	101.50	42.10	70
3-380	84.00	33.70	65
3-400	68.40	26.00	60
3-401	63.40	21.00	60

All exposed metal trim
on this page is
chromium plated



3-420

SAXONET 3-420

Closet: *Saxonet* regular rim washdown closet with jet.
Valve: No. 120 YV *Crown* flush valve with vacuum breaker, 1" stop, and elbow flush connection.
Seat: 3-904 1½" varnish finish open front wood seat.
Roughs in 12" Rim to floor 15" Projection 24½"

KING COTTON 3-430

Closet: *King Cotton* regular rim extra heavy washdown closet with 2 7/8" clearance trapway.
Valve: No. 120 YV *Crown* flush valve with vacuum breaker, 1" stop, and elbow flush connection.
Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
Roughs in 8" Rim to floor 14 3/8" Projection 25½"



3-430

KING COTTON 3-432

Closet: *King Cotton* regular rim extra heavy washdown closet with integral seat and 2 7/8" clearance trapway.
Valve: No. 154 YV *Crown* concealed flush valve with vacuum breaker, 1" stop, and metal push button. (For walls up to 6" thick - orders must specify wall thickness.)
Roughs in 5½" Rim to floor 14 3/8" Projection 23"



3-432

Wall Closets

WALTON 3-450

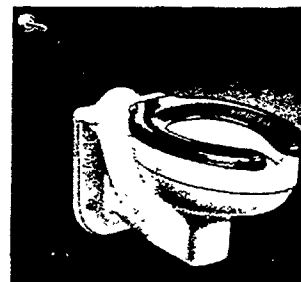
Closet: *Walton* elongated rim siphon jet wall closet.
Valve: No. 112 YV *Royal* flush valve with vacuum breaker, 1" stop, and flush connection.
Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
Support: C 37-143-G supporting flange for 4" iron pipe, with cap nuts and washers.
Roughs in 5½" Rim to floor 15 3/8" Projection 25½"



3-450

WALTON 3-452

Closet: *Walton* elongated rim siphon jet wall closet.
Valve: No. 143 YV *Royal* concealed flush valve with vacuum breaker, 1" stop, and flush connection. (For walls up to 6" thick - orders must specify wall thickness.)
Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
Support: C 37-143-G supporting flange for 4" iron pipe, with cap nuts and washers.
Roughs in 5½" Rim to floor 15 3/8" Projection 25½"



3-452

3-456

WALTON 3-456

Closet: *Walton* elongated rim siphon jet wall closet.
Valve: No. 313 *Royal* concealed flush valve with vacuum breaker, 1" wheel handle angle stop, and foot pedal. (For walls up to 6" thick - orders must specify wall thickness.)
Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
Support: C 37-143-G supporting flange for 4" iron pipe, with cap nuts and washers.
Roughs in 5½" Rim to floor 15 3/8" Projection 25½"



PRICES COMPLETE

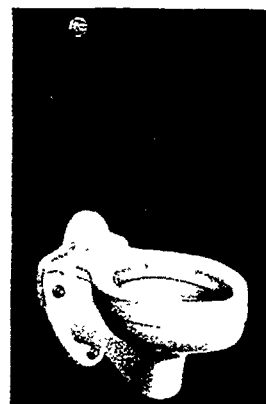
Number	Complete	Bowl Only	Shpg.Wt.
3-420	\$56.90	\$17.80	50Lbs.
3-430	74.60	32.20	70
3-432	67.80	37.50	70
3-450	107.50	46.30	110
3-452	109.40	46.30	115
3-456	116.90	46.30	115

All exposed metal trim on this page is chromium plated.



3-460

RAPIDWAY 3-460
 Closet: *Rapidway* elongated rim blow-out wall closet.
 Valve: No. 112 YV *Crown* flush valve with vacuum breaker, 1" stop, and flush connection.
 Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
 Support: C 37-144-G supporting flange for 4" iron pipe, with cap nuts and washers.
 Roughs in 12½" Rim to floor 15½" Projection 24½"



3-462

RAPIDWAY 3-462
 Closet: *Rapidway* elongated rim blow-out wall closet with integral seat.
 Valve: No. 152 YV *Crown* concealed flush valve with vacuum breaker, 1" stop, and flush connection. (For walls up to 6" thick - orders must specify wall thickness.)
 Support: C 37-144-G supporting flange for 4" iron pipe, with cap nuts and washers.
 Roughs in 12½" Rim to floor 15½" Projection 22"



3-464

RAPIDWAY 3-464
 Closet: *Rapidway* elongated rim blow-out wall closet.
 Valve: No. 144 YV *Crown* concealed flush valve with vacuum breaker, 1" stop, and flush connection. (For walls up to 6" thick - orders must specify wall thickness.)
 Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
 Support: C 37-144-G supporting flange for 4" iron pipe, with cap nuts and washers.
 Roughs in 12½" Rim to floor 15½" Projection 22"



3-466



3-468

RAPIDWAY 3-466
 Closet: *Rapidway* elongated rim blow-out wall closet.
 Valve: No. 313 YV *Royal* concealed flush valve with vacuum breaker, 1" wheel handle angle stop, and combination handle and pedal.
 Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
 Support: C 37-144-G supporting flange for 4" iron pipe, with cap nuts and washers.
 Roughs in 12½" Rim to floor 15½" Projection 22"



3-470

LOWALL 3-468

Closet: *Lowall* elongated rim blow-out wall closet with twin jets.
 Valve: No. 112 YV *Crown* flush valve with vacuum breaker, 1" stop, and flush connection.
 Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
 Support: C 37-144-G supporting flange for 4" iron pipe, with cap and washers.
 Roughs in 10¾" Rim to floor 14" Projection 24½"

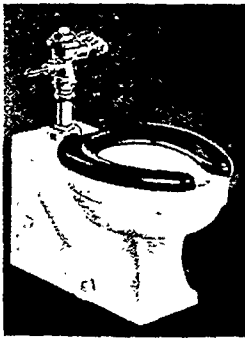
LOWALL 3-470

Closet: *Lowall* elongated rim blow-out wall closet with twin jets.
 Valve: No. 143 YV *Crown* concealed flush valve with vacuum breaker, 1" stop, and flush connection. (For walls up to 6" thick - orders must specify wall thickness.)
 Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
 Support: C 37-144-G supporting flange for 4" iron pipe with cap nuts and washers.
 Roughs in 10¾" Rim to floor 14" Projection 24½"

All exposed metal trim on this page is chromium plated.

PRICES COMPLETE

Number	Complete	Bowl Only	Shpg.Wt.	Number	Complete	Bowl Only	Shpg.Wt.
3-460	\$100.80	\$43.50	100 Lbs.	3-466	\$119.60	\$43.50	110 Lbs.
3-462	94.70	48.80	105	3-468	100.80	43.50	105
3-464	102.80	43.50	105	3-470	102.80	43.50	115



3-475

SANWALTON 3-475
Closet: *Sanwalton* elongated rim siphon jet closet, wall outlet.
Valve: No. 110 F YV *Royal* flush valve with vacuum breaker, 1" screw driver angle stop, and flush connection.
Seat: Church 2500 Sani-Black hard rubber open front seat with check hinge.
Roughs in 4½" Rim to floor 14½" Projection 26"



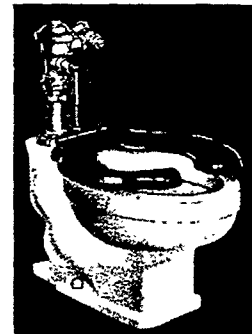
3-476

SANWALTON 3-476
Closet: *Sanwalton* elongated rim siphon jet closet with integral seat, wall outlet.
Valve: No. 150 YV *Royal* concealed flush valve with vacuum breaker, 1" stop, and 1" female union outlet. (For walls up to 6" thick - order must specify wall thickness.)
Roughs in 4½" Rim to floor 14½" Projection 26"



3-487

ANGLETON 3-487
Closet: *Angleton* regular rim blow-out closet with integral seat, wall outlet.
Valve: No. 150 YV *Crown* concealed flush valve with vacuum breaker, 1" stop, and flush connection. (For walls up to 6" thick - order must specify wall thickness.)
Roughs in 11" Rim to floor 15" Projection 22"



3-498

PURTON 3-498
Closet: *Purton* elongated rim siphon jet closet with 3" clearance trapway.
Valve and Seat: No. 161 YV YS *Royal* seat-operated flush valve with vacuum breaker, 1" screw-driver angle stop, flush connection and Church Sani-Black hard rubber open front and back seat with check hinge.
Roughs in 11" Rim to floor 14" Projection 28½"



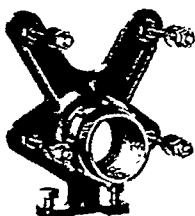
3-500

SANTON 3-500
Closet: *Santon* elongated rim siphon jet closet.
Valve and Seat: No. 161 YV YS *Crown* seat-operated flush valve with vacuum breaker, 1" screw-driver angle stop, flush connection and Church Sani-Black hard rubber open front and back seat with check hinge.
Roughs in 12" Rim to floor 15" Projection 27½"



3-502

WALTON 3-502
Closet: *Walton* elongated rim siphon jet wall closet.
Valve and Seat: No. 161 YV YS *Royal* seat-operated flush valve with vacuum breaker, 1" screw-driver angle stop, flush connection and Church Sani-Black hard rubber open front and back seat with check hinge.
Support: C 37-143-G supporting flange for 4" iron pipe, with cap nuts and washers.
Roughs in 5½" Rim to floor 15 3/8" Projection 25½"



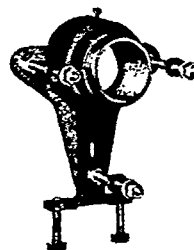
C 37-143-G

C 37-143-G
For *Walton* Closets
Cast iron closet supporting flange unit with galvanized outlet connection for 4" iron pipe, with cap nuts and washers.

C 37-143 with brass outlet connection.

C 37-144-G
For *Rapidway* and *Lowall* Closets
Cast iron closet supporting flange unit with galvanized outlet connection for 4" iron pipe, with cap nuts and washers.

C 37-144 with brass outlet connection.



C 37-144-G

All exposed metal trim on this page is chromium plated.

PRICES COMPLETE

Number	Complete	Bowl Only	Shpg. Wt.
3-475	\$94.10	\$51.70	100 Lbs.
3-476	84.40	56.50	100
3-487	77.50	51.20	85
3-498	116.40	42.10	75
3-500	106.60	34.10	80
3-502	139.40	46.30	110
C 37-143-G		18.80	28
C 37-143		20.60	28
C 37-144-G		16.70	23
C 37-144		18.40	23



3-525

SANTON 3-525
Closet: Santon elongated rim siphon jet closet.
Trim: Modern-Kelly No. 132-ST brass seat-action pressure tank valve with 1/2" supply, open front Sani-Black hard rubber seat for elongated rim closet, 8 x 24" galvanized steel concealed tank with 1 1/4" x 30" galvanized flush pipe, and connections for walls up to 6" thick. (Orders must specify wall thickness.)
Minimum operating pressure required at valve is 35 pounds.
Roughs in 12" Rim to floor 15" Projection 27 1/2"

SANTON 3-526
Same as 3-525 except with Modern-Kelly No. 131-ST trim with exposed tank, for elongated rim closet.
Roughs in 11 1/2" Rim to floor 15" Projection 27"

SAXONET 3-532
Closet: Saxonet regular rim washdown closet with jet.
Trim: Modern-Kelly No. 131-SB brass seat-action pressure tank valve with 1/2" supply, open front Sani-Black hard rubber seat, 8 x 24" galvanized steel exposed tank with 1 1/4" x 30" galvanized flush pipe, and connection.
Minimum operating pressure required at valve is 20 pounds.
Roughs in 12 3/4" Rim to floor 15" Projection 25 1/4"

SAXONET 3-533
Same as 3-532 except with Modern-Kelly No. 132-SB trim with concealed tank and connections for walls up to 6" thick. (Orders must specify wall thickness.)
Roughs in 12 3/4" Rim to floor 15" Projection 25 1/4"

The above units are also available with the following:
Back-Siphonage Device; Chromium Plated Flush Pipe and Varnish Finish Wood Seat.

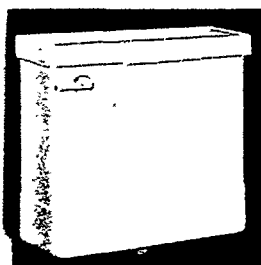
3-560 NEU-ERA TANK
Neu-Era 6-gallon vitreous china tank with Douglas type flush valve, brass float valve and elbow flush connection, bottom supply.
Width 17 3/4" Depth 7 3/8" Height 16 1/2"

3-570 IPSWICH TANK
Ipswich 8-gallon vitreous china tank with Douglas type flush valve, brass float valve and elbow flush connection, bottom supply.
Width 22" Depth 8 1/2" Height 16 3/4"

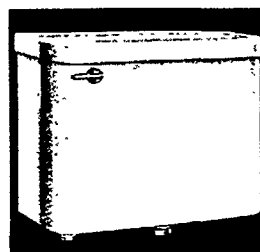
Neu-Era and Ipswich tanks are also available with anti-siphon float valves.



3-532



3-560



3-570



SANETO

Regular or elongated rim siphon jet closet with 1 1/2" top spud.
Roughs in 10" with flush valve



NEUDEC

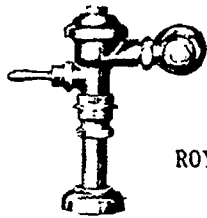
Regular rim washdown closet with 2" back spud for low tank
Roughs in 10" with low tank

PRICES COMPLETE

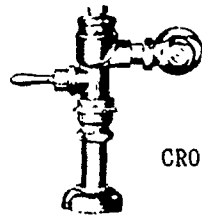
Number	Price	Shpg.Wt.
3-525	\$133.10	120 Lbs.
3-526	130.10	115
3-532	115.80	95
3-533	118.80	100
For back-siphon device,		Add \$14.00
For 1 1/4" x 30" Chr.Pl. pipe,		Add 10.00
For wood seat,		Deduct 14.00
Number	Price	Shpg.Wt.
3-560	\$25.10*	55 Lbs.
3-570	29.40*	75
Saneto, Reg.	29.10	60
Saneto, Elong.	34.10	60
Neudec, Reg.	21.40	45

*For anti-siphon float valve, Add \$1.70

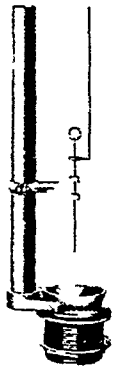
Unless otherwise specified, all exposed metal trim on this page is Chromium Plated.



ROYAL



CROWN



C 14-230
1/4" brass float rod-20 threads.
Lengths: 6", 7", 8", 9" and 10"
Per Doz..... \$2.88

C 13-831

C 14-116

2" Flush valve with guide,
lift wires, 1x11" overflow
and locknut. (M-VB #41)
Price each.....\$2.86

C 14-234

10" Refill tube-Doz.\$3.36

C 14-238

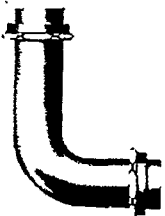
4 1/2" brass lift wire
Per 100.....\$8.54

C 14-240

7 1/2" brass lift wire
Per 100.....\$11.70

C 14-245

Rgh. pl. adjustable guide
Fits all overflow tubes.
Each.....\$.46



C 14-270

Chr.Pl. low tank
flush elbows.

4x6" each....\$2.64
5x7" each.... 2.82

C14-210

4x5" Oval solderless
copper float ball with
1/4-20 threaded tapping.
Price each.....\$0.52

C 43-043

"Crano" Black Cone
Top Tank Ball

2 1/2" each.....\$0.54
2 1/4" each.....\$0.58



C 14-475

Brass Closet out-
let flange for 4"
Lead Pipe.

Each.....\$1.20

C 43-050

Triple Seal Tank
Ball

Std., each.....\$0.80
Large, each.....\$0.90



SLOAN FLUSH VALVES			ROYAL	CROWN
**Number	Flush Con.	Stop	Price C.P. Brass	
110 YO YV	1 1/2"	1"	\$30.50	\$28.70
110 YO			26.70	24.80
110 YV	Straight	Angle	29.70	27.90
120 YO YV	1 1/2"	1"	32.10	30.50
120 YO			28.30	26.70
120 YV	Elbow	Angle	31.30	29.70
*150 YV	None	1"Str.	27.90	26.30
186	2"	2"	25.90	24.00
186 YV	Straight	Angle	29.70	27.90
*195	2" elbow	2"Str.	26.50	24.90

*Concealed type. **YO with number means with seat bumper - YV with number means with vacuum breaker.

If less YV - Deduct
Exposed \$3.90
Concealed 3.30

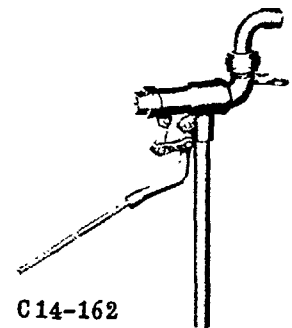
If less YO Deduct \$0.80



C 14-164

High tank bottom supply
ballcock with 3/8" tail-
piece and float rod.
(M-VB #25)

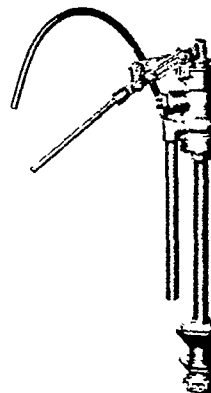
Price each.....\$3.52



C 14-162

High tank top supply
ballcock with float rod
& 3/8" adj. tail elbow.
(M-VB #4)

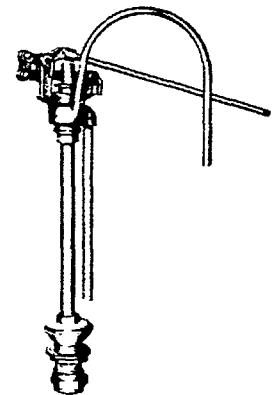
Price each.....\$4.26



9-500 HY-LO

Crane Hy-lo quiet acting
elevated bottom supply
float valve with STEATITE
ceramic seat, float rod,
and refill tube.

Price each.....\$4.56

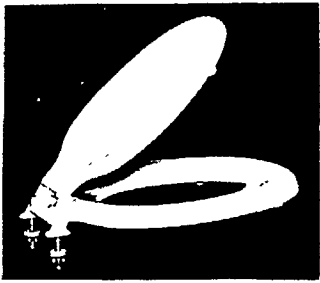


C 14-176

"S" line elevated
bottom supply float
valve with float rod and
refill tube.

Price each.....\$3.06

Specify "S-VB" if with
vacuum breaker,
Add.....\$1.90



CHURCH 1050 (Elongated)
1250 (Regular rim)
Black (or white) *Mol-Tex* plastic
closed front saddle seat and
cover with *Mol-Tex* hinge.....
Price \$27.60



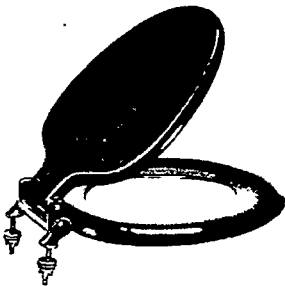
CHURCH 1070 (Elongated)
1270 (Regular rim)
Black (or white) *Mol-Tex* plastic
open front saddle seat and cover
with *Mol-Tex* hinge..Price \$27.60



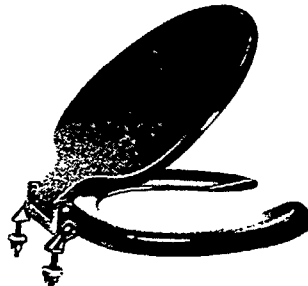
CHURCH 2500 (Elongated)
5700 (Regular rim)
Sani-Black hard rubber open front
seat, no cover with check hinge
Price.....\$12.70



CHURCH 9500 (Elongated)
9700 (Regular rim)
Black (or white) *Mol-Tex* open
front seat, no cover with check
hinge.....Price \$16.50



OLSON-ITE #50
Black or White solid plastic
closed front seat and cover for
regular bowl.
Each - Black \$12.00 White \$17.30
#51, same less cover.
Each - Black \$10.00 White \$12.00



OLSON-ITE #52
Black or White solid plastic
open front seat and cover for
regular bowl.
Each - Black \$12.00 White \$17.30
#53, same less cover.
Each - Black \$10.00 White \$12.70

Catalog Number	Description (1 1/4" Stock)	Closet Rim	Seat Back	Varnish Finish	Sprayed White	Sheet Covered *1 1/4" *1 1/2"
3-900	Open Front Seat & Cover	Regular	Square	\$9.70	\$11.70	\$15.50 —
3-901		Elongated	Square	—	13.30	17.00 —
3-902		Regular	Extended	—	19.50	\$21.60
3-903		Elongated	Extended	—	—	22.70 25.30
3-904	Open Front Seat Only	Regular	Square	8.60	9.40	12.30 —
3-906		Extended	—	—	—	16.50 —
3-907		Elongated	Extended	—	—	19.70 —
3-912	Closed Front Seat & Cover	Regular	Square	8.30	10.60	15.60 —
3-913		Elongated	Square	8.70	12.90	16.30 —
3-914		Regular	Extended	—	—	17.60 20.30
3-915		Elongated	Extended	—	—	21.10 23.70
3-916	Closed Front Seat Only	Regular	Square	7.30	8.30	11.70 —
3-918			Extended	—	—	14.90 —

Specify finish. *When ordering specify wood stock size.



SPERZEL LP-40E (Elongated)
LP-40 (Regular rim)

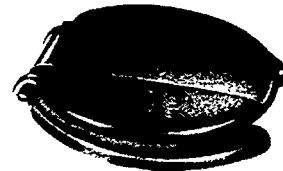
Sanitary toilet seat especially de-
signed for public washrooms. Has two
double strength plastic seat pads,
with plastic covered steel yoke and
self-sustaining hinge posts.

Price each, Black \$17.20

SPERZEL LP-20E (Elongated)
LP-20 (Regular rim)

Same as above except with self-
raising hinge.

Price each, Black \$19.90

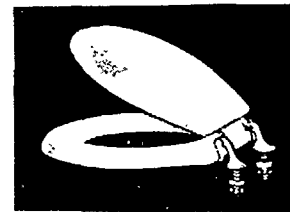


SPERZEL #55-E (Elongated)
#55 (Regular Rim)

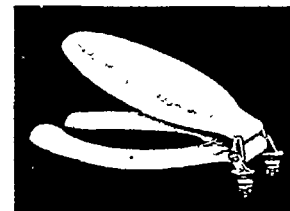
Black solid plastic open front seat
and cover with self sustaining hinge.
Each \$22.50

SPERZEL #75 (Regular Rim)

Black solid plastic closed front seat
and cover with self sustaining hinge.
Each \$22.50



3-912 (Square back)



3-902 (Extended back)

HALL-MACK CORONADO ACCESSORIES

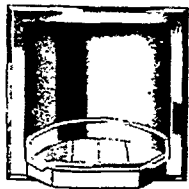
Number	Description	Price Each
620	Soap Holder, non-draining	\$1.76
621	Soap Holder with drain holes	1.90
622	Soap Holder with crystal tray	2.10
630	Tumbler and Toothbrush Holder	1.76
670	Paper Holder C. P. Roller	3.50
671	Paper Holder Black Roller	2.94
681	Robe Hook	1.12
694	Square Towel Bar 18" long	3.64
694	Square Towel Bar 24" long	3.92
694	Square Towel Bar 30" long	4.20
694	Square Towel Bar 36" long	4.62
695	Round Towel Bar 18" long	3.58
695	Round Towel Bar 24" long	3.78
695	Round Towel Bar 30" long	4.00
695	Round Towel Bar 36" long	4.34
625	Recessed Soap Holder	4.48
645	Recessed Tumbler Holder	4.14
665	Recessed Soap Holder and Grab Rod	6.30
675	Recessed Paper Holder C. P. Roller	5.32
676	Recessed Paper Holder Black Roller	4.76



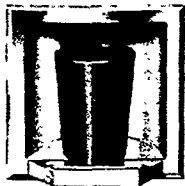
No. 622



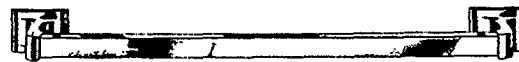
No. 630



No. 625



No. 645



No. 694 - Square Chrome Plated Brass Bar



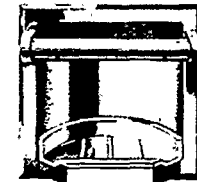
No. 695 - 3/4" Round Chrome Plated Brass Bar



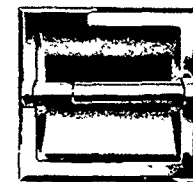
No. 670 & 671



No. 681



No. 665



No. 675 & 676

HALL-MACK ARISTOCROME ACCESSORIES

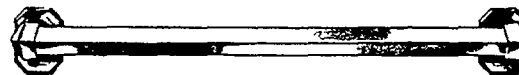
Number	Description	Price Each
320	Soap Holder, non-draining	\$4.90
321	Soap Holder with drain holes	5.04
322	Soap Holder with crystal tray	5.26
330	Tumbler and Toothbrush Holder	4.20
370	Paper Holder	5.96
381	Robe Hook	2.46
394	Square Towel Bar 18" long	6.16
394	Square Towel Bar 24" long	6.44
394	Square Towel Bar 30" long	6.72
394	Square Towel Bar 36" long	7.14
325	Recessed Soap Holder	5.40
338	Recessed Lavatory Unit	23.10
345	Recessed Tumbler Holder	5.04
365	Recessed Soap Holder and Grab Rod	7.70
375	Recessed Paper Holder	5.74



No. 322



No. 370



No. 394 - Square Chrome Plated Brass Bar



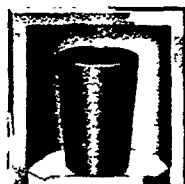
No. 330



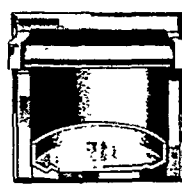
No. 381



No. 325



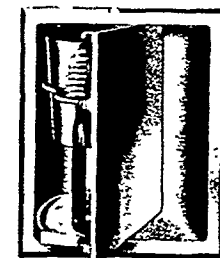
No. 345



No. 365

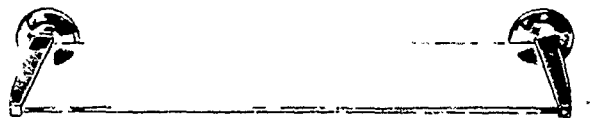


No. 375



No. 338

GERITY "NEWPORT" BATHROOM ACCESSORIES



No. 818 1/4x5x18"
No. 824 1/4x5x24"
No. 830 1/4x5x30"



No. 8812 12" bar
No. 8818 18" bar
No. 8824 24" bar
No. 8830 30" bar
No. 8836 36" bar



No. 1614 14" bar
No. 1620 20" bar



No. 815



No. 816



No. 828



No. 829



No. 8115 Chr. Roller
No. 811 Wood Roller



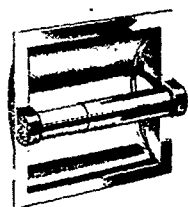
No. 819



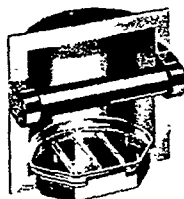
No. 835



No. 848

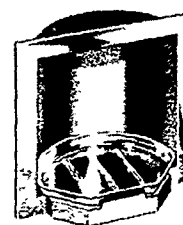


No. 8305 Chr. Roller
No. 8300 Wood Roller

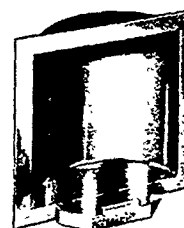


No. 8330

Number	Description	Price Each
811	Paper Holder, with Wood Roller	\$2.82
815	Soap Holder	2.34
816	Toothbrush Holder	1.80
818	Glass Shelf 1/4x5x18"	5.10
819	Single Robe Hook	1.20
824	Glass Shelf 1/4x5x24"	5.34
828	Tumbler Holder	2.34
829	Tumbler and Toothbrush Holder	2.58
830	Glass Shelf 1/4x5x30"	5.58
835	Double Robe Hook	2.10
848	Grab Bar 8" Long	3.42
1614	Clamp on Towel Bar 14" Long	2.64
1620	Clamp on Towel Bar 20" Long	3.06
8115	Paper Holder with C.P. Roller	3.42
8300	Recessed Paper Holder, with Wood Roller	5.10
8305	Recessed Paper Holder, with C.P. Roller	5.70
8310	Recessed Soap Holder	4.68
8320	Recessed Tumbler Holder	4.50
8330	Recessed Grab Bar and Soap Holder	6.78
8812	Octagon Towel Bar 12" Long	3.54
8818	Octagon Towel Bar 18" Long	4.02
8824	Octagon Towel Bar 24" Long	4.20
8830	Octagon Towel Bar 30" Long	4.44
8836	Octagon Towel Bar 36" Long	5.10

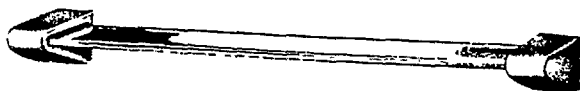


No. 8310



No. 8320

CLIP-ON EXPOSED TYPE



4-200

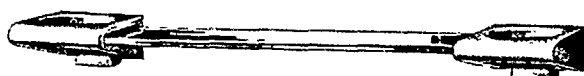
Clear crystal glass shelf and vitreous china brackets.
Lengths: 18" and 24" Shelf 5" wide

Exclusive Crane design—styling harmonizes with the new Crane fixture designs.

Easily-cleaned, stain-resisting vitreous china.

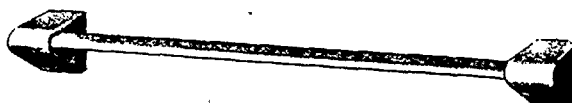
Simple to install spring clip hanger may be attached to wall after tiling and decorating is finished.

Built-in recess types have overlapping flange that completely conceals recess in wall.



4-203

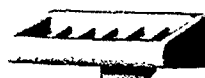
Clear crystal glass shelf and vitreous china brackets with tumbler depressions.
Lengths: 18" and 24" Shelf 3½" wide



4-205

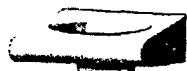
Sheet covered wood towel bar with vitreous china brackets.

Lengths: 18" 24" 30" 36"



4-208

Vitreous china soap dish.
Size: 3½x5"



4-210

Vitreous china tumbler holder.
Size: 3½x3½"

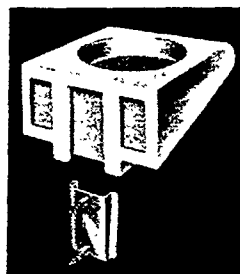
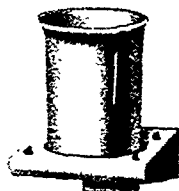


Illustration showing manner of installing fixtures having spring type clip-on hanger. Screw hanger to wall, then slip on the fixture.



4-212

Vitreous china tooth brush and tumbler holder. (Tumbler not included)
Size: 3½x3½"



4-215

Vitreous china tooth brush holder with clear Cranelon cover.
Size: 6½x2½"



4-218

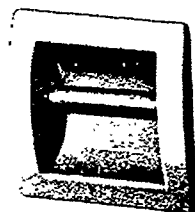
Vitreous china robe hook.



4-220

Vitreous china toilet paper holder with wooden spring type roller.

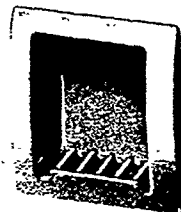
BUILT-IN RECESS TYPE



4-225

Vitreous china built-in recess toilet paper holder with wooden spring type roller.

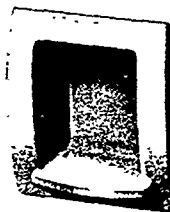
Recess required: 6" wide 6" high 3½" deep



4-228

Vitreous china built-in recess soap dish with drain grooves.

Recess required: 5½" wide 6" high 3½" deep



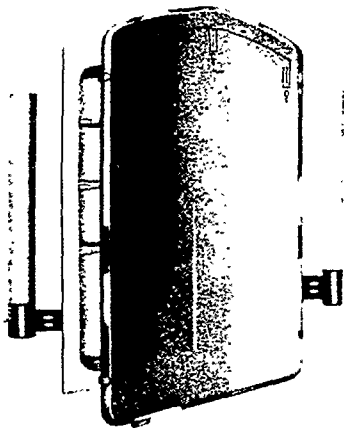
4-230

Vitreous china built-in recess tumbler holder.

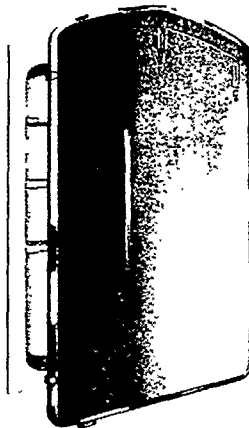
Recess required: 5½" wide 6" high 3½" deep

PRICES COMPLETE

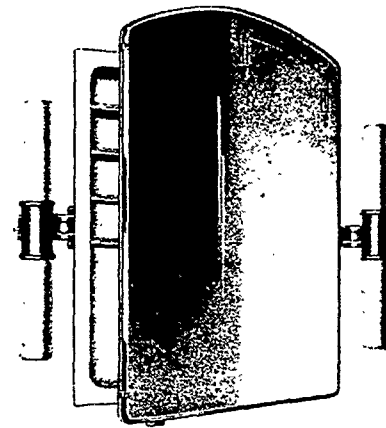
Number	Price	Shpg.Wt.
4-200	Prices and Shipping Weights on application	
4-203		
4-205		
4-208		
4-210		
4-212		
4-215		
4-218		
4-220		
4-225		
4-228		
4-230		



No. 3199-55



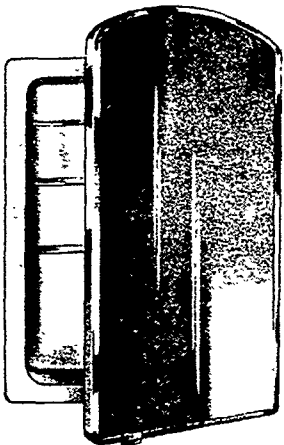
Nos. 3199 and 3388



No. 3388-60

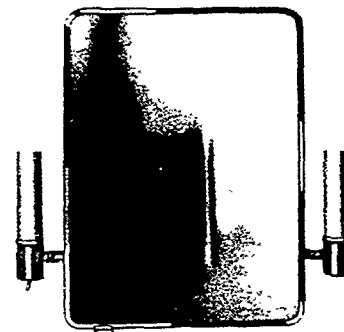
BATHROOM CABINETS

Seamless drawn one-piece steel bodies, no seams
High lustre white baked enamel finish
Bar door stop and piano hinges
Plate glass mirrors
Clear glass shelves with bulb edges



SF-264

Mfgr.	Number	Mirror Size	Rough Wall Opening	Price each	Shpg.Wt. Pounds
Lawson	3199	16x24"	13 $\frac{5}{8}$ x19 $\frac{3}{8}$ x3 $\frac{1}{2}$ "	\$27.00	29
	*3199-55	16x24"	13 $\frac{5}{8}$ x20 $\frac{1}{8}$ x3 $\frac{1}{2}$ "	53.90	36
	3388	18x26"	16 $\frac{1}{8}$ x21 $\frac{3}{8}$ x3 $\frac{1}{2}$ "	32.90	36
	**3388-60	18x26"	16 $\frac{1}{8}$ x22 $\frac{1}{8}$ x3 $\frac{1}{2}$ "	62.90	47
Grote	SF-264	16x24"	13 $\frac{5}{8}$ x18 $\frac{7}{8}$ x3 $\frac{3}{8}$ "	25.70	25
	**LSF-440-P	14x20"	12 $\frac{1}{2}$ x17 $\frac{1}{8}$ x3 $\frac{1}{2}$ "	37.10	25
Parker	*8001-TL	18x24"	15 $\frac{1}{2}$ x22 $\frac{1}{2}$ x4"	66.40	40
	8001	18x24"	15 $\frac{1}{2}$ x21 $\frac{3}{4}$ x4"	32.50	28
	**8001-ASL	16x22"	13 $\frac{3}{4}$ x20 $\frac{1}{2}$ x4"	45.10	32
	8001-A	16x22"	13 $\frac{3}{4}$ x19 $\frac{3}{4}$ x4"	26.50	26
	7001	18x24"	15 $\frac{1}{2}$ x21 $\frac{3}{4}$ x4"	89.30	37
	7000	22x28"	20x26 $\frac{3}{4}$ x4"	130.90	78

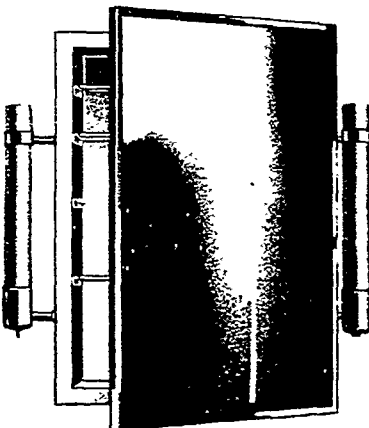


LSF-440-P

*Recommend T-8 40-watt clear Mazda bulbs.

**Recommend T-10 40-watt clear Mazda bulbs.

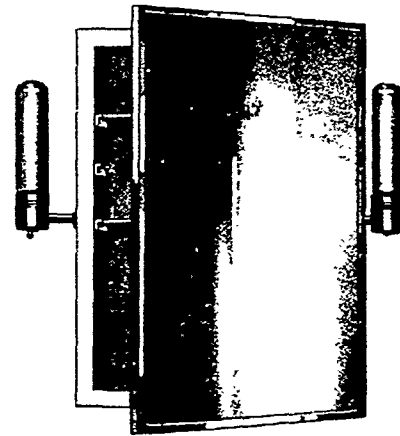
Light switch and convenience outlets are furnished with all lighted cabinets; light bulbs are extra.
No. 7000 and 7001 Cabinets with Lumiline lights require 18" 60-watt bulbs.



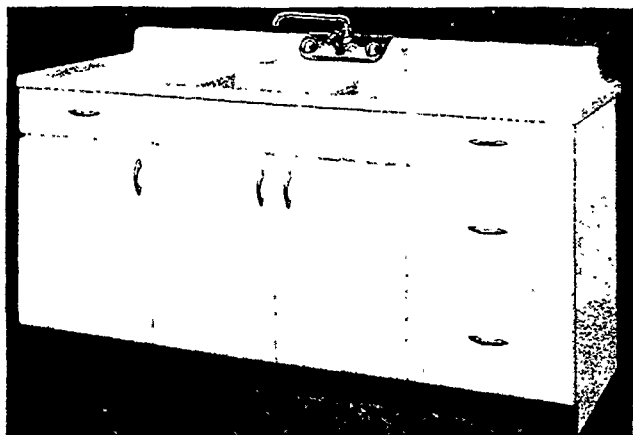
No. 8001-TL with side lights
No. 8001, less lights



Nos. 7000 and 7001



No. 8001-ASL with side lights
No. 8001-A, less lights



5-70

SUNNYDAY 5-80

Sink: *Sunnyday* acid-resisting vitreous enameled cast iron single basin sink with double drainboards, convex fixture panel, and soap depression.

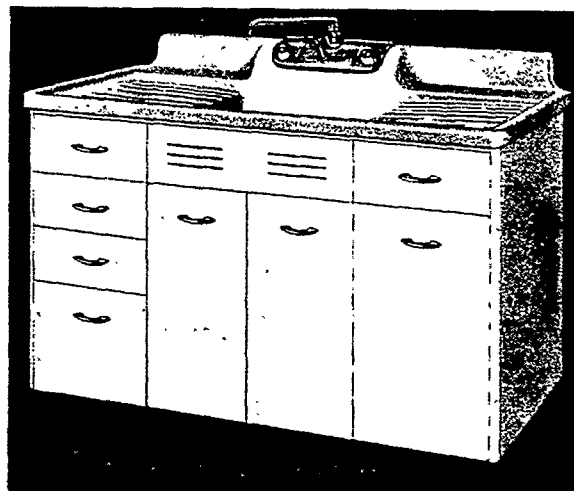
Trim: 8-65 *Temple* ½" supply trim with *Dial-ease* Controls, swinging spout, automatic diverter, thumb control spray with retractable hose, and pearl-gray *Cranelon* covering plate.

Waste: 8-360 1½" *Recepto* hand-operated waste.

Trap: 8-420 1½" Rgh. Pl. bent tube "P" trap.

Cabinet: Baked enamel steel cabinet with double faced doors and drawers.

Size 60x25½" Basin 22x18x8" deep Back 4" high
54x25½"



5-80

**HOMEMAKER 5-85 (Left hand drainboard)
5-86 (Right hand drainboard)**

Sink: *Homemaker* acid-resisting vitreous enameled cast iron single basin sink with drainboard, convex fixture panel, and soap depression.

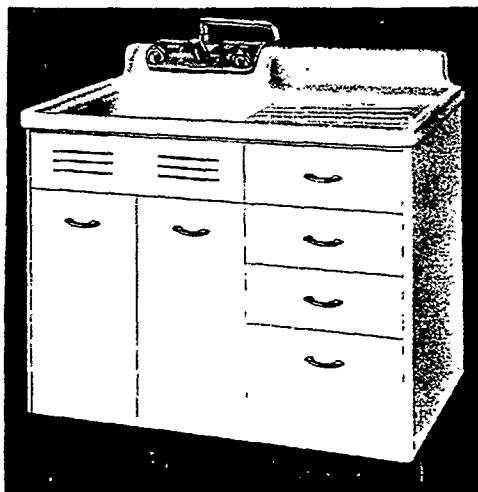
Trim: 8-65 *Temple* ½" supply trim with *Dial-ease* Controls, swinging spout, automatic diverter, thumb control spray with retractable hose, and pearl-gray *Cranelon* covering plate.

Waste: 8-360 1½" *Recepto* hand-operated waste.

Trap: 8-420 1½" Rgh. Pl. bent tube "P" trap.

Cabinet: Baked enamel steel cabinet with double faced doors and drawers.

Size 42x25½" Basin 20x18x8" deep Back 4" high



5-85



SPRING-FLO AERATOR

Aerates the water before its use, revitalizing it by restoring the oxygen lost in the water pipes.

NOTE: White enamel finish wood cabinets are also available for the above sinks.

PRICES COMPLETE

Number	White Sink *Steel Cabt.	White Sink *Wood Cabt.	White Sink less cabinet	Colored Sink less cabinet	Shpg. Wt. complete	Shpg. Wt. Cabt. Only
5-70	\$310.50	\$313.00	\$190.50	\$216.40	590 Lbs.	260 Lbs.
5-80 54"	223.20	223.80	121.30	136.20	475	215
5-80 60"	233.50	235.50	125.50	141.20	500	225
5-85	179.20	180.90	100.90	—	375	170
5-86						

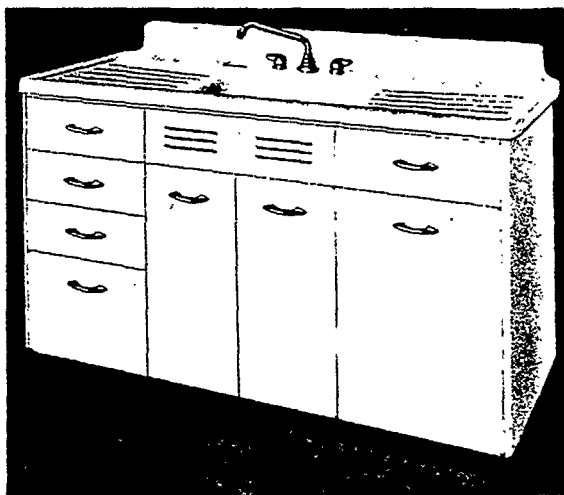
For Spring-Flo Aerator, Add \$1.34

*Steel Cabinets, F.O.B. Chicago, Ill., or Maumee, O.

*Wood Cabinets, F.O.B. Cleveland, O.

GE Disposall units can be used with all of the above sinks.

Unless otherwise specified, all exposed metal trim is chromium plated.



5-91

SUNNYCREST 5-91

Sink: *Sunnycrest* acid-resisting vitreous enameled cast iron single basin sink with double drainboards and soap depression.

Trim: 8-84 *Embassy* supply trim with *Dial-eat* Controls, swinging spout, and metal lever handles.

Waste: 8-360 1½" *Recepto* hand-operated waste.

Trap: 8-420 1½" Rgh.Pl. bent tube "P" trap.

Cabinet: Baked enamel steel cabinet with double faced doors and drawers.

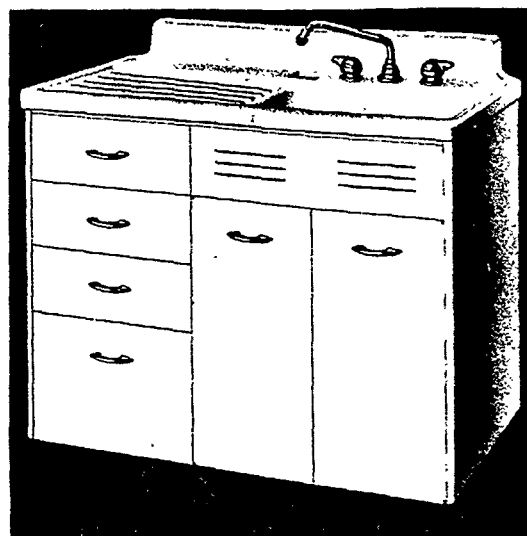
Size 60x22½"
54x22½"

Basin 22½x15x8" deep
20x15x8"

Back 4" high

SUNNYCREST 5-91½

Same as 5-91 except with 8-85 *Embassy* three valve supply trim.



5-98

**STEWARDESS 5-98 (Left hand drainboard)
5-97 (Right hand drainboard)**

Sink: *Stewardess* acid-resisting vitreous enameled cast iron single basin sink with drainboard.

Trim: 8-84 *Embassy* supply trim with *Dial-eat* Controls, swinging spout, and metal lever handles.

Waste: 8-360 1½" *Recepto* hand-operated waste.

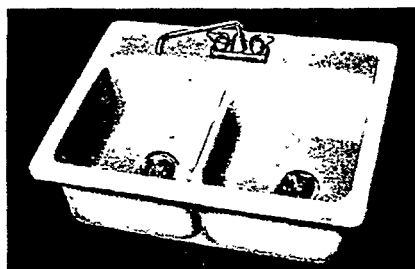
Trap: 8-420 1½" Rgh.Pl. bent tube "P" trap.

Cabinet: Baked enamel steel cabinet with double faced doors and drawers.

Size 42x22½" Basin 20x15x8" deep Back 4" high

**STEWARDESS 5-98½ (Left hand drainboard)
5-97½ (Right hand drainboard)**

Same as 5-98 and 5-97 except with 8-85 *Embassy* three valve supply trim.

DURACLAY FLAT RIM SINKS


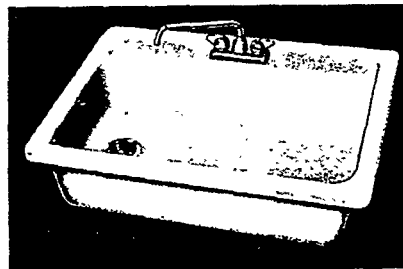
5-110

Sink: *Tuson* vitreous glazed Duracloy two-compartment flat rim sink with extended back ledge.

Trim: 8-79 *Crestmont* supply trim with *Dial-eat* Controls, metal lever handles and cover plate.

Wastes: Two 8-360 1½" *Recepto* hand-operated wastes.

Sizes 32x21" and 38x21" Basins 8" deep
Traps are not included.



5-115

Sink: Vitreous glazed Duracloy flat rim sink with extended back ledge.

Trim: 8-79 *Crestmont* supply trim with *Dial-eat* Controls, metal lever handles and cover plate.

Waste: 8-360 1½" *Recepto* hand-operated waste.

Size 32x21" 6" deep

Trap is not included.

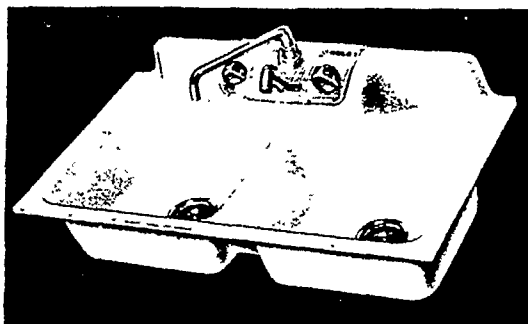
PRICES COMPLETE

Number	Complete #Steel Cabt.	Complete #Wood Cabt.	Sink & Trim less Cabinet	Shpg.Wt. Complete	Shpg.Wt. Cabt.Only
5-91 54"	\$205.00	\$176.00	\$103.10	465 Lbs.	215 Lbs.
5-91 60"	215.10	185.50	107.10	485	220
5-91½ 54"	210.60	181.60	108.70	470	215
5-91½ 60"	220.70	191.10	112.70	490	220
5-98 or 5-97	161.00	149.70	82.70	365	165
5-98½ or 5-97½	166.60	155.30	88.30	370	165
5-110 32x21"	—	—	88.50	150	—
5-110 38x21"	—	—	94.60	175	—
5-115 32x21"	—	—	61.20	130	—

For Spring-flo Aerator, Add \$1.34

#Steel cabinets, F.O.B. Maumee, Ohio #Wood cabinets F.O.B. Clayton, Mo.

Unless otherwise specified,
all exposed metal trim is chromium plated.

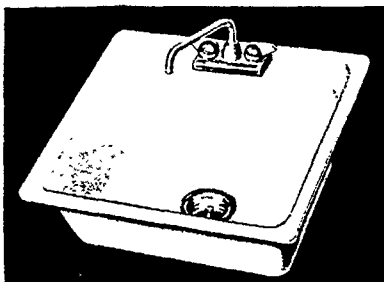


ALL-AMERICAN 5-120

Sink: All-American acid-resisting vitreous enameled cast iron two-basin flat rim sink with convex fixture panel.

Trim: 8-65 Temple 1/2" supply trim with Dial-est Controls, swinging spout, automatic diverter, thumb control spray with retractable hose, and pearl-gray Cranelon covering plate.

Wastes: Two 8-360 1 1/2" Recepto hand-operated wastes.
Size 38x21" 8" deep Back 4" high



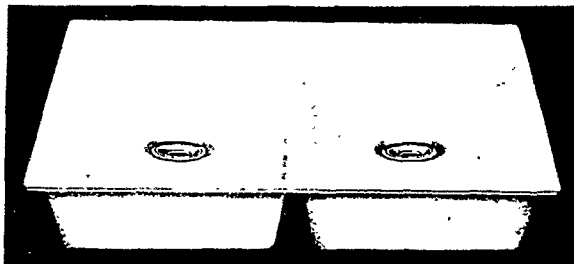
5-135

Sink: Acid-resisting vitreous enameled cast iron flat rim sink with extended back ledge.

Trim: 8-79 Crestmont supply trim with Dial-est Controls, metal lever handles and cover plate.

Waste: 8-360 1 1/2" Recepto hand-operated waste.

Size 24x21" Basin 15 1/2 x 21 1/2 x 8" deep
30x21" 15 1/2 x 27 1/2 x 8" deep



5-160

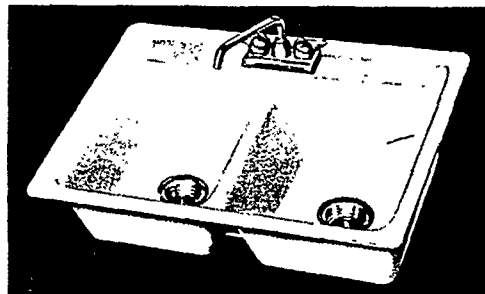
Sink: Acid-resisting vitreous enameled cast iron two-basin flat rim sink.

Wastes: Two 8-360 1 1/2" Recepto hand-operated wastes.
Sizes 32x20x8" deep 42x20x8" deep



8-79 Crestmont supply trim with Dial-est Controls may be used with flat rim sinks installed in linoleum or composition counter tops.

All exposed
metal trim on
this page is
chromium plated.

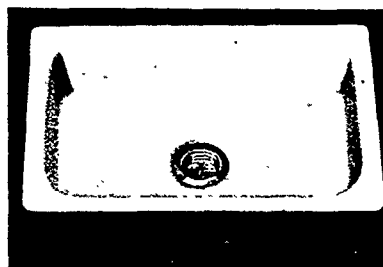


5-130

Sink: Acid-resisting vitreous enameled cast iron two-basin flat rim sink with extended back ledge.

Trim: 8-79 Crestmont supply trim with Dial-est Controls, metal lever handles and cover plate.

Wastes: Two 8-360 1 1/2" Recepto hand-operated wastes.
Size 32x21" Basins 15 1/2 x 14 1/2 x 8" deep

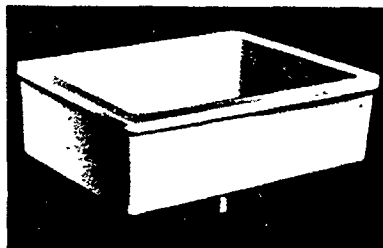


5-153

Sink: AllianceWare acid-resisting vitreous enameled steel center outlet flat rim sink.

Waste: 8-360 1 1/2" Recepto hand-operated waste.

Size 24x16" 24x20" 30x20" 8" deep



5-180

Sink: Vitreous glazed Duraclay center outlet flat rim sink.

Waste: 8-360 1 1/2" Recepto hand-operated waste.

Sizes 20x18x6 1/2" deep 24x18x8 1/2" deep

PRICES COMPLETE 4.97

Number	Size	Price	Shpg. Wt.
5-120	38 x 21"	\$104.30	155 lbs.
5-130	32 x 21"	79.60	115
5-135	24 x 21"	55.10	70
	30 x 21"	59.70	100
5-153	24 x 16"	18.60	20
	24 x 20"	20.20	25
	30 x 20"	25.10	30
5-160	32 x 20"	56.30	100
	42 x 20"	67.50	135
5-180	20 x 18"	23.00	90
	24 x 18"	27.20	115

For prices on traps refer to page 49.

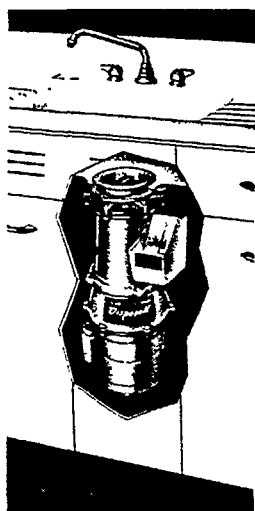
+4.75 per 2890

GENERAL ELECTRIC DISHWASHERS
DISPOSALLS & ELECTRIC SINKS

FA-3 DISPOSALL*

A modern electrical appliance for the immediate disposal of food wastes: Designed for installation under almost any kitchen sink with a $3\frac{1}{2}$ " outlet. The *Disposall* quickly and efficiently shreds food waste into fine particles and flushes them away in a stream of cold water, with a swirling, scouring action. It will handle all fresh food wastes including bones, but is not designed to take metal or glass. Model FA-3 has a capacity of over 3 quarts which is ample to accommodate the normal food waste of an average family, with one usage per meal.

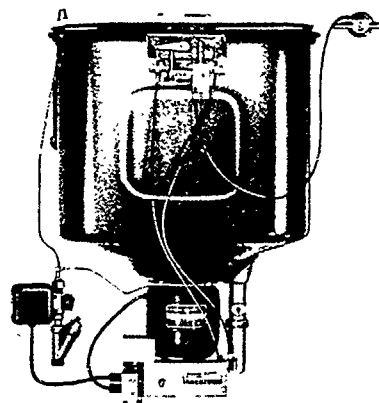
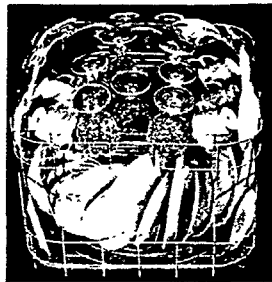
*The General Electric Company's registered trade mark for its food-waste disposal appliance.



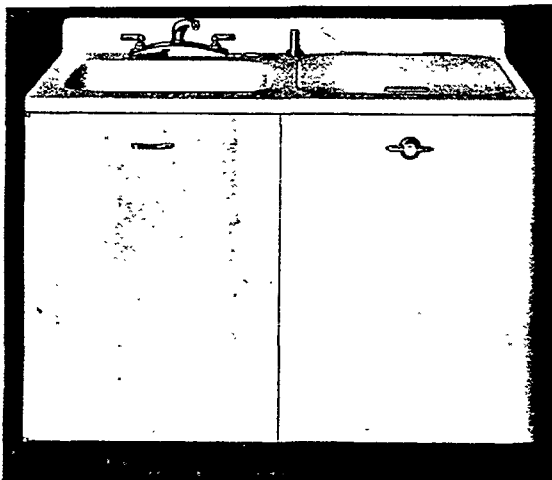
FA-3 DISPOSALL

Dishwasher Trays

All G.E. dishwashers are equipped with a double tray unit designed for quick and easy loading. The resilient big capacity trays are of heavy plated bronze wire.

G.E. MODEL AE-748
ELECTRIC DISHWASHER

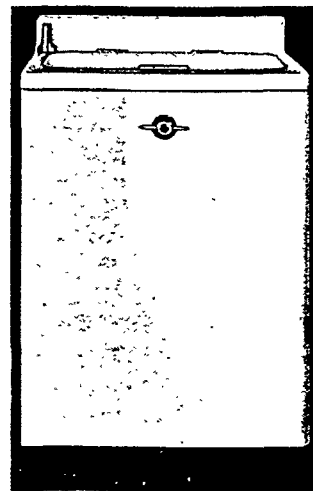
A fully automatic electric dishwasher which performs all of the functions of washing dishes, including pre-rinsing, washing, thendouble rinsing and raising the lid for the dishes to quickly air-dry from their own heat. This model is for installation in sink or continuous counter top in which the proper opening and support has been provided. This is the identical unit as used in the free-standing dishwasher and as part of the G.E. Electric Sink described below.

G.E. MODEL DE-748
ELECTRIC SINK

A complete Electric Sink incorporates the fully automatic G.E. Dishwasher and Disposall units described above, in a compact free-standing sink and cabinet unit of striking beauty and simplicity. In a rigidly braced, heavy gauge steel cabinet with baked-on white enamel, it is entirely complete and self-contained, requiring only plumbing and electrical connections. The unit is 48" wide x 25" deep x 36" high with $3\frac{1}{2}$ " back. Top is porcelain enameled and has chromium plated faucet assembly. Available with or without Disposall.

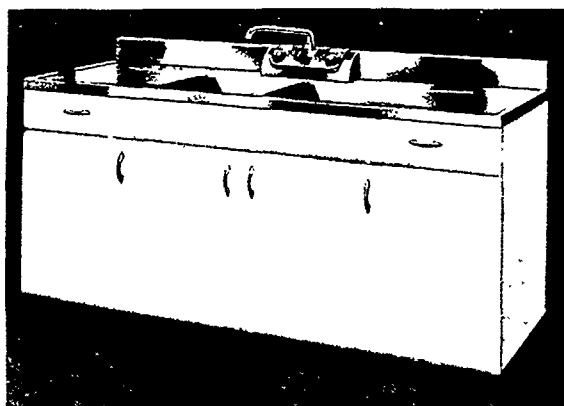
Dishwasher Impeller

The motor driven impeller in tub bottom circulates 1 gallon of water against every utensil surface at the rate of 50 gals. per minute, assuring thorough washing and rinsing. The strainer below impeller prevents recirculation of food particles.

G.E. MODEL BE-748
ELECTRIC DISHWASHER

This model has the same fully automatic electric dishwasher unit, as described above, built into a free-standing, heavy gauge, rust-resisting steel cabinet, finished in baked-on white enamel. Top rim and cover are porcelain enameled. Cabinet is 24" wide x 25" deep x 36" high with $3\frac{1}{2}$ " back, designed to fit in nicely with any adjacent continuous counter top arrangement of kitchen cabinets.

For prices and other information, see your local Crane branch or Crane wholesaler.



5-220

5-220 STAINLESS STEEL (KITCHEN QUEEN STYLE)

Sink: *Kitchen Queen* style stainless steel two-basin sink with double drainboards and convex fixture panel.

Trim: 8-65 *Temple* 1/2" supply trim with *Dial-ease* Controls, swinging spout, automatic diverter, thumb control spray with retractable hose, and pearl-gray *Cranelon* covering plate.

Wastes: Two LK-35 1 1/2" *Duo* wastes with removable cup strainers.

Traps: Two 8-420 1 1/2" Rgh. Pl. bent tube "P" traps.

Cabinet: Baked enamel steel cabinet with double faced doors and drawers.

Size: 72x25 1/2" Basins 16x16x7 1/2" deep Back 4" high

5-222 STAINLESS STEEL (KITCHEN PRIDE STYLE)

Same as above except without drainboards.

Size: 38x25 1/2" Basins 16x15x7 1/2" deep Back 4" high

5-224 STAINLESS STEEL (SUNNYDAY STYLE)

Sink: *Sunnyday* style stainless steel single basin sink with double drainboards and convex fixture panel.

Trim: 8-65 *Temple* 1/2" supply trim with *Dial-ease* controls, swinging spout, automatic diverter, thumb control spray with retractable hose, and pearl gray *Cranelon* covering plate.

Waste: LK-35 1 1/2" *Duo* waste with removable cup strainer.

Trap: 8-420 1 1/2" Rgh.Pl. bent tube "P" trap.

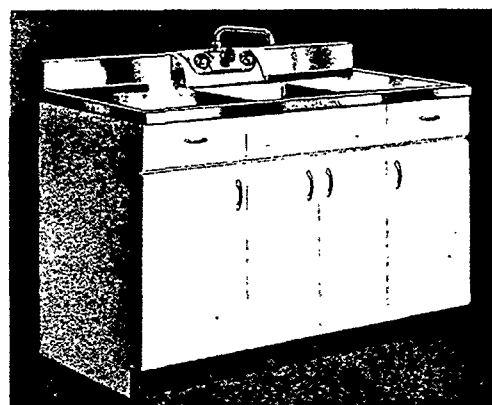
Cabinet: Baked enamel steel cabinet with double faced doors and drawers.

Sizes: 54x25 1/2" and 60x25 1/2" Basins 16x18x7 1/2" Back 4" high

5-227 L.H. Drainboard
5-228 R.H. Drainboard **STAINLESS STEEL (HOMEMAKER STYLE)**

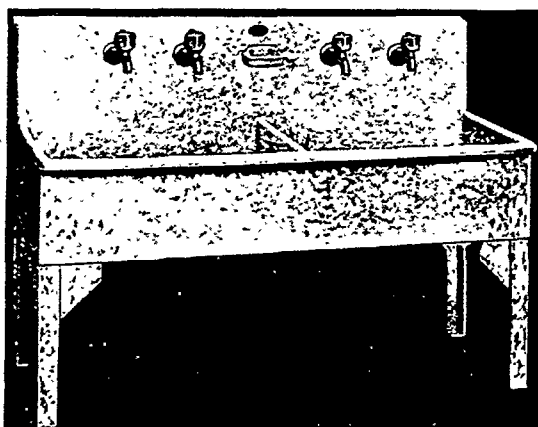
Same as above except single drainboard

Size: 42 x 25 1/2" Basins 16x18x7 1/2" Back 4" high



5-224

SCULLERY SINKS



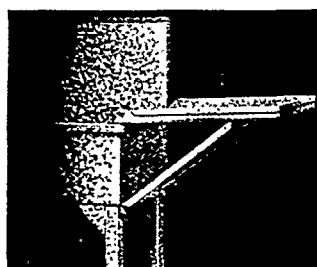
5-300

Sink: Galvanized 12 gauge steel 2-part scullery sink with 12" back, detachable adjustable legs and galvanneal soap dish.

Trim: 8-53 1/2" *Vantage* faucets with *Dial-ease* Controls and pearl-gray *Cranelon* handles.

Waste: Polished brass waste plugs with stoppers

5-302 Same as above except 3-part.



Unless otherwise specified,
all exposed metal trim is
chromium plated.

5-310

Drainboard: Galvanized 14 gauge steel detachable drainboard with angle braces and bolts.

Sizes	#Price	Weight
24 x 24"	\$15.80	35 Lbs.
30 x 24"	19.40	45
36 x 24"	22.90	55

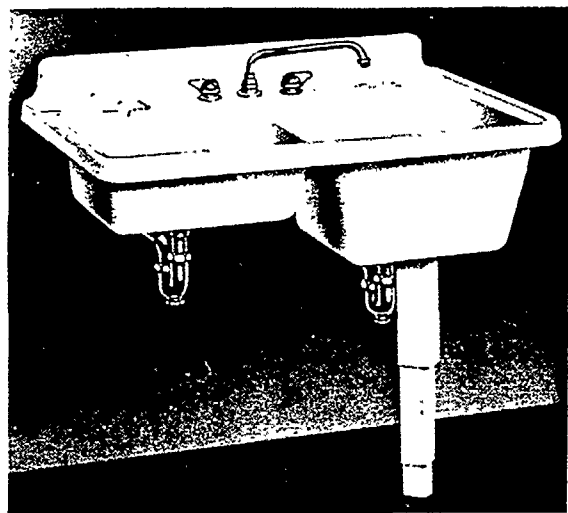
PRICES COMPLETE

Number	#Price	Shpg.Wt.
5-220	\$601.30	370 Lbs.
5-222	*	*
5-224 54"	453.50	285
5-224 60"	483.00	325
5-227	*	*
5-228	*	*

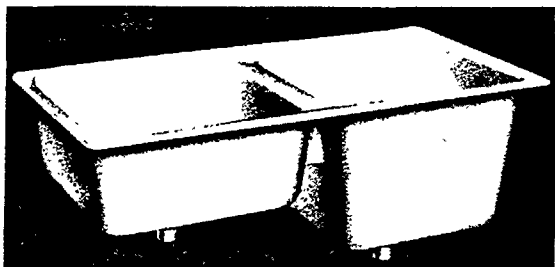
*Prices and shipping weights on application.

5-300 TWO PART				5-302 THREE PART			
Overall Size	#Price Complete	Weight Lbs.	#Price Less Faucets	Overall Size	#Price Complete	Weight Lbs.	#Price Less Faucets
32 1/2 x 27 1/2	\$ 99.00	140	\$ 84.20	47 1/2 x 27 1/2	\$129.50	190	\$107.30
38 1/2 x 27 1/2	102.90	150	88.10	56 1/2 x 27 1/2	135.40	205	113.20
44 1/2 x 27 1/2	106.90	165	92.10	62 1/2 x 27 1/2	139.40	220	117.20
50 1/2 x 27 1/2	110.80	175	96.00	74 1/2 x 27 1/2	147.30	240	125.10
56 1/2 x 27 1/2	114.80	190	100.00	83 1/2 x 27 1/2	155.20	250	133.00
62 1/2 x 27 1/2	118.70	200	103.90	92 1/2 x 27 1/2	159.20	280	137.00

All prices are F.O.B. Chicago, Ill.



6-63



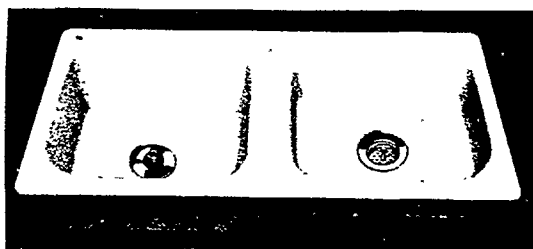
6-80

Sink and tub: Acid-resisting vitreous enameled cast iron reversible flat rim combination sink and laundry tub.

Wastes: 8-360 1½" *Recepto* hand-operated waste (in sink); 8-355 1½" waste plug with rubber stopper (in tub).

Size 42x20" Sink 18½x17½x 8" deep
Tub 18½x17½x14" deep

Traps are not included.



6-83

Sink and tub: *AllianceWare* acid-resisting vitreous enameled steel reversible flat rim combination sink and laundry tub.

Wastes: 8-360 1½" *Recepto* hand-operated waste (in sink); 8-355 1½" waste plug with rubber stopper (in tub).

Size 44x20" Sink 19½x16½x 8" deep
Tub 19½x16½x10½" "

Traps are not included.

ASHFORD 6-62 (Left hand tub)
6-63 (Right hand tub)

Sink and Tub: *Ashford* acid-resisting vitreous enameled cast iron combination sink and laundry tub with soap depression.

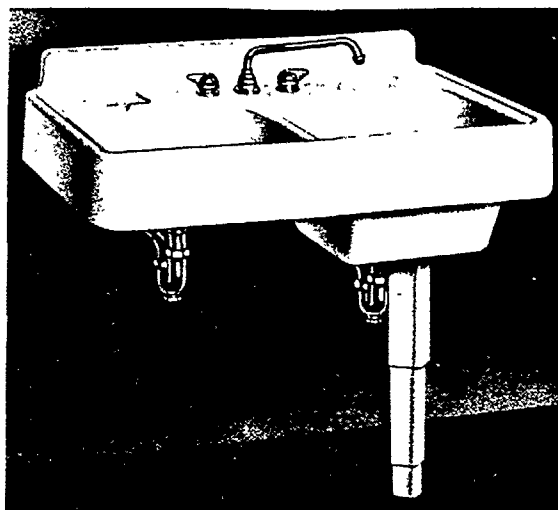
Support: 8-730 painted angle leg; concealed hangers.

Trim: 8-84 *Embassy* supply trim with *Dial-ease* Controls, swinging spout, and metal lever handles.

Wastes: 8-360 1½" *Recepto* hand-operated waste (in sink); 8-355 1½" waste plug with rubber stopper (in tub).

Traps: Two 8-421 1½" bent tube "P" traps.

Sizes: 42x25½" Sink 18x18x8" deep Tub 18x18x14" deep



BELMONT 6-74 (Left hand tub)
6-75 (Right hand tub)

Sink and tub: *Belmont* acid-resisting vitreous enameled cast iron apron combination sink and laundry tub with soap depression.

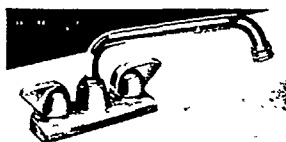
Support: 8-730 painted angle leg; concealed hangers.

Trim: 8-84 *Embassy* supply trim with *Dial-ease* Controls, swinging spout, and metal lever handles.

Wastes: 8-360 1½" *Recepto* hand-operated waste (in sink); 8-355 1½" waste plug with rubber stopper (in tub).

Traps: Two 8-421 1½" bent tube "P" traps.

Size: 42x25½" Sink 18x18x8" deep Tub 18x18x14" deep

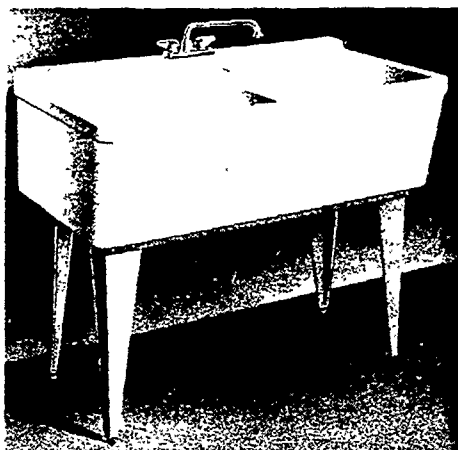


8-80 *Crestmont* supply trim with *Dial-ease* Controls may be used with flat rim sinks and laundry tubs installed in linoleum or composition counter tops.

PRICES COMPLETE

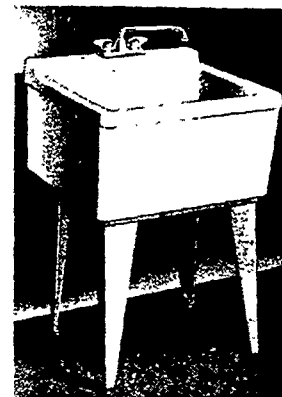
Number	Size	Price	Shpg.Wt.
6-62	42x25½"	\$128.60	280 Lbs.
6-63	42x25½"	128.60	280
6-74	42x25½"	134.10	310
6-75	42x25½"	134.10	310
6-80	42 x 20"	85.70	170
6-83	44 x 20"	55.60	50
8-80		16.70	5

Unless otherwise specified, all exposed metal trim is chromium plated.

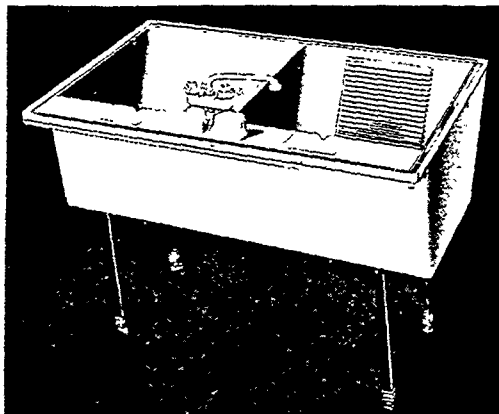


6-110

LAUNDRETTE 6-110
Sink: *Laundrette* vitreous glazed Duraclay two-compartment laundry tub with shelf back, integral washboard, and soap depression.
Support: *Herc-U-Lite* black finish steel support with leveling screws.
Trim: 8-80 *Crestmont* supply trim with, *Dial-est* Controls, hose end spout, metal lever handles, and cover plate.
Waste: Painted iron twin waste connection with 1½" tailpiece; brass plugs with rubber stoppers. (Trap is not included).
Size 36x25" and 42x25" Tubs 12" deep



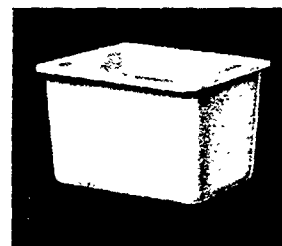
6-115



6-230

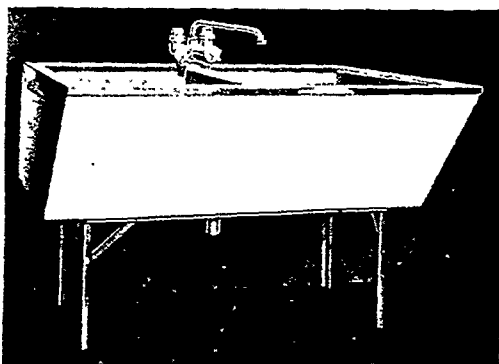
LAUNDRETTE 6-115
Same as 6-110 except single compartment with 1½" waste plug and stopper. (Trap is not included).
Size 22x25" Tub 12" Deep

6-130
Tub: Vitreous glazed Duraclay center outlet flat rim laundry tub.
Waste: 8-355 brass waste plug with rubber stopper. (Trap is not included).
Size 20x18" 12" deep



6-130

6-230
Tub: *Shelfon* cement composition laundry tub with metallic rim, self-draining shelf, two soap depressions, N.P. Copper built-in washboard, twin waste fitting, angle iron supporting frame with levelers.
Faucet: 8-90 *Vantage* Rgh. N.P. faucet for supplies from ceiling, *Dial-est* Controls, with pearl-gray *Cranelon* handles, and swinging spout with hose end.
Sizes 2-part 48x28" 3-part 72x28" Tubs 16" deep



6-240

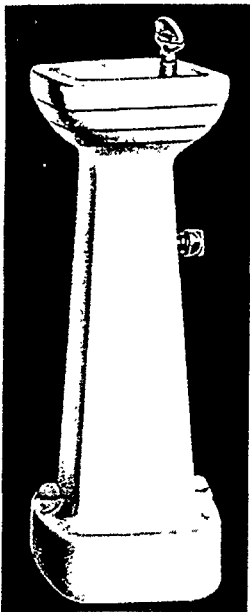
6-240
Tub: Cast cement composition laundry tub with metallic rim, twin waste fitting, and angle iron supporting frame.
Faucet: 8-90 *Vantage* Rgh. N.P. faucet for supplies from ceiling, *Dial-est* Controls with pearl-gray *Cranelon* handles and swinging spout with hose end.
Sizes 25x24" 48x24" 72x24" Tubs 16" deep

PRICES COMPLETE

Number	Size	Price	Shpg. Wt.
6-110	36 x 25"	\$112.50	245 Lbs.
	42 x 25"	119.40	270
6-115	22 x 25"	75.30	160
6-130	20 x 18"	26.10	75
6-230	48 x 28"	*	400
	72 x 28"	*	600
6-240	25 x 24"	*	175
	48 x 24"	*	325
	72 x 24"	*	500

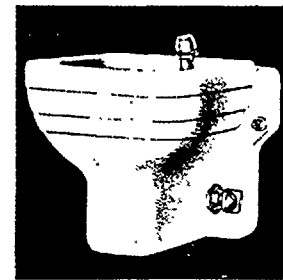
*Contact local Crane Branch or Crane Wholesaler for prices.

Unless otherwise specified, all exposed metal trim on this page is chromium plated.



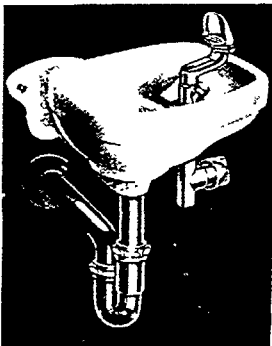
C 9040

CORWITH C 9040
Fountain: *Corwith* vitreous china pedestal drinking fountain with integral strainer, brass screws with cap nuts and washers.
Supply: Supply fitting with *Purflo* angle stream bubbler, automatic stream regulator, loose key stop, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: C 9040-W 1" I.P.S. female outlet connection.
Height 34" Receptor 12½x12½"



C 9062

CORWITH C 9062
Fountain: *Corwith* vitreous china wall drinking fountain with integral strainer; brass screws with cap nuts and washers.
Supply: Brass supply fitting with *Purflo* angle stream bubbler, automatic stream regulator, screw-driver stop, and *Victor* self-closing stop with *Magiclose* Control unit.
Trap: C 9980 1½" I.P.S. galvanized "P" trap.
Width 12" Projection 13"



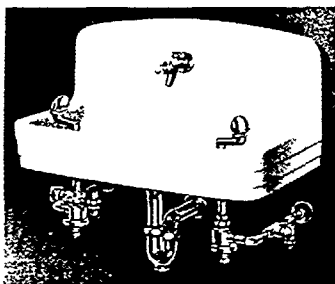
C 9161

THURSTEND C 9155
Fountain: *Thurstend* vitreous china drinking fountain receptor with integral strainer.
Supply: Brass supply fitting with *Purflo* angle stream bubbler with vandal-proof base and regulating screw, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: C 9952 1½" galvanized pedestal waste with galvanized iron base.
Height 34" Receptor 10x17½"



C 9155

THURSTEND C 9161
Fountain: *Thurstend* vitreous china drinking fountain receptor with integral strainer.
Supply: Brass supply fitting with *Purflo* angle stream bubbler with vandal-proof base and regulating screw, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: C 9950 galvanized combination wall bracket and 1½" outlet connection.
Trap: 8-400 1½" bent tube "P" trap.
Receptor 10x7½" Projection 12"



C 9175

THURSTEND C 9164
Fountain: C 9335 *Thurstend* galvanized iron drinking fountain receptor with integral strainer.
Supply: Brass supply fitting with *Purflo* angle stream bubbler with vandal-proof base and regulating screw, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: C 9980 1½" I.P.S. galvanized "P" trap.
Receptor 9x6" Projection 11½"



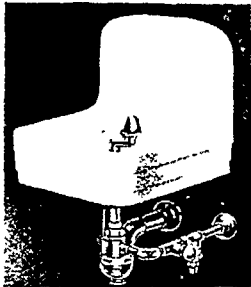
C 9164

ERIE C 9175
Fountain: *Erie* vitreous china wall drinking fountain with integral strainer, concealed hangers and apron screws.
Supply: Two brass supply fittings each with *Purflo* angle stream bubbler with vandal proof base, automatic stream regulator, loose key stop, and *Victor* self-closing stop, with *Magiclose* Control.
Faucet: C 32-950 push button ice water faucet.
Waste: FA-7315 1½" O.D. waste fitting.
Trap: 8-401 1½" bent tube "P" trap.
Receptor 24x13" Back 8" high

PRICES COMPLETE

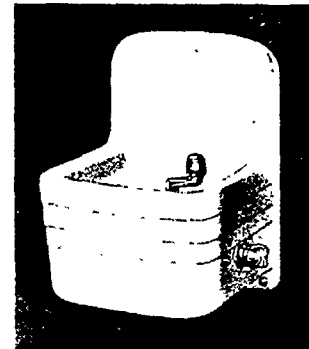
Number	Price	Shpg. Wt.
C 9040	\$128.60	140 Lbs.
C 9062	73.00	50
C 9155	49.60	35
C 9161	46.50	30
C 9164	29.40	15
C 9175	150.90	60
C 32-950	8.40	5

Unless otherwise specified, all exposed metal trim on this page is chromium plated.



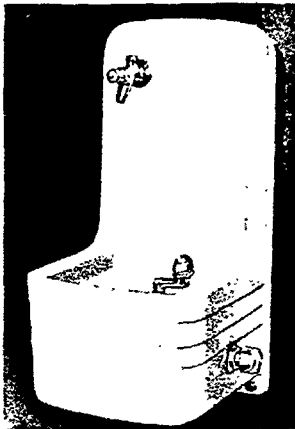
C 9194

ERIE C 9194
Fountain: *Erie* vitreous china wall drinking fountain with integral strainer, conc. hanger and apron screws.
Supply: Brass supply fitting with *Purflo* angle stream bubbler with vandal proof base, automatic stream regulator, loose key stop, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: FA-7315 1½" O.D. waste fitting.
Trap: 8-401 1½" bent tube "P" trap.
Receptor 12x13" Back 8" high



C 9215

OASIS C 9215
Fountain: *Oasis* vitreous china wall drinking fountain with integral strainer, conc. hanger and wall screws.
Supply: Brass supply fitting with *Purflo* angle stream bubbler, automatic stream regulator, screw-driver stop, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: C 9980 1½" I.P.S. galvanized "P" trap.
Receptor 12x13" Back 8" high



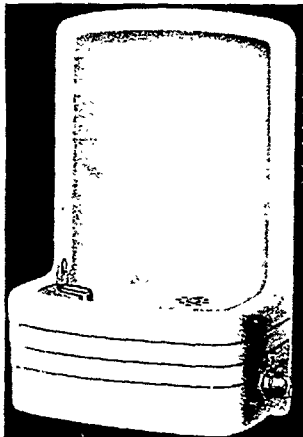
C 9227

OASIS C 9227
Fountain: *Oasis* vitreous china wall drinking fountain with integral strainer, conc. hanger and wall screws.
Supply: Brass supply fitting with *Purflo* angle stream bubbler, automatic stream regulator, screw-driver stop, and *Victor* self-closing stop with *Magiclose* Control unit.
Faucet: C 32-950 push button ice water faucet.
Waste: C 9980 1½" I.P.S. galvanized "P" trap.
Receptor 12x13" Back 15" high



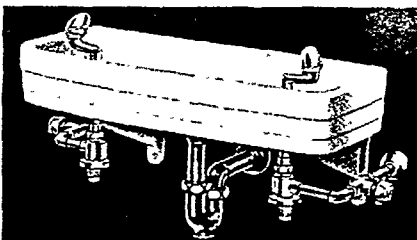
C 9268

CRISTAL C 9261
Fountain: *Cristal* vitreous china recessed drinking fountain with integral strainer and wall screws.
Supply: Brass supply fitting with *Purflo* angle stream bubbler, automatic stream regulator, screw-driver stop and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: C 9945 1½" O.D. waste fitting.
Trap and cleanout are not included.
Width 14" Height 25½" Projection 7"



C 9261

CORRIDOR C 9268
Fountain: *Corridor* vitreous china recessed fountain with integral strainer and wall screws.
Supply: Brass supply fitting with *Purflo* angle stream bubbler, automatic stream regulator, lockshield stop, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: C 9945 1½" O.D. waste fitting.
Trap and cleanout are not included.
Width 16" Height 30"



C 9298

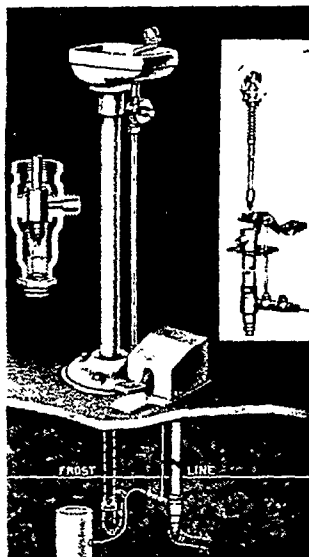
ONTARIO C 9298
Fountain: *Ontario* vitreous china drinking fountain with integral strainer; vitreous enameled cast iron brackets with screws.
Supply: Two brass supply fittings each with *Purflo* angle stream bubbler with vandal proof base automatic stream regulator, loose key stop, and *Victor* self-closing stop with *Magiclose* Control unit.
Waste: FA-7315 1½" O.D. waste fitting.
Trap: 8-401 1½" bent tube "P" trap.
Receptor 24x11" Projection 13"

PRICES COMPLETE

Number	Price	Shpg.Wt.
C 9194	\$ 77.50	50 Lbs.
C 9215	82.70	60
C 9227	120.50	65
C 9261	109.20	75
C 9268	146.50	90
C 9298	147.80	60

Unless otherwise specified, all exposed metal trim on this page is chromium plated.

THURSTEND FREEZE-PROOF C 9360



Fountain: *Thurstend* vitreous china drinking fountain receptor with integral strainer.

Trim: *Purflo* angle stream bubbler with automatic stream regulator, 1/2" galvanized supply pipe, self-draining pedal action valve with backflow ball checks, air vent pipe with screened cap, and vandal-proof cover.

Waste: 1 1/2" galvanized pedestal waste with base.

Standard sizes: Bury 18" 36" 48" 60"

NOTE: When installing this fountain, drainage should be provided by burying a length of drain tile, filled with gravel, below frost line, and connecting with drain tube.

FEATURES OF FREEZE-PROOF DRINKING FOUNTAIN

No pit required-easy to install. Should require no attention for many years, regardless of weather conditions.

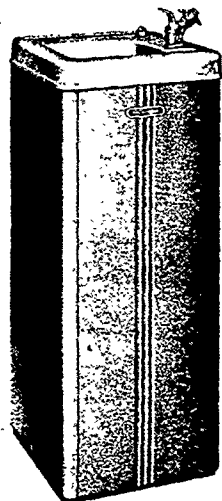
When pedal is at rest, valve is automatically shut off and water completely drains from fountain to below freezing depth.

Leather "shut-off" ball may be quickly replaced by unscrewing pedal cap and lifting out the entire plunger unit, as illustrated.

A vermin proof arrangement of two ball checks with screened air vent, provides absolute protection against back flow of waste water.

C 9360

ELECTRIC WATER COOLERS



HCS-10

CORDLEY MODEL HCS-10

Cabinet - Sheet steel with neutral gray baked enamel finish.

Receptor - One piece white vitreous enamel finish.

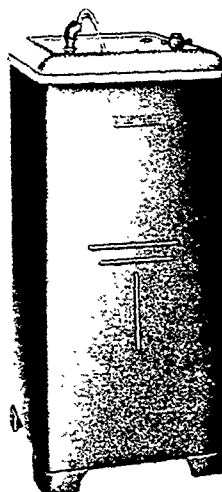
Trim: - Self-closing elevated bubbler for drinking or glass filling.

Tank - 1.3 gallon capacity.

Compressor - Hermetically sealed unit with 1/6 H.P. 60 cycle AC motor, 115V, single phase.

Pre-cooling - Uses waste water to pre-cool inlet supply line

Size: 16 1/2 x 17 1/2 x 44 1/2"



HALSEY TAYLOR No. 4 AF

Cabinet - Sheet steel, finished in metallic gray, fully insulated.

Receptor - Acid-resisting white vitreous enameled cast iron.

Trim - Mound building projector, self-closing valve, and automatic stream regulator.

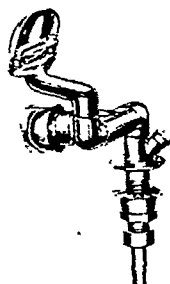
Storage Tank - 5 quart capacity.

Compressor - Single cylinder reciprocating type.

Motor - 1/6 H.P. capacitor type for 110 volt 60 Cycle AC single phase (special motor on request).

Size: 18 x 18 x 40 1/2"

FOUNTAIN BUBBLERS



C 9475

C 9475

Purflo bubbler with *Victor* self-closing stop with *Magiclose* Control unit, and regulating screw, 1/4" I.P.S. male union tailpiece.

Designed for installations through the hot water faucet punching on lavatories.

C 9546

Purflo bubbler with *Victor* self-closing stop with *Magiclose* Control unit, and automatic stream regulator, 3/8" I.P.S. female flanged base.



C 9546

4 AF



C 9470

C 9470

Purflo bubbler with *Victor* self-closing stop, with *Magiclose* Control unit, and regulating screw, 3/8" I.P.S. inlet.

PRICES COMPLETE

Number	Size	Price	Shpg.Wt.
C 9360	18"	\$114.50	60
	36"	116.50	65
	48"	118.50	70
	60"	120.50	75
HSC-10		417.40	210
4-AF		368.00	225
C 9470		20.30	3
C 9475		22.50	4
C 9546		20.50	3

*F.O.B. Buffalo, N.Y.
#F.O.B. Warren, Ohio

Unless otherwise specified all exposed metal trim on this page is chromium plated.

SANITOR 7-45

Urinals: Sanitor vitreous glazed Duraclay slope front stall urinals with plain seam covers.

Tank: 7-170 Bellemeade vitreous china tank with alert automatic siphon valve, and Marvel float valve.

Flush Pipe: C 17-751 flush pipe layout.

Spreaders: C 17-852 top inlet spreaders.

Strainers: C 17-960 Universal strainers.

DIMENSIONS:	Width	Floor to top	Wall to lip	Set in floor
Duraclay	18" and 21"	38 1/4"	16"	3 3/4"
Vitreous China	18"	38 1/4"	16"	3 3/4"

SEAM COVERS



7-35
China
Plain Front



7-55
Duraclay
Plain Front



7-56
Duraclay
Extended Wing

5 1/2" wide for 2" to 4" spacing between stalls.
7 1/2" wide for 4 1/2" to 6" spacing between stalls.

Sanitor Stall Urinals with Bellemeade tanks are available as follows:

Cat.No.	DESCRIPTION	Cat.No.
Duraclay		*China
7-47, 18" or 21"	Single or in batteries with plain front, no seam covers	7-32
7-48, 18"	Single or in batteries with integral wing shield	
7-45, 18" or 21"	In batteries with plain seam covers	7-31
7-46, 18" or 21"	In batteries with extended wing seam covers	

NOTE: China Stall Urinals furnished in 18" width only

PRICES COMPLETE

Number	CHINA STALLS	Width	Single	In batteries of:			Shpg.Wt.	Batteries of:		
				2	3	4	Single	2	3	4
7-31	with 5½" seam covers	18"	—	\$280.40	\$404.80	\$538.10	—	405	610	825
7-31	with 7½" seam covers	18"	—	288.10	420.20	561.20	—	410	620	840
7-32	Plain, no seam covers	18"	\$144.30	255.10	354.20	462.20	200	340	480	630
DURACLAY STALLS										
7-45	with 5½" seam covers	18"	—	272.30	391.50	519.50	—	460	600	950
		21"	—	317.80	459.70	610.50	—	470	620	980
		18"	—	281.30	409.50	546.50	—	475	615	965
7-45	with 7½" seam covers	21"	—	326.80	477.70	637.50	—	485	635	995
		18"	—	279.60	406.10	541.40	—	465	610	965
7-46	with 5½" seam covers	21"	—	325.10	474.30	632.40	—	475	630	995
		18"	—	287.60	422.10	565.40	—	480	625	980
7-46	with 7½" seam covers	21"	—	333.10	490.30	656.40	—	490	645	1010
		18"	141.50	249.40	345.70	450.80	220	390	460	740
7-47	Plain, no seam covers	21"	163.90	294.90	413.90	541.80	230	410	490	780
		18"	150.80	268.00	373.60	488.00	230	460	600	950
7-48	with integral wing shields	18"								

Seam Covers - 7-35 China

5 1/2" Each \$25.30

7 1/2" Each 33.00

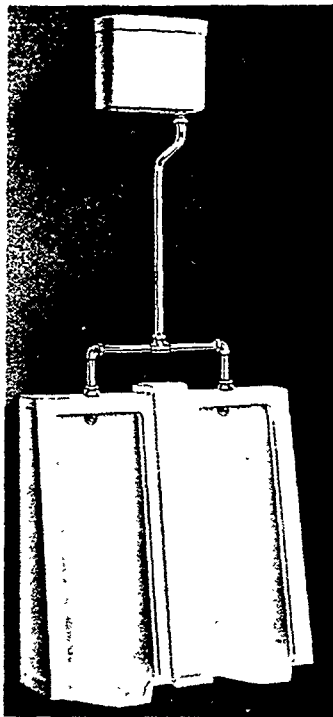
7-55 Duraclay 5 1/2" Each \$22.90

7 1/2" Each 31.90

7-56 Duraclay 5 1/2" Each 30.20

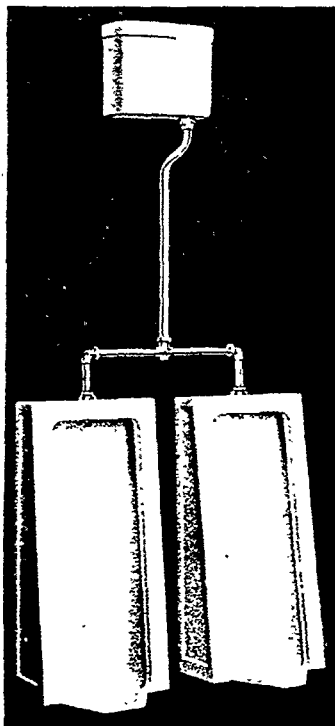
7 1/2" Each 38.20

NOTE: China urinals have integral flushing rims and do not require metal spreaders.



7-45

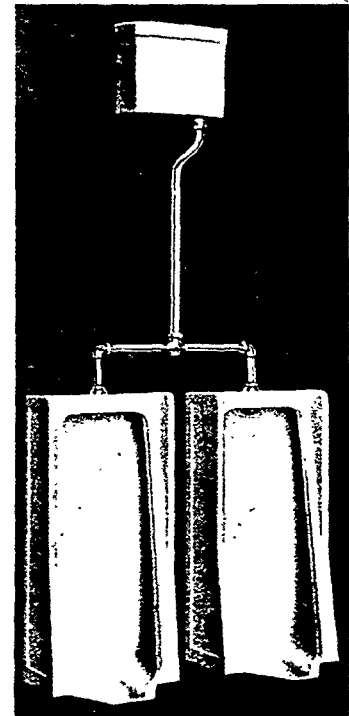
With Plain Front Seam Covers



7-47

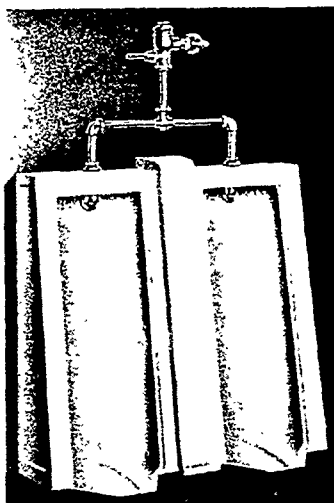
Plain Front

All exposed metal trim on this page is chromium plated.



7-48

With Integral Wing Shields



7-53

SANITOR 7-53

Urinals: *Sanitor* vitreous glazed Duraclay slope front stall urinals with plain seam covers.

Valves: No. 185 *Crown* flush valve with $\frac{1}{2}$ " screw-driver angle stop, and flush connection.

Flush Pipe: C 17-751 flush pipe layout.

Spreaders: C 17-852 top inlet spreaders.

Strainers: C 17-960 Universal strainers.

SANITOR 7-34

Same as 7-53 except urinal stalls and seam covers are vitreous china.

SANITOR 7-50

Urinal: *Sanitor* vitreous glazed Duraclay slope front stall urinal.

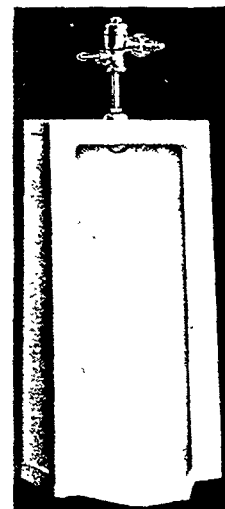
Valve: No. 185 *Crown* flush valve with $\frac{1}{2}$ " angle screw-driver stop, and flush connection.

Spreader: C 17-852 top inlet spreader.

Strainer: C 17-960 Universal strainer.

SANITOR 7-40

Same as 7-50 except urinal stall is vitreous china.



7-50

SANITOR 7-61

Urinal: *Sanitor* vitreous glazed Duraclay slope front stall urinal, back inlet.

Valve: No. 194 *Crown* concealed flush valve with $\frac{1}{2}$ " stop, and flush connection. (For walls up to 6" thick-orders must specify wall thickness).

Spreader: C 17-850 back inlet spreader.

Strainer: C 17-960 Universal strainer.

SANITOR 7-43

Same as 7-61 except urinal stall is vitreous china.

SANITOR 7-62

Urinal: *Sanitor* vitreous glazed Duraclay slope front stall urinal, back inlet.

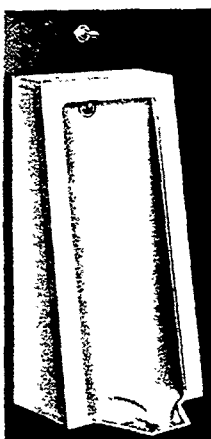
Valve: No. 333 *Royal* concealed flush valve with $\frac{1}{2}$ " wheel handle angle stop, and foot pedal. (For walls up to 6" thick-order must specify wall thickness).

Spreader: C 17-850 back inlet spreader.

Strainer: C 17-960 Universal strainer.

SANITOR 7-44

Same as 7-62 except urinal stall is vitreous china.



7-61



7-62

SANITOR 7-52

Urinal: *Sanitor* vitreous glazed Duraclay slope front stall urinals with integral wing shields.

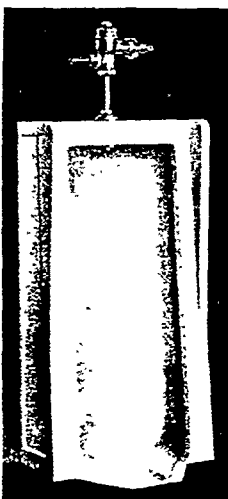
Valve: No. 185 *Crown* flush valve with $\frac{1}{2}$ " screw driver angle stop, and flush connection.

Spreader: C 17-852 top inlet spreader.

Strainer: C 17-960 Universal strainer.

NOTE: China urinals have integral flushing rims and do not require metal spreaders

All exposed metal trim on this page is chromium plated.



7-52

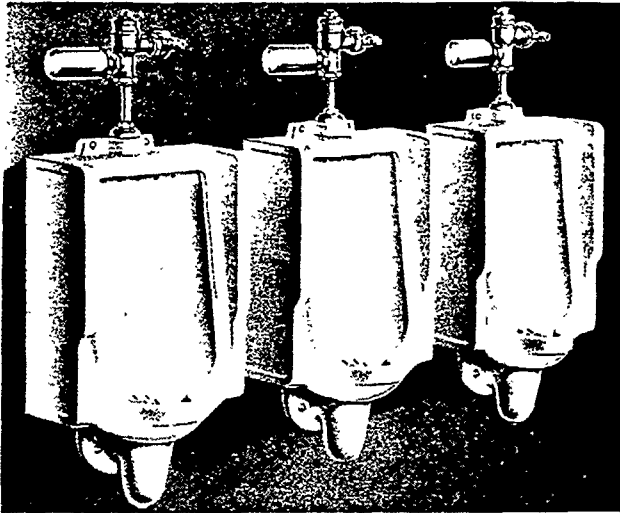
DIMENSIONS: Width Floor to top Wall to lip Set in floor
Duraclay 18" and 21" 38 1/4" 16" 3 3/4"
Vitreous China 18" 38 1/4" 16" 3 3/4"

PRICES COMPLETE

PRICES COMPLETE										
CHINA	Width	Single	Batteries of:			Shpg. Wt. Single	Batteries of:			
			2	3	4		2	3	4	
*7-34	18"	—	\$250.40	\$372.80	—	—	350	560	—	
7-40	18"	\$118.40	236.80	355.10	\$473.50	150	300	450	600	
7-43	18"	119.30	238.60	358.00	477.30	150	300	450	600	
7-44	18"	123.20	246.40	369.50	492.70	150	300	450	600	
DURACLAY										
7-50	18"	116.90	233.80	350.80	467.70	175	350	525	700	
	21"	139.30	278.60	418.00	557.30	185	370	555	740	
7-52	18"	126.20	252.40	378.70	504.90	180	360	540	720	
*7-53	18"	—	242.30	359.50	—	—	415	650	—	
	21"	—	287.80	427.70	—	—	425	670	—	
7-61	18"	117.90	235.70	353.60	471.40	175	350	525	700	
	21"	140.30	280.50	420.80	561.00	185	370	555	740	
7-62	18"	121.70	243.40	365.20	486.90	175	350	525	700	
	21"	144.10	288.20	432.40	576.50	185	370	555	740	

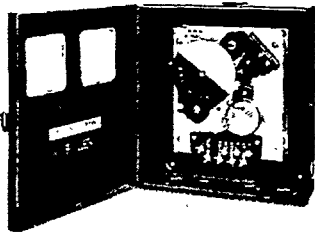
*Prices include 5 1/2" wide plain seam covers, see page 41 for prices on other sizes and types.

NOTE: If flush valves are required with vacuum breaker to meet local code requirements, Add per valve:
Exposed \$3.90 Concealed \$3.30



OUTSTANDING FEATURES

1. Fully automatic operation.
2. Adaptable to any Sloan Flush Valve.
3. Existing Sloan Flush Valve installations easily converted to Automatic Equipment.
4. Saves tremendous quantities of water.
5. Adjustable for various flushing intervals.
6. Operates Flush Valves in sequence.
7. Accurate electric clock timing.
8. Continuous automatic operation through day and night cycles.
9. Motor operator built for long life — no oiling or servicing required.



DAY-NIGHT TIMER

The Sloan Day-Night Timer consists of clock-work mechanism arranged to operate the flush valves in sequence, at five minute and one hour intervals. A twenty-four hour clock-dial is provided, the settings upon which determine the hours, for five minute operation and for one hour operation (according to the traffic in the toilet room).



MOTOR OPERATOR

mounted to both flush valve and wall, it is vandal proof and tamper proof.

A FIVE MINUTE TIMER is also available which can be wired in series with toilet room light switch. With this arrangement, the automatic flushing system will operate only when lights are lit and toilet room is ready for use.

URINAL FLUSH VALVES ELECTRICALLY OPERATED

The Sloan Automatic Flushing System is designed principally for the automatic operation of Sloan Urinal Flush Valves — and is adaptable to old as well as new installations.

With Automatic Flushing in public or semi-public toilet rooms, neglect to flush urinals is entirely eliminated — more hygienic conditions assured — and better housekeeping of the toilet room encouraged on the part of building tenants, company employees, customers and the public.

In special installations such as sanitariums, hospitals, institutions and prisons, the responsibility of the individual to operate the flush valve is entirely eliminated with Automatic Flushing.

EFFICIENCY

Operated on a 24-hour cycle, the Sloan Automatic Flushing System can be set for any variation of day and night flushing. In office toilet rooms, for example, each flush valve can be operated from 8 A.M. at intervals of once every five minutes (through the day); and from 5 P.M. at intervals of once each hour (through the night).

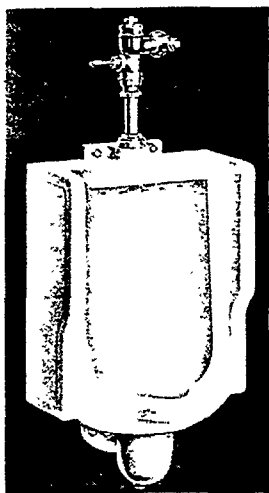
Once these time intervals have been selected on the clockdial, the system is completely automatic and will operate indefinitely without further attention.

ECONOMY

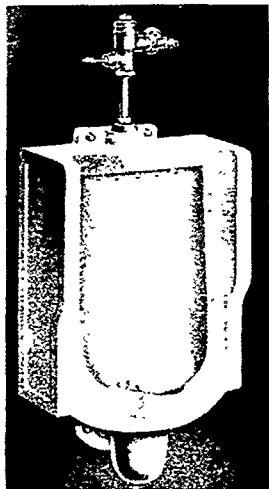
Designed to match the efficiency and long life of Sloan Flush Valves, the Sloan Automatic Flushing System is keyed to well known Sloan economy of operation. Unlike other types of automatic equipment, the Sloan System flushes but once each hour during the night when the toilet rooms are not in use. Thus, eleven flushes per hour — or 132 flushes through a twelve hour night — are saved. Assuming two gallons of water per flush, approximately 100,000 gallons of water are saved per year per flush valve — or enough to pay for the system in a surprisingly short period of time.

SIMPLICITY

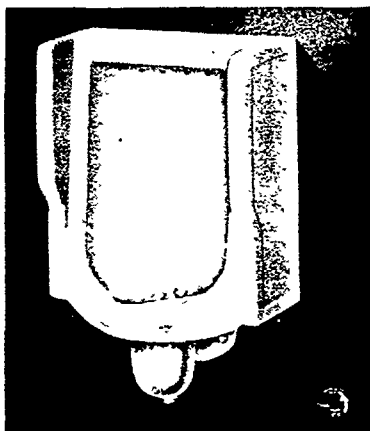
The Sloan Automatic Flushing System, is comprised of but two principal additions to the standard Sloan Flush Valve installation. They are (1) the Sloan Timer, which controls the time interval between flushes and (2) the Sloan Flush Valve Motor-Operator, which replaces the handle assembly to flush the valve. These two elements, plus the standard wiring necessary to make the electrical circuit, complete the entire installation. Timer and Motor-Operator are arranged for 110-V, 60-cycle AC current, as standard equipment.



7-80



7-87



7-89

NEU-RIO 7-80

Urinal: *Neu-Rio* vitreous china blow-out urinal with extended shields, integral flushing rim, integral trap with cleanout, female outlet connection for 2" iron pipe and supporting bolts.

Valve: No. 180 YV *Crown* flush valve with vacuum breaker, 1" screw-driver angle stop, and flush connection.

NEU-RIO 7-81

Urinal: *Neu-Rio* vitreous china blow-out urinal with extended shields, integral flushing rim, integral trap with cleanout, female outlet connection for 2" iron pipe and supporting bolts.

Tank: 7-170 *Bellemeade* vitreous china tank with *Alert* automatic siphon valve and *Marvel* float valve.

Flush Pipe: C 17-751 flush pipe layout.

CORRECTO 7-85
(not illustrated)

Urinal: *Correcto* vitreous china washout urinal with extended shields, integral flushing rim, integral trap with cleanout, female outlet connection for 2" iron pipe, and supporting bolts.

Tank: 7-170 *Bellemeade* vitreous china tank with *Alert* automatic siphon valve and *Marvel* float valve.

Flush Pipe: C 17-751 flush pipe layout.

CORRECTO 7-87

Urinal: *Correcto* vitreous china washout urinal with extended shields, integral flushing rim, integral trap with cleanout, female outlet connection for 2" iron pipe and supporting bolts.

Valve: No. 186 *Crown* flush valve with 3/4" screw-driver angle stop, and flush connection.

CORRECTO 7-89

Urinal: *Correcto* vitreous china washout urinal with extended shields, integral flushing rim, integral trap with cleanout, female outlet connection for 2" iron pipe, and supporting bolts.

Valve: No. 323 *Royal* flush valve with 3/4" wheel handle angle stop, and foot pedal. (For walls up to 6" thick-order must specify wall thickness).

CORRECTO 7-90

Urinal: *Correcto* vitreous china washout urinal with extended shields, integral flushing rim, integral trap with cleanout, female outlet connection for 2" iron pipe, and supporting bolts.

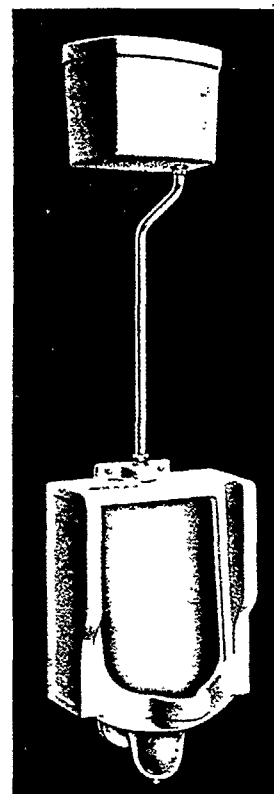
Valve: No. 186 EM (*EC or ES) *Crown* flush valve, with electric motor for automatic flushing, 3/4" screw-driver angle stop, and flush connection.

*Specify - EC - for electric clock for day-night flushing.

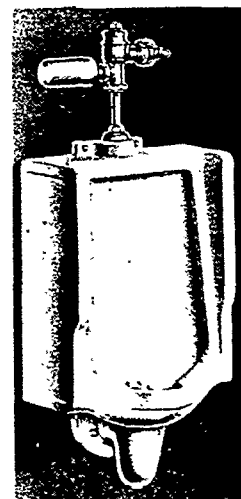
ES - for electric timer for 5 minute flushing.

Dimensions - *Correcto* and *Neu-Rio*
Width 18" Height 32"
Projection 13" Water seal 2" deep

Correcto urinals may be arranged in batteries for flushing with one tank. *Correcto* and *Neu-Rio* are also available with back inlet connections for, concealed tanks or flush valves.



7-81



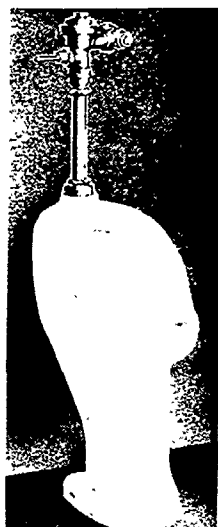
7-90

PRICES COMPLETE

Number	Price	Shpg. Wt.
7-80	\$121.40	105 Lbs.
7-81	156.60	135
Neu-Rio Urinal Only	93.50	95
7-85	128.50	135
*7-87	104.00	105
*7-89	108.80	105
*7-90 w/ #186 EM ES Valve	177.30	105
*7-90 w/ #186 EM EC Valve	270.70	115
Correcto Urinal Only	80.00	95

*If flush valves are required with vacuum breakers to meet local code requirements, add per valve:
Exposed \$9.90 Concealed \$3.30

All exposed metal trim on this page is chromium plated.



7-94

VORTO 7-94

Urinal: *Vorto* vitreous china siphon jet pedestal urinal.

Valve: No. 181 UYV *Royal* flush valve with vacuum breaker, 1" screw-driver angle stop, and flush connection.

Roughs-In 12" Floor to lip 20 $\frac{3}{4}$ " Projection 22 $\frac{3}{4}$ "

EXPEDIO 7-100

Urinal: *Expedio* vitreous china blow-out urinal with jet, female outlet connection for 2" iron pipe, and supporting bolts.

Valve: No. 180 YV *Crown* flush valve with vacuum breaker, 1" screw-driver angle stop, and flush connection.

Width 14 $\frac{3}{4}$ " Projection 21"



7-100

MANHATTAN 7-105

Urinal: *Manhattan* vitreous china siphon jet urinal with female outlet connection for 2" iron pipe, and supporting bolts.

Valve: No. 180 YV *Crown* flush valve with vacuum breaker, 1" screw-driver angle stop, and flush connection.

Width 14 $\frac{3}{4}$ " Projection 13 $\frac{3}{4}$ "

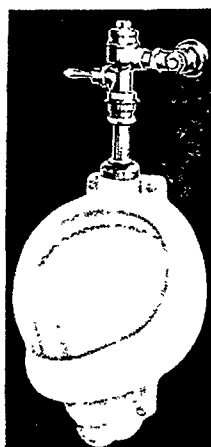
MANHATTAN 7-106

Same as 7-105 except with 2" bottom outlet spud.

SANTO 7-110

Urinal: *Santo* vitreous china washout urinal with integral strainer and trap, and female outlet connection for 2" iron pipe.

Valve: No. 195 *Crown* concealed flush valve with 3/4" stop, and flush connection. (For walls up to 6" thick-order must specify wall thickness.)



7-105

BEDFORDSHIRE 7-115

Urinal: *Bedfordshire* vitreous china washout urinal with integral strainer, 1 $\frac{1}{2}$ " O.D. tailpiece.

Valve: No. 186 *Crown* flush valve with 3/4" screw-driver angle stop, and flush connection.

Trap: 8-420 1 $\frac{1}{2}$ " bent tube "P" trap.

Width 16 1/8" Projection 12 5/8"



7-110

7-118

Urinal: Vitreous china washout urinal with integral strainer, and supporting bolts, 1 $\frac{1}{2}$ " O.D. tailpiece.

Valve: No. 186 *Crown* flush valve with 3/4" screw-driver angle stop, and flush connection.

Trap: 8-420 1 $\frac{1}{2}$ " bent tube "P" trap.

Width 12" Projection 11"



7-115

PRICES COMPLETE

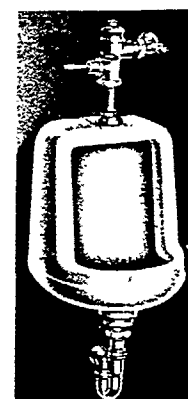
Number	Prices		Shipping Weight	
	Complete	Urinal Only	Complete	Urinal Only
7-94	\$93.10	\$62.70	90 Lbs.	80 Lbs.
7-100	89.70	61.80	80	70
7-105	70.00	42.10	65	55
7-106	67.50	39.60	65	55
7-110	61.50	38.60	65	55
7-115	52.80	23.70	50	30
7-118	61.40	31.50	30	20

*If flush valves are required with vacuum breakers to meet local code requirements, add per valve:

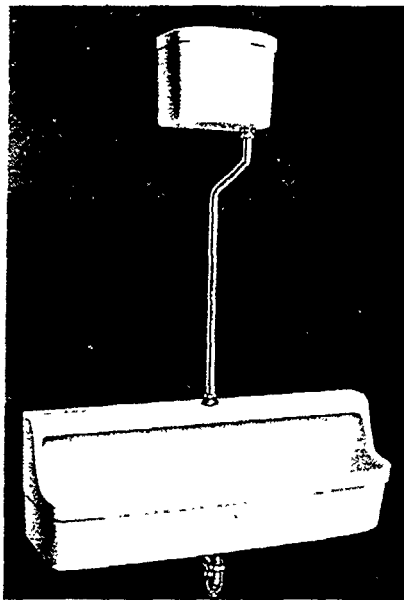
Exposed \$3.90

Concealed \$3.30

All exposed metal trim on this page is chromium plated.



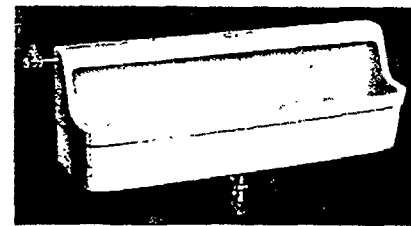
7-118



7-125

7-124
Urinal: Vitreous glazed Duraclay trough urinal with supporting bolts and brackets, brass beehive strainer, concealed perforated flush pipe, and 3/8" lockshield stop.

Trap: 8-420 1 1/2" bent tube "P" trap.



7-124

7-125
Urinal: Vitreous glazed Duraclay trough urinal with supporting bolts and brackets, brass beehive strainer, and concealed perforated flush pipe.

Tank: 7-170 *Bellemeade* vitreous china tank with *Alert* automatic siphon valve and *Marvel* float valve.

Flush Pipe: C17-751 flush pipe layout

Trap: 8-420 1 1/2" bent tube "P" trap.

TROUGH URINAL DIMENSIONS
Length 24", 36" and 48" Width 12"
Depth Inside 7" Back 8" high

"MARVEL" FLOAT VALVE

A single screw and locknut controls discharge rate. Can be adjusted for filling intervals of from one to sixty minutes.

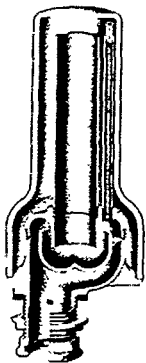
Valve seat and tip of stem are non-metallic - wire cutting and corrosive effects are reduced to a minimum.

A removable beehive strainer protects seat and stem.

Air vents, above water level prevent backflow.

9-896

Marvel rough brass float valve with copper float and 3/8" male union connection.



9-890

"ALERT" AUTOMATIC SIPHON VALVE

There are no moving parts. Siphons water from tank faster.

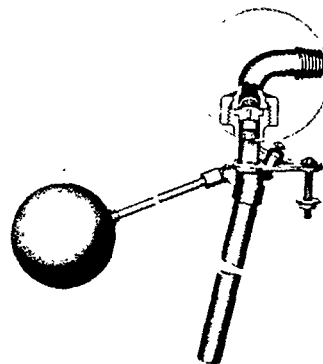
Will flush at intervals of from one to sixty minutes, depending on rate of tank fill.

Eccentric outlet permits use on either center or end outlet tanks.

9-890

Alert automatic siphon valve for urinal tanks with slip joint nut and locknut.

Sizes 3/4" 1" 1 1/4" 1 1/2"



9-896



C 17-960

Metal Strainer Beehive Strainer
Universal strainers for 2" lead, iron, or soil pipe, 4-3/8" diameter flange.



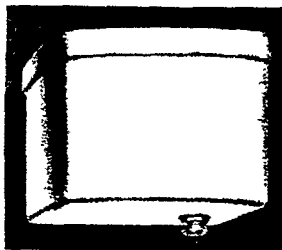
C 17-961

C 17-852

Brass fan flush spreader with 3/4" slip joint inlet for top supply stall urinals.



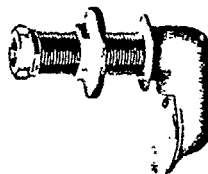
C 17-852



BELLEMEADE 7-170

Bellemeade vitreous china end outlet urinal tank with *Alert* automatic siphon valve and *Marvel* float valve with 3/8" wall union connection.

Tank No.	Capacity Gallons	<i>Alert</i> Valve	Tank No.	Capacity Gallons	<i>Alert</i> Valve
1	2	3/4"	4	6	1 1/4"
3	4	1"	4	6	1 1/2"
3	4	1 1/4"	5	8	1 1/2"



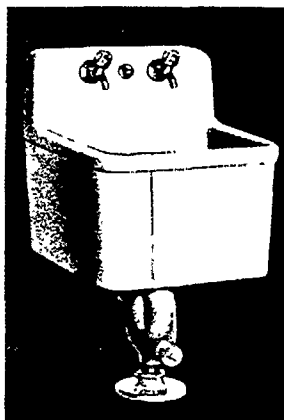
C 17-850

Brass fan flush spreader with 3/4" slip joint inlet for back supply stall urinals.

PRICES COMPLETE

Number	Size	Price	Shpg.Wt.
7-124	24"	\$ 71.90	85 Lbs.
	36"	84.60	130
	48"	105.60	175
7-125	24"	120.00	140
	36"	132.70	185
	48"	159.10	245
9-890	3/4"	14.20	5
	1"	17.00	7
	1 1/4"	18.30	9
	1 1/2"	21.90	12
9-896		7.90	2
7-170 #1	3/4"	42.60	40
#3	1"	48.00	55
#3	1 1/4"	49.30	55
#4	1 1/2"	55.10	65
#4	1 1/2"	58.70	65
#5	1 1/2"	60.40	75
C17-850		4.64	2
C17-852		4.64	2
C17-960		5.68	2
C17-961		6.16	2

Unless otherwise specified all exposed metal trim on this page is chromium plated.



7-500

7-500

Sink: Vitreous glazed Duraclay service sink with 8" back and supporting screw.

Supply: 8-53 *Vantage* 1/2" faucets with *Dial-eze* Controls and pearl-gray *Cranelon* handles.

Trap: 7-620 3" vitreous enameled inside "P" trap standard with strainer.

Sizes 20x18" and 22x20"

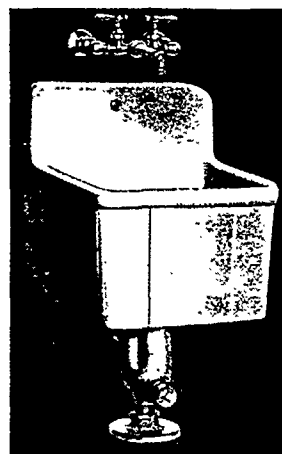
7-505

Sink: Vitreous glazed Duraclay service sink with 8" back and supporting screw.

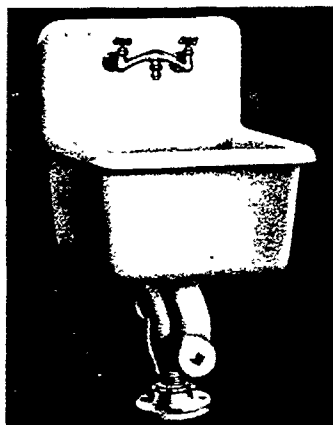
Supply: Fig. 18580, 1/2" brass supply fitting with pail hook.

Trap: 7-620 3" vitreous enameled inside "P" trap standard with strainer.

Sizes 20x18" and 22x20"



7-505



7-561

7-561

Sink: Vitreous enameled inside, painted outside roll rim service sink, with 12" back and concealed hanger.

Supply: C 32-780 1/2" Rgh. N.P. *Telsa* faucet with *Newsleeve* trimming units and renewable seats.

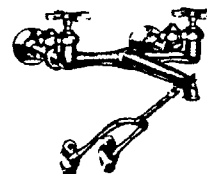
Trap: 7-620, 3" vitreous enameled inside "P" trap standard with strainer.

Sizes 22x18" and 24x20"



C32-780-N

Telsa 1/2" Rgh. N.P. double faucet with *Newsleeve* trimming units, renewable seats, rigid spout with pail hook and hose end. (Supplies adjustable from 7 1/2" to 8 1/2")



C32-896

Telsa 1/2" supply fitting with, *Newsleeve* trimming units, renewable seats, integral screw-driver stops, rigid spout with pail hook and forked brace. (Supplies adjustable from 7 1/2" to 8 1/2")



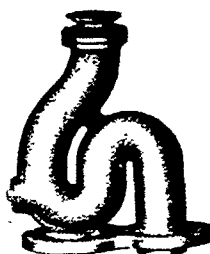
7-620

7-620

Vitreous enameled inside, painted outside, adjustable "P" trap standard, with 3" iron pipe outlet, brass strainer, gaskets and cleanout plug.

7-626

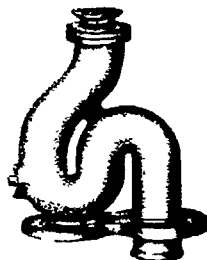
Vitreous enameled inside, painted outside, "S" trap standard with, spigot outlet for 3" soil pipe, brass strainer, gaskets, and cleanout plug.



7-625

PRICES COMPLETE

Number	Size	Price	Shpg. Wt.
7-500	20x18"	\$99.40	150 Lbs.
	22x20"	107.00	170
7-505	20x18"	108.50	155
	22x20"	116.10	175
7-561	22x18"	98.60	150
	24x20"	105.80	175
7-620		30.50	40
7-625		31.70	50
7-626		31.70	50
C 32-780-N		16.80	5
C 32-896		54.00	6
C 32-898	9"	44.20	6
C 32-898	14 1/2"	51.20	8

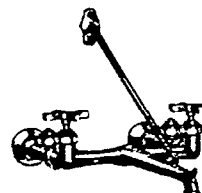


7-626

7-625

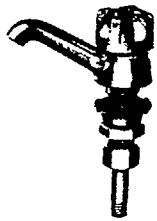
Vitreous enameled inside, painted outside, "S" trap standard for 3" lead or iron pipe, with brass strainer, gaskets, and cleanout plug.

Unless otherwise specified, all exposed metal trim is chromium plated.



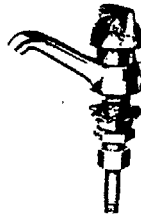
C32-898

Telsa 1/2" supply fitting with, *Newsleeve* trimming units, renewable seats, integral screw-driver stops, rigid spout with pail hook and brace. Available with spout outlet to wall 9" or 14-1/2". (Supplies adjustable from 7 1/2" to 8 1/2").

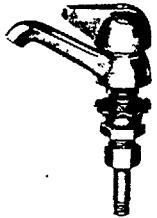


8-30 *Vantage* lavatory faucet with *Dial-ease* Control unit, pearl-gray *Cranelon* handle, and 1/4" tailpiece. Each \$4.60

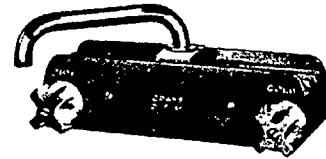
8-31 Same, except with metal handle. Each \$5.30



8-35 *Victor* self-closing lavatory faucet with *Magiclose* Control unit, metal handle, and 1/4" tailpiece. Each \$7.70



8-39 *Vantage* lavatory faucet with *Dial-ease* Control unit, metal lever handle, and 1/4" tailpiece. Each \$5.30



8-70 *Vantage* double sink faucet with swinging spout, *Dial-ease* Control units, pearl-gray *Cranelon* handles and cover plate with integral soap dishes, and 1/2" female inlets. (Supplies adjustable from 7 1/2" to 8 1/2" centers). Each \$9.20

VANTAGE SINK FAUCETS

with *Dial-ease* Control units and pearl-gray *Cranelon* handles.



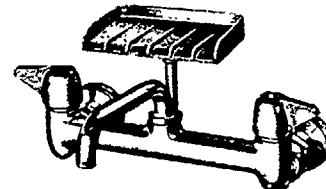
8-50 Plain Spout
1/2" Male Inlet

Rough	Each \$2.32
Finished	2.86
Chr.Pl.	3.22



8-51 Hose End
1/2" Male Inlet

Rough	Each \$2.44
Finished	3.00
Chr.Pl.	3.34



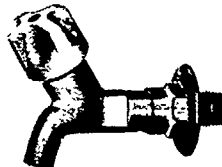
8-71 *Embassy* double sink faucet with swinging spout, *Dial-ease* Control units, with metal lever handles, *Cranelon* removable soap dish, and 1/2" eccentric female inlets, with adjustable flanges (Supplies adjustable, from 7 1/2" to 8 1/2"). Each \$16.80

8-72, Same as 8-71 except with metal soap dish. Each \$17.90



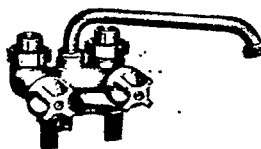
8-53 Plain Spout
1/2" Female
Flanged Inlet

Chr.Pl. Each \$3.70

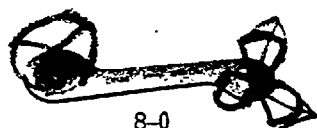


8-56 Plain Spout
1/2" Male Inlet,
Adjustable Screw Flange

Chr.Pl. Each \$5.00



8-90 *Vantage* rough nickel plated double laundry tub faucet with 7 1/2" swinging spout, with hose end, *Dial-ease* Control units, with pearl-gray *Cranelon* handles, 1/2" union inlets on 3-3/8" centers, and bracket for clamping to composition tubs. Each \$9.70



8-0

Sheet steel wrench for *Dial-ease* and *Magiclose* trim. Each \$.20



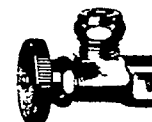
C32-608

Straight stop, metal to metal seat, 3/8" I.P.S. female inlet and outlet. Each \$2.46



C32-609

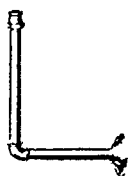
Angle stop, metal to metal seat, 3/8" I.P.S. female inlet and outlet. Each \$2.46



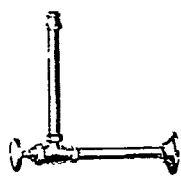
C32-611

Angle stop, metal to metal seat, 3/8" I.P.S. female inlet, 7/16" O.D. slip joint outlet. Each \$2.76

Unless otherwise specified, all exposed metal is chromium plated.

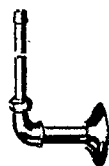


No. 562
3/8" 6x8" angle lavatory
supplies, with 3/8x1/4"
reducers. Per pr. \$5.00

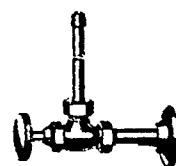


No. 564
3/8" 6x8" angle lavatory
with wheel handle stops
and 3/8x1/4" reducers.
Per pr. \$7.38

If less reducers, deduct per pair \$.48



No. 587FC
3/8x7/16" flexible angle
lavatory supply with
elbow. Per pr. \$4.14



No. 588FC
3/8x7/16" flexible lava-
tory supply, with wheel
handle angle stop.
Per pr. \$7.36

Wall tube 3" center to end - 12" copper upright.



C 32-540
Rough Nickel
plated re-
ducer, for
iron pipe.
3/8x1/4" Per pr. \$.52



C 32-541
Rough Nickel
plated off-
set reducer for iron pipe.
3/8x1/4x2" Per pr. \$1.16



C 33-731
Faucet hole
cover 1 1/2" Dia.
Each \$.30



C 33-751
Wrot. brass
chainstay 1 1/2"
Dia. x 2 1/2" long
Each \$.40



8-350
Brass lavatory P.O. plug with
1 1/2x6" tailpiece (For 1 1/2" stopper).
Each \$3.30



8-365
Open strainer with 1/2x4" 22 ga. satin
finish tailpiece for vitreous enam-
ed sinks with 3/2" dia. outlets.
Each \$2.88

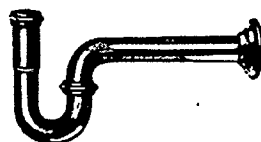
If with 6" tailpiece, Add \$.22

Tailpieces for sink strainer.

		1 1/4"		1 1/2"	
22 Gauge		Satin	Chr.Pl.	Satin	Chr.Pl.
1 1/4 or 1 1/2 x 4"	Each	\$.32	\$.46	\$.38	\$.50
1 1/4 or 1 1/2 x 6"		.48	.66	.52	.70
1 1/4 or 1 1/2 x 8"		.60	.78	.66	.80



8-353
Brass open strainer for lavatories
with overflow, with 1 1/4 or 1 1/2 x 6"
tailpiece. Each \$4.10



8-400
Bent tube adjustable "P"
trap with escutcheon.
Size 20 ga. 17 ga.
1 1/4" Each \$3.90 \$4.22
1 1/2" Each 4.36 4.90



8-420
20 ga. bent tube adjust-
able "P" trap with female
I.P. outlet.
Size Satin Chr.Pl.
1 1/4" Each \$2.98 \$4.52
1 1/2" 3.26 5.14



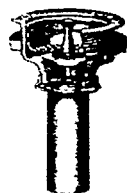
8-354
Open sink strainer with 1 1/4 or
1 1/2x4" 22 ga. satin finish
tailpiece for 2 1/2" outlets.
Each \$1.76



8-355
Open sink strainer with rubber
stopper and 1 1/4 or 1 1/2x4" 22 ga.
satin finish tailpiece for 2 1/2"
outlets. Each \$1.84

8-401
Same as above except with
cleanout.
Size 20 ga. 17 ga.
1 1/4" Each \$4.54 \$4.72
1 1/2" 5.12 5.54

8-421
Same as above except with
cleanout.
Size Satin Chr.Pl.
1 1/4" Each \$3.36 \$5.06
1 1/2" 3.60 5.70



8-360
Recepto hand-operated waste with remov-
able cup strainer, 1 1/2" tailpiece for
Duracloy, vitreous enameled cast iron
and sheet steel sinks with 3 1/2" diam.
outlets. Each \$6.10



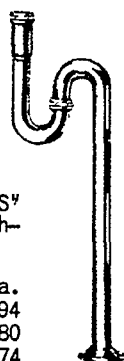
8-410
Cast brass "P" trap with female iron
pipe outlet.
Size Rgh. Brass Chr.Pl.
1 1/4" Each \$3.00 \$5.00
1 1/2" 3.78 5.32

Unless otherwise specified all exposed metal is chromium plated.

8-425

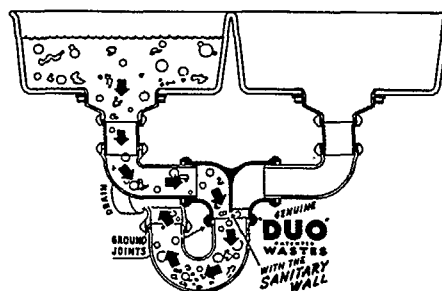
Bent tube adjustable "S" trap with floor escutcheon.

Size	20ga.	17ga.
1½x20½"	Each \$5.48	\$5.94
1½x26½"	6.32	6.80
1½x20½"	6.10	6.74
1½x26½"	6.98	7.66



"DUO" PRINCIPLE
OF SANITARY DRAINING

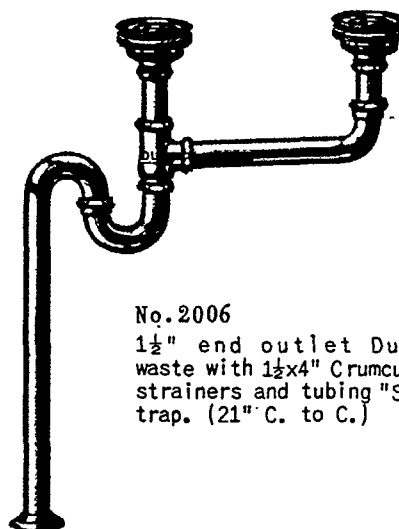
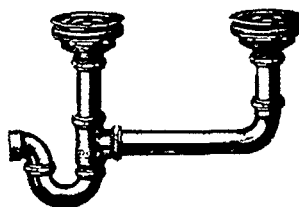
The diagram at the right illustrates how the patented SANITARY WALL construction prevents drain water of one compartment from backing up into other compartment.



8-426

Same as above except with clean-out.

Size	Each	20 ga.	17 ga.
1½x20½"		\$6.08	\$6.44
1½x26½"		6.92	7.46
1½x20½"		6.72	7.36
1½x26½"		7.60	8.28

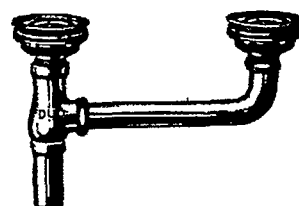


No. 2002

1½" end outlet 20 ga. Duo waste with 1½ x 4" Crumcup strainers and I.P. outlet sink trap. (21" C. to C.)

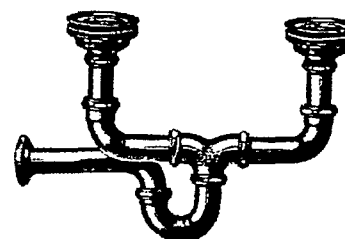
No. 2006

1½" end outlet Duo waste with 1½x4" Crumcup strainers and tubing "S" trap. (21" C. to C.)



No. 2048

1½" end outlet 20 ga. Duo waste with 4" tailpc. and direct connection with Crumcup strainers (21" C. to C.)

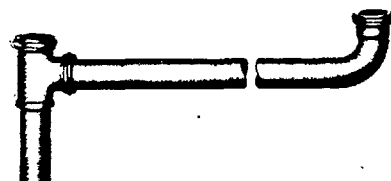


No. 2068

Same, except center outlet.

No. 2024

1½" center outlet 20 ga. Duo waste w/ 1½ x 4" Crumcup strainers and tubing "P" trap. (21" C. to C.)



8-450

20ga. brass end outlet continuous waste with inlets to slip 1½ or 1½" O.D. and with 1½ x 4" tailpiece.

	Rgh.Br.	Rgh.Pl.
(24" C. to C.)		
Two-Part	\$4.88	\$ 5.68
Three-Part	9.22	10.50



20 ga. brass waste bends with 1½" slip inlet.

No.	C to E	Sat. Pl.	Pol. Chr.
2202	9"	\$1.76	\$2.16
2204	12"	2.18	2.74
2207	20"	2.64	3.36
2208	24"	2.96	3.76

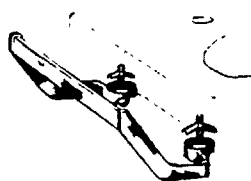


20 ga. brass waste bends with 1½" collar inlet.

No.	C to E	Sat. Pl.	Pol. Chr.
2240	9"	\$1.44	\$1.78
2242	12"	1.86	2.40
2244	20"	2.32	2.96

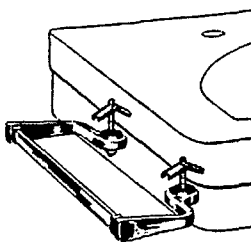
End Outlet			1½" 20 ga. DUO Wastes	Center Outlet		
Number	Satin Pl.	Chr. Pl.	DUO Trap Outlet	Number	Satin Pl.	Chr. Pl.
2002	\$18.26	\$22.16	Female I.P.S.	2022	\$19.14	\$23.12
2004	19.02	21.76	O.D. Tubing "P"	2024	19.90	22.72
2006	20.46	23.54	O.D. Tubing "S"	2026	21.34	24.50
2048	14.78	16.42	Less trap	2068	15.34	17.04

If less Crumcup strainers, Deduct, Satin \$9.38 Chr.Pl. \$9.66



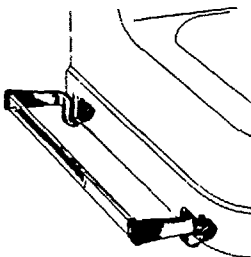
8-690
Temple reversible towel bar for china lavatories, with clear *Cranelon* bar, toggle bolts and gaskets.

Each 17" \$7.70
19" 8.10



8-695
Crestmont reversible towel bar for china lavatories, with clear *Cranelon* bar, toggle bolts and gaskets.

Each 17" \$5.40
19" 5.60



8-696
Crestmont reversible clamp-on towel bars for vitreous enameled cast iron lavatories, with clean *Cranelon* bar, and single screw clamp on each bracket arm.

Each 14" \$5.00
16" 5.10



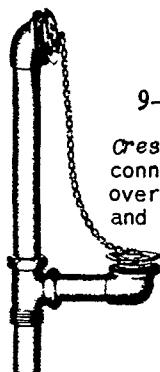
8-705 HEXAGON
8-708 ROUND



8-706 HEXAGON
8-709 ROUND

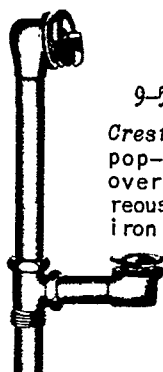
CRESTMONT ADJUSTABLE METAL LAVATORY LEGS

- 8-705** With hexagon shaft for vitreous china lavatories, Per Pair \$14.50
- 8-708** With round shaft for vitreous china lavatories, Per Pair \$14.50
- 8-706** With hexagon shaft for vitreous enameled cast iron lavatories, Per Pair \$14.50
- 8-709** With round shaft for vitreous enameled cast iron lavatories, Per Pair \$14.50



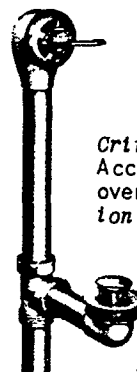
9-50, 9-51, 9-52

Crestmont concealed connected waste and overflow with chain and rubber stopper.



9-55, 9-56, 9-57

Crestmont concealed pop-up waste and overflow for vitreous enameled cast iron baths.



9-60

Criterion concealed waste and overflow for Criterion baths, Each \$22.20

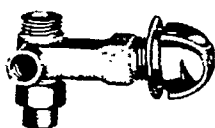


C32-950

Push button self-closing ice water faucet with regulating screw, 3/8" female flanged inlet, Each \$8.40

9-50, for Criterion baths, Each \$9.70
9-51, for Neuday, Oxford, and AllianceWare baths, Each \$9.70
9-52, for Lahoma baths, Each \$9.70

9-55, for Criterion baths, Each \$15.90
9-56, for Neuday and AllianceWare baths, Each \$15.90
9-57, for Oxford baths, Each \$15.90

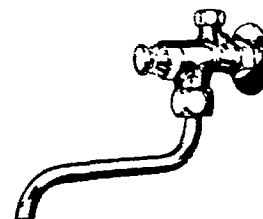


9-300

Temple concealed by-pass pattern bath and shower valve with *Dial-ease* Control unit and 1/2" female union inlet. Each \$9.80

9-301

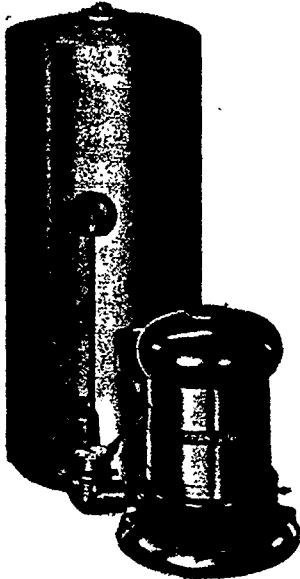
Same, except with 1/2" female I.P. inlet, Each \$8.80



C32-952

Push button self-closing ice water faucet with regulating screw and swinging spout, 3/8" female flanged inlet, Each \$11.90

All exposed metal trim on this page is chromium plated.



CRANE-LINE SEAL-TYPE JET PUMPS AND WATER SYSTEMS

1/4, 1/3, and 1/2 H.P. - 20 to 80 Feet Lifts

Capacities - 185 to 675 G.P.H.

RUGGEDLY BUILT - Pumps feature only one moving part, the bronze impeller connected to the motor shaft.

LEAKPROOF WATER SEAL - Field and laboratory tests have proven this seal to give outstanding and trouble-free service, preventing leakage and wear at the sealing surfaces on the shaft.

AUTOMATIC REGULATING VALVE - Keeps pump from losing prime when water draw is heavy. Maintains exact pressure on ejector for efficient operation.

GLASS LINED VENTURI - Insures minimum friction loss and resists corrosion and abrasion.

MOTOR: Grease sealed ball bearing, capacitor type, 115-230 V., A.C., 60 cycle, single phase. Thermal overload protection.

ALL BRONZE EJECTOR NOZZLE AND BRASS JET

HARD BRONZE RING - Ring in base casting can be easily replaced in case of wear.

PRESSURE RANGE - 20 - 40 Pounds.

COMPLETE WATER SYSTEM - Includes: Pump with motor, pressure gauge, pressure switch, automatic regulating valve, dresser coupling, single or double pipe jet, foot valve and strainer, galvanized storage tank, automatic air control and tubing, hose with 2 clamps for pump to tank connection, and 3 tank feet.

HOW TO USE PRICE AND DATA TABLES

To select the proper system for any purpose it is essential to give the following data:

Size of Well - the inside diameter of well casing.

Depth of well to the draw-down water level - draw-down water level is the level to which the water will drop in the well when pumping the desired capacity.

Capacity required in gallons per hour - amount of water needed for all uses.

After determining requirements, refer to the charts on

on this page which will aid in selecting the proper size pump. Jet pump outfit numbers are shown in the first column, followed by the jet symbol. The capacities are shown in the columns headed by the depths in feet from pump to draw-down water level. All capacities are given in gallons per hour and are rated at 20 pounds per square inch discharge pressure. All pumps normally operate at 20 to 40 pounds per square inch.

PERFORMANCE, CAPACITY, AND PRICES

SINGLE PIPE

PUMP NUMBER	JET NUMBER	* PUMP UNIT ONLY	H.P.	WELL SIZE	PIPE SIZE			DEPTH IN FEET FROM PUMP TO DRAW-DOWN WATER LEVEL							
					SUCT.	PRESS.	DIS.	20	30	40	50	60	70	80	
SJA-2	AB60A	\$128.20	1/4	2	1½	1	1	290	240	200	165				
SJA-2½	AB60B	128.20	1/4	2½	1½	1	1	310	260	260	170				
SJB-2	AB60A	145.40	1/3	2	1½	1	1	295	295	250	205	165			
SJB-2½	AB60B	145.40	1/3	2½	1½	1	1	320	320	270	220	180			
SJC-2	C50A	159.10	1/2	2	1½	1	1	630	560	470	400				
SJC-2	C80A	159.10	1/2	2	1½	1	1					270	230	185	
SJC-2½	C50B	159.10	1/2	2½	1½	1	1	680	605	510	430				
SJC-2½	C80B	159.10	1/2	2½	1½	1	1					290	248	200	

DOUBLE PIPE

SJA-3DP	ABC-25D	\$128.20	1/4	3	1	3/4	1	420						
SJA-3DP	ABC-50D	128.20	1/4	3	1	3/4	1		295	235				
SJB-3DP	ABC-25D	145.40	1/3	3	1	3/4	1	550						
SJB-3DP	ABC-50D	145.40	1/3	3	1	3/4	1		395	325	255			
SJC-3DP	ABC-25D	159.10	1/2	3	1	3/4	1	625						
SJC-3DP	ABC-50D	159.10	1/2	3	1	3/4	1		435	330	280			
SJC-3DP	BC-75D	159.10	1/2	3	1	3/4	1					210		
SJA-4	AB60E	128.20	1/4	4	1 1/2	1	1	355	325	280	235			
SJB-4	AB60E	145.40	1/3	4	1 1/2	1	1	370	360	335	290	245		
SJC-4	C50E	159.10	1/2	4	1 1/2	1	1	675	630	545	460			
SJC-4	C80E	159.10	1/2	4	1 1/2	1	1					340	290	245

IMPORTANT: When ordering, be sure to include the jet number which appears after the pump number in the table above.

For additions on well casing adaptors, see following page.

All prices are F.O.B. Delavan, Wisconsin

***NOTE:** For tanks and tank fittings to complete water systems, add to the price of pump units only, listed above, the following:

TANKS ONLY		FITTINGS			
SIZE	PRICE	SINGLE PIPE		DOUBLE PIPE	
		2" WELL	2 1/2" WELL	3" WELL	4" WELL
18 gal.	\$23.10	\$41.24	\$46.20	\$29.70	\$34.66
42 gal.	35.60	42.08	47.02	30.52	35.48
82 gal.	67.50	43.72	48.68	32.18	37.12

CRANE DEALER PRICE SERVICE

Jet Pumps

CRANE-LINE JET PUMPS AND WATER SYSTEMS

3/4, 1, 1 1/2, and 2 H.P. - 20 to 120 Feet Lifts

Capacities - 200 to 2640 G.P.H.

The CRANE-LINE Jet Pump in the larger sizes of 3/4 through 2 H.P. are built to rugged specifications for use in deep wells to 120 feet in depth.

Economical to operate, these jet pumps may be installed as double pipe or single pipe packer type units. Double pipe installations are utilized where conditions require a pump of more than 1 H.P.

These heavy duty CRANE-LINE Jet Pumps utilize an all bronze, extra deep stuffing box designed for heavy wear and the heavy loads needed at excessive wall depths.

Complete water systems are identical to those shown for the seal-type systems - to select proper system see instructions on preceding page and chart below.

IMPORTANT: When ordering, be sure to include the jet number which appears after the pump number in table below.

NOTE: HEAVY DUTY SYSTEMS WITH 1 1/2 OR 2 H.P. MOTORS ALTHOUGH NOT LISTED BELOW ARE ALSO AVAILABLE. FOR PRICES AND DATA, CONSULT YOUR LOCAL CRANE BRANCH OR CRANE WHOLESALE.

PERFORMANCE, CAPACITY AND PRICES SINGLE PIPE

PUMP NUMBER	JET NUMBER	* PUMP UNIT ONLY	H.P.	WELL SIZE	PIPE SIZE			DEPTH IN FEET FROM PUMP TO DRAW-DOWN WATER LEVEL											
					SUCT.	PRES.	DIS.	20	30	40	50	60	70	80	90	100	110	120	
JD-2½	CDE25B	\$205.40	¾	2½	1½	1	1	1000											
JD-2½	CDE50B	205.40	¾	2½	1½	1	1		800	690	590								
JD-2½	CDE75B	205.40	¾	2½	1½	1	1					505	405						
JD-2½	CDE100B	205.40	¾	2½	1½	1	1							305	200				
JD-3	CDE25C	205.40	¾	3	1½	1	1	1015											
JD-3	CDE50C	205.40	¾	3	1½	1	1		820	715	615								
JD-3	CDE75C	205.40	¾	3	1½	1	1					515	415						
JD-3	CDE100C	205.40	¾	3	1½	1	1							315	210				
JE-2½	CDE25B	256.10	1	2½	1½	1	1	1170											
JE-2½	CDE50B	256.10	1	2½	1½	1	1		980	855	740								
JE-2½	CDE75B	256.10	1	2½	1½	1	1					630	525						
JE-2½	CDE100B	256.10	1	2½	1½	1	1							415	310	200			
JE-3	CDE25C	256.10	1	3	1½	1	1	1200											
JE-3	CDE50C	256.10	1	3	1½	1	1		1000	880	760								
JE-3	CDE75C	256.10	1	3	1½	1	1					650	535						
JE-3	CDE100C	256.10	1	3	1½	1	1							425	315	200			

DOUBLE PIPE

JD-4	CDE25E	\$205.40	3/4	4	1 1/2	1	1	1100										
JD-4	CDE50E	205.40	3/4	4	1 1/2	1	1		890	775	665							
JD-4	CDE75E	205.40	3/4	4	1 1/2	1	1					560	450					
JD-4	CDE100E	205.40	3/4	4	1 1/2	1	1							340	225			
JE-4	CDE25E	256.10	1	4	1 1/2	1	1	1300										
JE-4	CDE50E	256.10	1	4	1 1/2	1	1		1075	950	825							
JE-4	CDE75E	256.10	1	4	1 1/2	1	1					700	580					
JE-4	CDE100E	256.10	1	4	1 1/2	1	1							460	340	215		
JD-5	DE25F	205.40	3/4	5	1 1/2	1 1/2	1	1175										
JD-5	DE50F	205.40	3/4	5	1 1/2	1 1/2	1		990	880	760							
JD-5	DE75F	205.40	3/4	5	1 1/2	1 1/2	1					650	530					
JD-5	DE100F	205.40	3/4	5	1 1/2	1 1/2	1							415	305			
JE-5	DE25F	256.10	1	5	1 1/2	1 1/2	1	1500										
JE-5	DE50F	256.10	1	5	1 1/2	1 1/2	1		1370	1240	1115							
JE-5	DE75F	256.10	1	5	1 1/2	1 1/2	1					980	850					
JE-5	DE100F	256.10	1	5	1 1/2	1 1/2	1							725	590	460		
JE-5	DE125F	256.10	1	5	1 1/2	1 1/2	1									320	200	

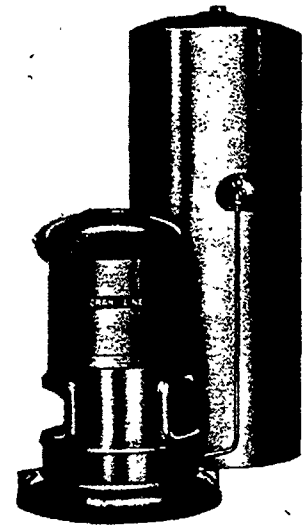
ADDITIONS FOR WELL CASING ADAPTOR

ORDERING NUMBER	WELL SIZE	DIS. OPENING	SUCTION OPENING	PRICE
J51D	2"	1"	1 1/2"	\$8.40
J51A	2 1/2"	1"	1 1/2"	8.80
J51B	3"	1"	1 1/2"	9.40

***NOTE:** For tanks and tank fittings to complete water systems, add to the price of pump units only, listed above, the following:

TANK ONLY		FITTINGS			
SIZE	PRICE	SINGLE PIPE		DOUBLE PIPE	
		2 1/2" WELL	3" WELL	4" WELL	5" WELL
18 gal.	\$23.10	\$46.20	\$49.28	\$34.66	\$49.66
42 gal.	35.60	47.02	50.10	35.48	50.48
82 gal.	67.50	48.68	51.76	37.12	52.12

All prices are F.O.B. Delavan, Wisconsin



CRANE-LINE SHALLOW WELL WATER SYSTEMS

For Lifts up to 25 Feet

AUTOMATIC FEATURES - Automatic starting and stopping with automatic pressure switch and relief valve. Pressure range, 20-40 pounds.

QUIET OPERATION - Unusually slow speed of pump (250 RPM), large valve areas, unrestricted water passages and no gears mean quieter operation.

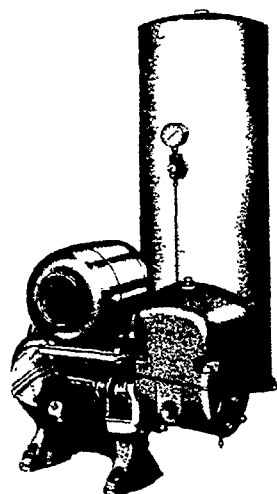
STANDARDIZED PARTS - The power end of all **CRANE-LINE** shallow well reciprocating pumps is identical. Thus fewer repair parts need be carried in stock.

ACCESSIBILITY - Inspection and maintenance of all operating parts is possible without disturbing piping.

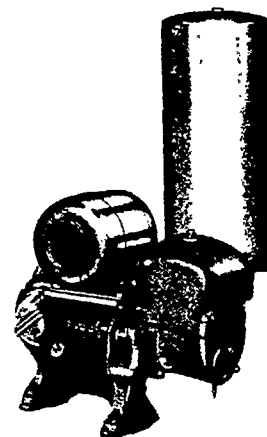
PISTON ROD PACKINGS - Self adjusting, spring loaded piston rod packings require less frequent attention.

SELF-LUBRICATION - **CRANE-LINE** shallow well reciprocating pumps are automatically self lubricated with oil after crank case has been properly filled with oil.

BALLBEARING, CAPACITOR TYPE MOTOR - Especially designed for this purpose. Has high starting torque. Motor is 115-230 volt for single-phase alternating current. Mounted on adjustable base for easy "V" belt adjustment.



With 18, 42, or 82 Gallon Tank



With 4 Gallon Tank

COMPLETE SHALLOW WELL WATER SYSTEMS

CAPACITY GALLONS PER HOUR	WITH 4 GALLON TANK			WITH 18 GALLON TANK						WITH 42 GALLON TANK			WITH 82 GALLON TANK		
	OUTFIT NUMBER	SHP. WT.	PRICE	OUTFIT NUMBER	SHP. WT.	PRICE	OUTFIT NUMBER	SHP. WT.	PRICE	OUTFIT NUMBER	SHP. WT.	PRICE	OUTFIT NUMBER	SHP. WT.	PRICE
250	2504	108	\$142.30	2518	140	\$153.00	2518H*	150	\$160.50	2542	185	\$165.50	2582	240	\$197.40
360	3604	128	158.20	3618	160	168.90	3618H*	165	176.40	3642	205	181.40	3682	270	213.30
500	5004	138	168.30	5018	170	179.10	5018H*	175	186.60	5042	215	191.50	5082	280	219.00
600	6004	143	185.10	6018	175	195.90	6018H*	185	203.40	6042	220	208.30	6082	285	240.30

*Shallow well pump unit mounted on 18 gallon horizontal tank (illustrated on page 55).

COMPLETE WATER SYSTEMS

Include: Pump unit as described above; automatic air volume control⁴ and tubing; pressure gauge; brass globe valve; tank supports; pipe and fittings from pump to tank; galvanized pneumatic storage tank.

PUMPING UNIT ONLY

Includes: Pump with 115-230 V., 60 cycle, S.P., repulsion-induction type A. C. motor; automatic pressure switch; relief valve; V-belt drive.

⁴ The air volume control is not supplied with the .2504, .3604, 5004, or 6004 model water systems.

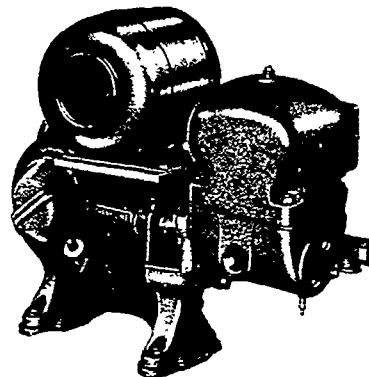
COMPLETE WATER SYSTEMS

APPROXIMATE OVERALL DIMENSIONS (SAME FOR ALL CAPACITIES)

	WITH 4 GALLON TANK	WITH 18 GALLON VERT. TANK	WITH 18 GALLON HORIZ. TANK	WITH 42 GALLON TANK	WITH 82 GALLON TANK
WIDTH	23"	23"	35"	23"	23"
DEPTH	23½"	32"	18"	36"	40"
HEIGHT	28½"	39"	36"	52"	64"

SHALLOW WELL PUMP UNIT ONLY

ORDERING NUMBER	UNIT PRICE	CAPACITY G.P.H.	MOTOR H.P.	SHPG. WT. POUNDS	PIPE SIZES - INCHES	
					SUCTION	DISCHARGE
2500	\$115.90	250	1/4	85	1	3/4
3600	129.30	360	1/4	105	1 1/4	1
5000	135.30	500	1/3	115	1 1/2	1 1/4
6000	152.10	600	1/2	120	1 1/2	1 1/4



All prices are F.O.B. Delavan, Wisconsin

**CRANE-LINE SHALLOW WELL WATER SYSTEMS
WITH HORIZONTAL TANK**

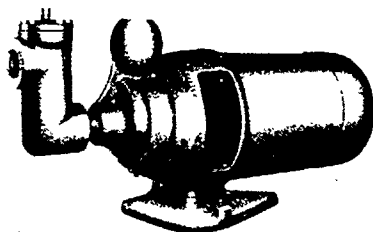
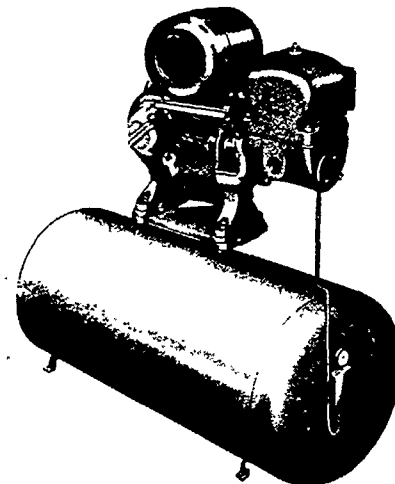
For Lifts up to 25 Feet

This self-contained unit makes installation simple and inexpensive. The 18 gallon horizontal tank model shallow well water system is a complete factory assembled system which includes a standard CRANE-LINE unit mounted on an 18 gallon horizontal tank with complete pipe connections.

This is a high-grade, automatic water system which has low installation cost, is complete in every detail, and is ideal for use where small storage supply is required.

Nos. 2518-H, 3618-H, 5018-H, and 6018-H

For ratings, prices, and dimensions, see preceding page.



Turbine Pumps

CRANE-LINE REGENERATIVE TURBINE PUMPS AND WATER SYSTEMS

Shallow Well - for lifts up to 28 feet

Capacities - 360, 500, and 630 G.P.H.

SIMPLICITY - There are no belts to replace, no gears to wear, no valves, springs, leathers, or plungers to give trouble - only one moving part.

ALL-BRONZE PUMP UNIT - All possibility of rust or corrosion of the pump itself is eliminated..no rust in the water from this pump, but rather, crystal-clear water. Case, shaftsleeve, backhead, and impeller...all special bronze. Alloys - selected for maximum strength, wear resistance and ability to run together.

LIFETIME SERVICE - Reliable operating efficiency is abetted by use of replaceable colored plastic gaskets, which can be used to restore efficiency in case of wear by abrasives in the water. Internal erosion held to a minimum.

UNIT-BUILT MOTOR - Modern, streamlined design brings all parts into a solid, substantial unit. Motor is heavy duty, capacitor type...sealed bearing, lubricated for life with exactly the right grade and quantity of lubricant. 60 cycle, single phase, 115-230 volts. Equipped with overload and under-voltage protection.

PUMP UNIT AND WATER SYSTEM PRICES

1/4 H.P. 360 G.P.H.			1/3 H.P. 500 G.P.H.			1/2 H.P. 630 G.P.H.		
OUTFIT NUMBER	PUMP ONLY	PUMP, TANK, AND FITTINGS	OUTFIT NUMBER	PUMP ONLY	PUMP, TANK, AND FITTINGS	OUTFIT NUMBER	PUMP ONLY	PUMP, TANK, AND FITTINGS
TA-360	\$136.80		TB-500	\$165.00		TC-630	\$188.10	
TA-3604		\$168.90	TB-5004		\$197.10	TC-6304		\$221.30
TA-3618		179.60	TB-5018		207.80	TC-6318		232.00
*TA-3618-H		187.10	*TB-5018-H		215.30	*TC-6318-H		239.60
TA-3642		192.90	TB-5042		221.10	TC-6342		245.30
TA-3682		226.50	TB-5082		254.70	TC-6382		277.80

*With 18 gallon Horizontal Tank.

All prices are F.O.B.

Delavan, Wisconsin

TANK ONLY

4 gallon	Each	\$12.40
18 gallon Vert.		23.10
18 gallon Hor.		30.60
42 gallon		35.60
82 gallon		67.50

COMPLETE WATER SYSTEMS

Include: Pump unit as described above; automatic air volume control and tubing, pressure gauge, tank support, pipe and fittings from pump to tank; foot valve and galvanized storage tank.

CRANE-LINE DEEP WELL PUMPING SYSTEMS

Pumping depths down to 275 feet

UNIT CONSTRUCTION - Designed so that all working parts are assembled in one unit independent of the housing. The entire pumping mechanism can be removed intact without disturbing piping or draining oil.

SELF-LUBRICATING - All bearings and wearing surfaces are automatically flooded with oil. No attention required other than maintaining oil in housing.

EXCEPTIONALLY QUIET - All gears are of the helical type...the best type known. Silent gears and accurate manufacture of all parts make this unit quiet in operating.

BALANCED FORCES - All working parts in the mechanism operate in pairs, thus balancing the load and eliminating the side forces. All parts in perfect alignment. Minimum wear and increased life assured.

MODERN DESIGN - Unusually compact and simple in design, thus highly efficient and durable. Fully enclosed for pleasing appearance and easy cleaning.

DRIP-PROOF MOTOR - Capacitor type or Repulsion-Induction type; windings impregnated to resist moisture; mounted on an adjustable base.

ADJUSTABLE MOTOR ADAPTER PLATE - Permits simple method for maintaining proper tension on heavy duty drive belts.



PRICES AND DATA

PUMP UNIT ONLY				WITH 18 GALLON TANK			WITH 42 GALLON TANK			WITH 82 GALLON TANK		
OUTFIT NUMBER	MOTOR H.P.	UNIT PRICE	SHPG WGT.	OUTFIT NUMBER	PRICE	SHPG WGT.	OUTFIT NUMBER	PRICE	SHPG WGT.	OUTFIT NUMBER	PRICE	SHPG WGT.
1A	1/4	\$164.50	150	1A-018	\$215.60	210	1A-042	\$228.00	255	1A-082	\$260.00	320
1B	1/3	186.20	155	1B-018	237.20	215	1B-042	249.70	260	1B-082	281.60	325
1C	1/2	203.20	160	1C-018	254.30	220	1C-052	266.80	265	1C-082	298.70	330
1D	3/4	224.10	185	1D-018	275.20	245	1D-042	287.60	290	1D-082	319.60	355
1E	1	260.20	200	1E-018	311.20	260	1E-042	323.70	305	1E-082	355.70	370

All prices are F.O.B. Delavan, Wisconsin

PUMPING UNIT ONLY

Includes: Pump with 115-230 V.A.C., 60 cycle, S.P. motor; V-belt drive; air pump. (Special motors on application.)

DEEP WELL WATER SYSTEMS

Furnished with 18, 42, or 82 gallon tank. Includes: Pump unit as described above; automatic air volume control and tubing; pressure gauge, automatic pressure switch; check valve; relief valve; piping from pump to tank; galvanized pneumatic storage tank and tank supports.

ADDITIONS

Anti-Freeze Set Length (length, 6 Ft. or less) for deep well systems.

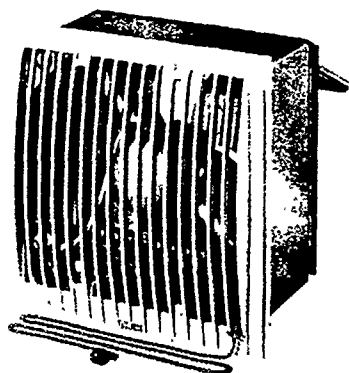
Add to list prices \$41.10

Sub Base for deep-well systems...Add to list prices..... \$8.26
Sub Base is 12" high, to support the pump and allow space for well casing extension above floor line and installation of well cap.

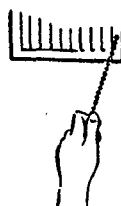
CAPACITIES

CAPACITY GALS. PER HOUR	CYLINDER DIA. INCHES	DEPTH IN FEET FROM PUMP TO DRAW-DOWN WATER LEVEL				
		1/4 H.P.	1/3 H.P.	1/2 H.P.	3/4 H.P.	1 H.P.
		OUTFIT NUMBER				
		1 A	1 B	1 C	1 D	1 E
115	1 3/8	75	120	200		
200	1 13/16	35	70	135	200	275
245	2		45	100	185	240
310	2 1/4			75	130	175
380	2 1/2			40	95	125
460	2 3/4				65	100
550	3				40	60

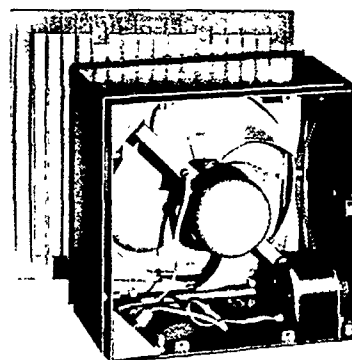
No. 1 Deep Well Pump: Stroke, 5"; 60 strokes per minute; piston rod diam. 5/8"-12 threads per inch; drop tap, 2 1/2"; discharge tap, 1 1/4"; pres. cylinder diam., 1 15/16".



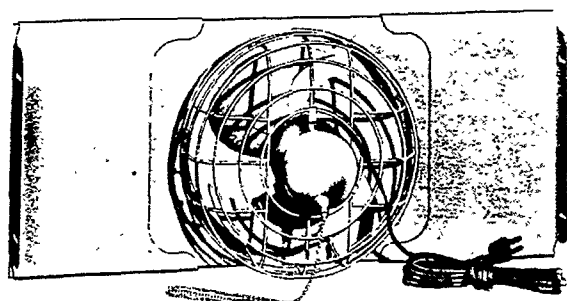
**CRANE-LINE
CR-20
PULL CHAIN**



CRANE-LINE BUILT-IN FANS
Keeps homes fresh and clean.
Removes objectionable odors from kitchen.
Rapidly removes steam, excess heat and odors from Bath and Laundry Rooms.
Keeps recreation rooms cool and free from smoke or odors.
Rugged construction - balancing of fan wheel assures quiet, low-cost operation.
No radio interference from motor.
Cabinet blends with room color schemes.



**CRANE-LINE
CR-30
AUTOMATIC**



CRANE-LINE CR-10 PORTABLE

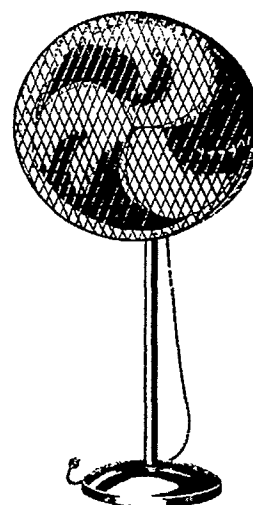
Easily installed.
Mounted on window frame or back of sash permitting window to be closed and locked at will.
Plugs in to nearest electrical outlet.
Fits any ordinary window.
With adjustable panel 26-36" or 36-46"

Specify Motor Current Characteristics
110 or 220V. 50 or 60 cycle AC available for all models.
25 cy. AC or 115V. DC available for models CR-10 and CR-20 only

Specifications and Prices

Model	R.P.M.	Capacity C.F.M.	Watts	Shp.Wt. Lbs.	Price F.O.B.
*CR-10 Portable	1550	500	40	22	\$43.50
CR-20 Pull Chain	1550	500	40	28	66.10
CR-30 Automatic	1550	500	55	29	93.90
CR-44 Attic	1140	4400	370	165	216.20
CR-76 Attic	855	3080	185		
	855	7600	450	260	268.80
	600	5500	345		

*Specify whether with 26-36" or 36-46" adjustable panel
+Prices are F.O.B. Chicago and include Government excise tax.



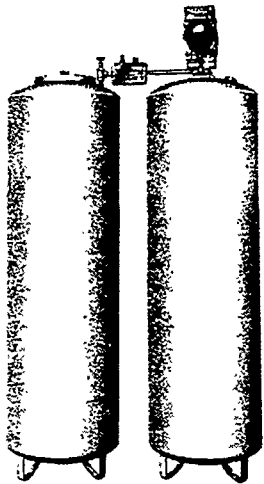
**CR-44
CR-76**

CRANE-LINE NIGHT COOLING FAN

Quickly placed in front of open window.
Requires no installation.
Unit mounted on rubber.
Minimum of noise.
Plugs into nearest electric outlet.
Drives out hot daytime air-draws in cool night time air.
Fan adjusts to window height.
No radio interference.

REFINITE WATER SOFTENERS

DELUXE MODELS - DS AND DR



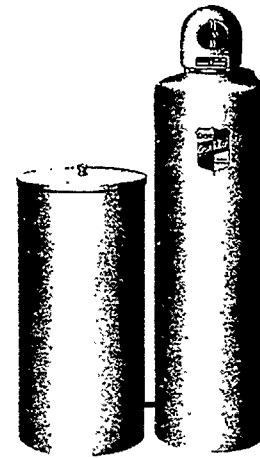
DELUXE

These water softeners embody the down-flow principle, water being filtered and softened as it passes down through the zeolite bed. When in operation there are no moving parts. A single lever Multi-Port Solo Valve controls all mechanical operations. Tanks are heavy grade steel, electrically welded.

A special distributor within each softener insures permanent corrosion-free operation. The brine tank holds enough salt for several regenerations, and is equipped with a convenient brine gauge. An exclusive saturation salt chamber prepares a full charge of saturated brine solution in advance of regeneration. There is no danger of "under salting". The top of the tank is constructed to prevent unsightly salt corrosion creeping to the outside of the tank as often occurs with ordinary type brine tanks.

CRUSADER MODELS - CS AND CR

The Crusader is available in two models—CS models are equipped with synthetic zeolite for average waters and CR models are equipped with resinous zeolite for iron waters, acid waters, or special problem waters. They have a dial-type Solo valve control, heavy steel tank finished in gray hammertone baked enamel. Brine tank is waist-high, easy to fill and maintain.



CRUSADER

SPECIFICATIONS and PRICES

Model No.	Tank Dia. Inches	Flow Service	Rate Back Wash	** Capacity (grains)	Salt		Zeolite Type	Floor Space Inches	Overall Height Inches	Pipe Size Inches	#Price	Shpg. Weight Pounds
					Tank Cap.	Lbs. Per Regen.						
DS 30	12	5	5	30,000	100	20	Syn.	14 x 32	63	3/4	\$ 270.00	420
DS 40	16	8½	8½	40,000	250	26	Syn.	18 x 40	69	3/4	346.50	700
DS 60	18	10½	10½	60,000	300	39	Syn.	20 x 44	70	3/4	405.00	825
DS 100(A)	22	16	16	100,000	500	65	Syn.	24 x 54	76	3/4	757.50	1325
DS 100(B)	22	16	16	100,000	500	65	Syn.	24 x 54	76	1	901.50	1440
DR 20	12	5	4	20,000	100	13	Res.	14 x 32	63	3/4	283.50	360
DR 40	14	6½	5½	40,000	150	26	Res.	16 x 36	64	3/4	360.00	485
DR 60	16	8½	7	60,000	250	39	Res.	18 x 40	69	3/4	447.80	700
DR 80	18	10½	9	80,000	300	52	Res.	20 x 44	70	3/4	526.50	800
DR 140(A)	22	16	13	140,000	500	91	Res.	24 x 54	76	3/4	973.50	1300
DR 140(B)	22	16	13	140,000	500	91	Res.	24 x 54	76	1	1117.50	1415
CS 20	10*	3½	3½	20,000	100	13	Syn.	14 x 32	59½	1/2	193.50	255
CS 30	12*	5	5	30,000	100	20	Syn.	14 x 32	59½	1/2	218.30	355
CS 40	14*	6½	6½	40,000	150	26	Syn.	16 x 36	60	1/2	252.00	440
CS 50	16*	8½	8½	50,000	250	33	Syn.	18 x 40	60½	1/2	288.00	545
CR 20	12*	5	4	20,000	100	13	Res.	14 x 32	59½	1/2	226.50	285
CR 40	14*	6½	5½	40,000	150	26	Res.	16 x 36	60	1/2	297.00	390
CR 60	16*	8½	7	60,000	250	39	Res.	18 x 40	60½	1/2	380.20	510
CR 80	18*	10½	9	80,000	300	52	Res.	20 x 44	61	1/2	450.00	635
ES 20	10	3½	3½	20,000		15	Syn.	14 x 14	48	1/2	127.50	210

ØFor ILLUSTRATION OF THE Easy Model ES-20 SEE FOLLOWING PAGE.

*For Softener Tanks Only, Salt Tanks are 2" Larger in diameter. #All prices are F.O.B. Omaha, Nebraska

**To determine actual capacity in gallons of soft water, divide capacity in grains by the compensated hardness of water supply.

Free Water Testing Service: If you have a municipal water supply, you can determine the condition of your water by calling the City Water Department. However, you are urged to send in a sample to your nearest Crane Branch or Crane Wholesaler to receive a complete free analysis and recommendation of the unit necessary.

REFINITE WATER SOFTENERS

EASY MODELS-ES



EASY

The *Easy* model softener is simplicity in itself. Only one valve controls its entire operation and regeneration requires less than 30 minutes.

It is an upflow single tank unit equipped with high capacity synthetic zeolite. Salt is placed in an accessible salt chamber in the top of the softener and the salt brine is allowed to enter the softener through a special top opening.

The *Easy* softener is finished in gray hammertone baked enamel.

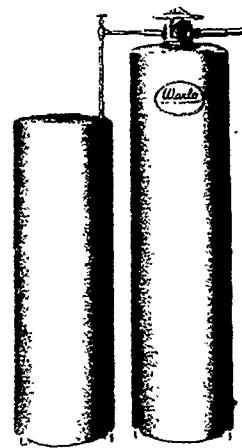
For price and data, see preceding page.

WARLO WATER SOFTENERS

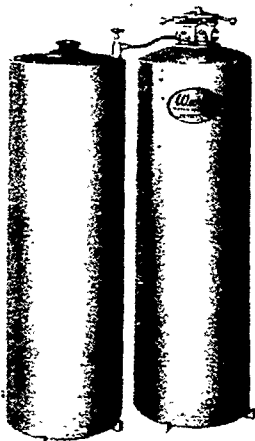
MODELS LTD and CR

Both models operate on the down-flow principle. Water passes down through a bed of high grade zeolite and then into the domestic pipe line. During regeneration, brine is introduced into the softener tank by means of an easily operated ejector valve. The strong welded steel tanks are galvanized and aluminum painted.

For prices, see your local Crane Branch or Crane Wholesaler.



MODEL LTD



MODEL CR

SPECIFICATIONS

MODEL NUMBER		BTD-20	BTD-30	BTD-40	CR-21	CR-38	CR-68	CR-132
DIAMETER OF TANK (INCHES)		12	15	15	11	15	20	28
CAPACITY* (GRAINS)		20000	30000	40000	21000	38000	68000	132000
OVERALL HEIGHT (INCHES)		55	56	60	59	60	61	64
FLOOR SPACE (INCHES)		13 x 27	16 x 33	16 x 33	12 x 25	16 x 33	21 x 43	30 x 59
PIPE SIZE (INCHES)		1/2	3/4	3/4	3/4	3/4	1 1/4	1 1/4
SALT TANK CAPACITY (LBS.)		84	125	125	84	150	270	528
SALT PER REGENERATION (LBS.)		14	20	28	14	25	45	88
FLOW RATE (G.P.M.)		6.25	9.75	10	5.25	10	17.5	34
BACKWASH RATE (G.P.M.)		4 to 6	6 to 9	6 to 9	3.25 to 5	6 to 9	11 to 16.5	21 to 32
APPROX. SHPG. WT. (POUNDS)		350	470	550	305	490	990	1890

*To determine actual capacity in gallons of soft water, divide capacity in grains by the compensated hardness of water supply.

REFINITE FILTERS AND NEUTRALIZERS

MODEL A ABSORPTION FILTER - For the removal of undesirable tastes and odors from water.

MODEL P ANTHRAFILT FILTER - For clearing turbid waters resulting from accumulations of clay, silt, iron oxide, etc.

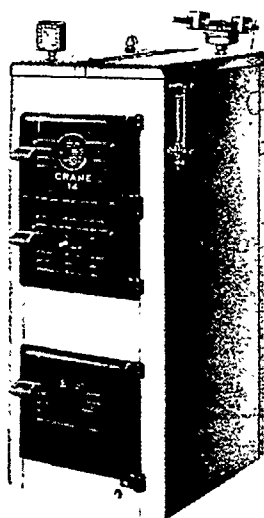
MODEL N NEUTRALIZER - For correcting acid conditions through filtration.



SPECIFICATIONS AND PRICES

MODEL NUMBER	A-12	A-16	P-12	P-16	N-12	N-16
SIZE, VALVE OPENINGS, INCHES	1/2	3/4	3/4	3/4	1/2	3/4
OVERALL HEIGHT (INCHES)	60	61 1/2	63	69	60	61 1/2
FLOOR SPACE (INCHES)	12x12	16x16	12x12	16x16	12x12	16x16
AC MINERAL (CU.FT.)	1.5	3.5	-	-	-	-
P MINERAL (CU.FT.)	-	-	1.5	2.75	-	-
EL MINERAL (CU.FT.)	-	-	-	-	2.25	4.5
FLOW RATE (G.P.M.)	3 1/2	3 1/2	3.4	5.6	3 1/2	6 1/2
BACKWASH RATE (G.P.M.)	6 1/2	6 1/2	8	14	5 to 7	10 to 12
*PRICE EACH	\$133.50	\$184.50	\$169.50	\$199.50	\$141.00	\$196.50
APPROX. SHPG. WT. (LBS.)	250	430	370	630	450	780

*All prices are F.O.B. Omaha, Nebraska.



CRANE FOURTEEN BOILERS FOR SMALL LOW COST HOMES

For Hand-Firing, Oil and Stoker-Firing

Wet Base (Water-Jacketed Ash Pit)

Patented Controlled Water Travel

Large Ceiling Heating Surface

Provision for Internal Domestic Water Heater

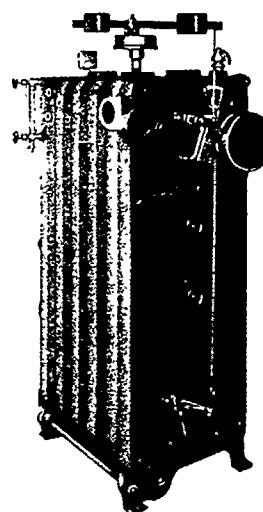
Steam Boiler - Submerged Top Nipples

Water Boiler - Return Inlet Permits Installation
of Hot Water Systems in Homes without Basements.

I.B.R. Ratings Comfortably Developed



Reg. U.S. Pat. Off.



BOILER PRICES INCLUDE		STEAM	WATER
HAND FIRED	Damper Regulator Firing Tools	Pop-Safety Valve Pressure Gauge	Combination Altitude Gauge and Thermometer
OIL & STOKER	Flue Scraper	Water Gauge	

Crane Fourteen - Jacketed

Crane Fourteen - Unjacketed

STEAM NUMBER	GROSS I-B-R OUTPUT B.T.U.	NET I-B-R RATING B.T.U.	RATING SQUARE FEET STEAM	UNJACKETED		JACKETED		*EXTERNAL HEATING SURFACE Sq.Ft.	CHIMNEY SIZE	I-B-R FIRING RATE PER HR.
				BOILER PRICE	APPROX. SHp. WT. LBS.	BOILER PRICE	APPROX. SHp. WT. LBS.			
FOR HAND FIRING										
S-14-4	95,000	40,000	170	\$263.00	672	\$300.00	732	60	8x8x25	—
S-14-5	132,000	56,000	235	286.00	800	326.00	868	66	8x8x30	—
S-14-6	168,000	73,000	305	311.00	923	355.00	997	76	8x8x30	—
S-14-7	203,000	90,000	375	357.00	1055	400.00	1139	78	8x8x35	—
FOR OIL FIRING										
SO-14-4	97,000	63,000	265	\$254.00	585	\$290.00	645	60	8x8x20	1 Gal.
SO-14-5	125,000	82,000	340	277.00	700	314.00	765	66	8x8x25	1½ "
SO-14-6	152,000	100,000	415	301.00	810	344.00	882	76	8x8x25	1½ "
SO-14-7	180,000	119,000	495	343.00	929	386.00	1010	78	8x8x30	1½ "
FOR STOKER FIRING										
SM-14-5	125,000	82,000	340	\$277.00	703	\$314.00	768	66	8x8x30	14.8#
SM-14-6	152,000	100,000	415	301.00	813	344.00	885	76	8x8x30	18.0#
SM-14-7	180,000	119,000	495	343.00	932	386.00	1013	78	8x8x35	21.3#
WATER NUMBER	FOR HAND FIRING									
W-14-4	95,000	40,000	270	\$254.00	667	\$289.00	727	60	8x8x25	—
W-14-5	132,000	56,000	375	280.00	795	318.00	863	66	8x8x30	—
W-14-6	168,000	73,000	485	308.00	918	348.00	992	76	8x8x30	—
W-14-7	203,000	90,000	600	348.00	1050	396.00	1134	78	8x8x35	—
FOR OIL FIRING										
WO-14-4	97,000	63,000	425	\$245.00	580	\$280.00	640	60	8x8x20	1 Gal.
WO-14-5	125,000	82,000	545	267.00	695	307.00	760	66	8x8x25	1½ "
WO-14-6	152,000	100,000	665	297.00	805	338.00	877	76	8x8x25	1½ "
WO-14-7	180,000	119,000	795	335.00	924	380.00	1005	78	8x8x30	1½ "
FOR STOKER FIRING										
WM-14-5	125,000	82,000	545	\$267.00	698	\$307.00	763	66	8x8x30	14.8#
WM-14-6	152,000	100,000	665	297.00	808	338.00	880	76	8x8x30	18.0#
WM-14-7	180,000	118,000	795	335.00	927	380.00	1008	78	8x8x35	21.3#

Oil Ratings Based on Using Conservoil Flue Inserts which are included in Prices Shown Above. *Room Heating Effect in Sq. Ft. of Radiation with Unjacketed Boiler.

NOTES:

Hand-Fired Boilers Available with Hand Operated Draft Door Instead of Automatic Damper Regulator, Same Price.

When Indirect Water Heater is Installed ADD 1.6 Sq.Ft. (Water) 1 Sq.Ft. (Steam) per Gal. of Tank Capacity to Installed Radiation. Internal Heater Should Not be Used on Hand-Fired Water Jobs Unless Suitable Provision is Made for Maintaining Proper Water Temperature. Back Section has Openings for Connecting Fire Box Heater.

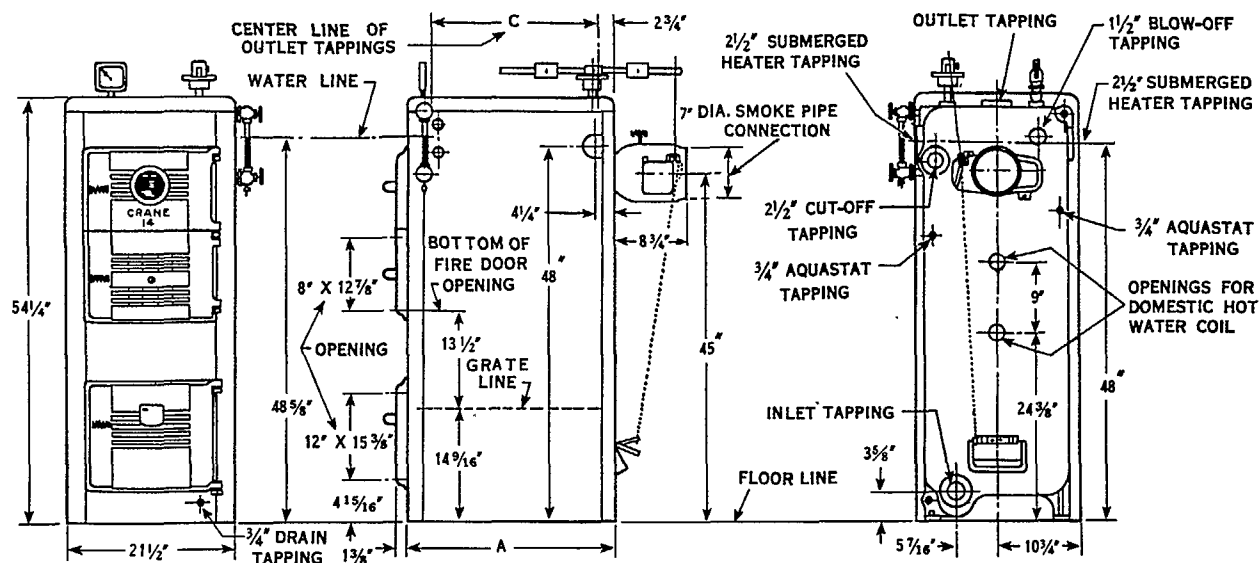
FOR ADDITIONAL EQUIPMENT

	ADD	ADD
Low Water Cut Off.....	\$26.10	8 Lbs.
Internal Water Heater for 40 Gal. Tank	18.00	6 Lbs.
for 66 Gal. Tank	19.10	9 Lbs.
Combustion Chamber for #14-4 Boiler...	13.20	76 Lbs.
for #14-5, 14-6 or 14-7....	15.90	103 Lbs.

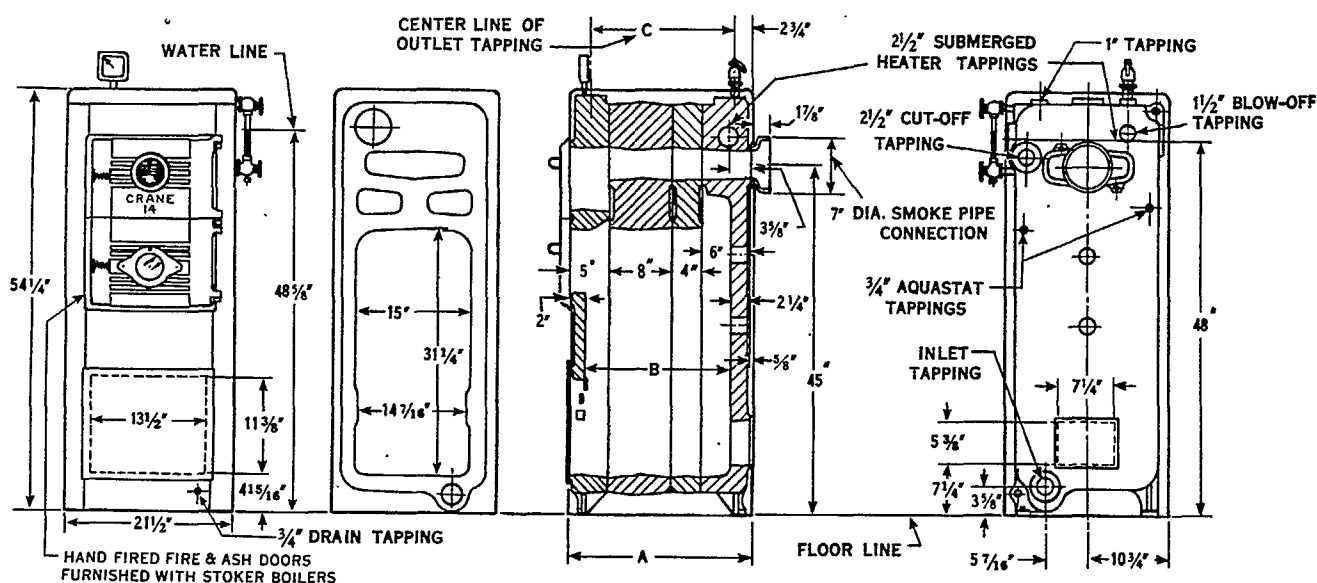
Boilers are Shipped with Sections Assembled.

Prices are F.O.B. Chattanooga, Tenn. For Freight Terms see page 66.

DIMENSIONS AND SECTIONAL ASSEMBLIES FOR CRANE FOURTEEN BOILERS



HAND FIRED BOILERS



AUTOMATICALLY FIRED BOILERS

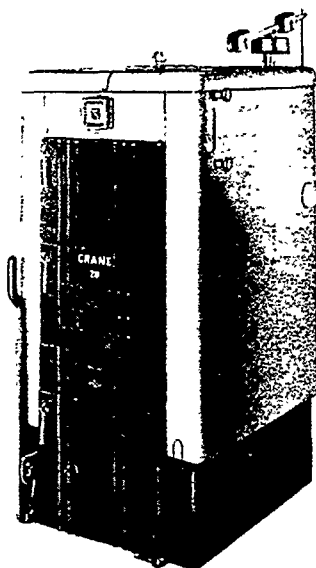
BOILER NUMBER			STACK SIZE, IN. ALL BOILERS	STACK HEIGHT, FT.			DIMENSIONS INCHES			ASSEMBLAGE OF SECTIONS	TWO OUT-LETS	ONE IN-LET
HAND FIRED	OIL FIRED	STOKER FIRED		HAND	OIL	STOKER	A	B	C			
S-14-4	SO-14-4	—	8x8	25	20	—	15-5/8	10-3/4	10	FT-SM-RT	2 1/2"	2 1/2"
W-14-4	WO-14-4	—	8x8	30	25	30	19-5/8	14-3/4	14	FT-M-RT	2 1/2"	2 1/2"
S-14-5	SO-14-5	SM-14-5	8x8	30	25	30	23-5/8	18-3/4	18	FT-M-SM-RT	2 1/2"	2 1/2"
W-14-5	WO-14-5	WM-14-5	8x8	35	30	35	27-5/8	22-3/4	22	FT-M-M-RT	2 1/2"	2 1/2"
S-14-6	SO-14-6	SM-14-6	8x8	30	25	30	23-5/8	18-3/4	18	FT-M-SM-RT	2 1/2"	2 1/2"
W-14-6	WO-14-6	WM-14-6	8x8	35	30	35	27-5/8	22-3/4	22	FT-M-M-RT	2 1/2"	2 1/2"
S-14-7	SO-14-7	SM-14-7	8x8	35	30	35	27-5/8	22-3/4	22	FT-M-M-RT	2 1/2"	2 1/2"
W-14-7	WO-14-7	WM-14-7	8x8	35	30	35	27-5/8	22-3/4	22	FT-M-M-RT	2 1/2"	2 1/2"

FT - FRONT SECTION (TAPPED)
RT - REAR SECTION (TAPPED)

SM - INTERMEDIATE SECTION SINGLE
M - INTERMEDIATE SECTION DOUBLE

ALL BOILERS HAVE ONE 3/4" POP VALVE AND TWO 2 1/2" INTERNAL HEATER TAPPINGS.

CRANE TWENTY BOILERS

Crane Twenty
Jacketed Boiler

For Hand Firing, Oil or Stoker Firing
Provision for Internal Domestic Water Heater
Patented Controlled Water Travel
Large Ceiling Heating Surface
Steam Boiler - Submerged Top Nipples
I.B.R. Ratings Comfortably Developed



Reg. U. S. Pat. Off.

Crane Twenty
Unjacketed Boiler

BOILER PRICES INCLUDE			STEAM	WATER
HAND FIRED	Damper Regulator	Pop-Safety Valve	Combination	
	Firing Tools	Pressure Gauge	Altitude Gauge	
OIL & STOKER	Flue Scraper	Water Gauge	and Thermometer	

STEAM BOILER NUMBER	WATER BOILER NUMBER	GROSS I-B-R OUTPUT B.T.U.	NET I-B-R RATING			UNJACKETED		JACKETED		CHIMNEY SIZE	I-B-R FIRING RATE PER HOUR
			B.T.U.	SQUARE FEET		STEAM OR WATER / PRICE	APPROX. SHP. WT. LBS.	STEAM OR WATER / PRICE	APPROX. SHP. WT. LBS.		
				STEAM	WATER						
FOR HAND FIRING											
S-20-5	W-20-5	146,000	63,000	260	420	\$315.00	1088	\$355.00	1190	8x8x30	—
S-20-6	W-20-6	195,000	87,000	360	580	355.00	1245	398.00	1355	8x8x35	—
S-20-7	W-20-7	244,000	111,000	460	740	404.00	1346	450.00	1465	8x12x35	—
S-20-8	W-20-8	292,000	135,000	560	900	462.00	1506	512.00	1640	8x12x35	—
S-20-9	W-20-9	340,000	159,000	660	1060	496.00	1582	548.00	1755	8x12x35	—
S-20-10	W-20-10	387,000	183,000	760	1220	568.00	1751	622.00	1930	12x12x35	—
S-20-11	W-20-11	434,000	207,000	860	1380	592.00	1867	652.00	2055	12x12x40	—
** FOR OIL FIRING											
SO-20-5	WO-20-5	120,000	80,000	330	530	\$272.00	938	\$312.00	1040	8x8x30	1.25 Gals.
SO-20-6	WO-20-6	144,000	96,000	400	640	318.00	1080	354.00	1190	8x8x30	1.50 Gals.
SO-20-7	WO-20-7	170,000	113,000	475	755	354.00	1166	400.00	1285	8x8x30	1.75 Gals.
SO-20-8	WO-20-8	196,000	131,000	545	870	398.00	1306	440.00	1440	8x12x30	2.0 Gals.
SO-20-9	WO-20-9	222,000	149,000	620	990	430.00	1367	484.00	1540	8x12x30	2.25 Gals.
SO-20-10	WO-20-10	248,000	167,000	695	1110	468.00	1521	520.00	1700	8x12x35	2.50 Gals.
SO-20-11	WO-20-11	274,000	185,000	770	1230	518.00	1617	572.00	1805	8x12x35	2.75 Gals.
FOR STOKER FIRING											
SM-20-6	WM-20-6	144,000	96,000	400	640	\$318.00	1080	\$354.00	1190	8x8x30	17.0 Lbs.
SM-20-7	WM-20-7	170,000	113,000	475	755	354.00	1166	400.00	1285	8x8x30	20.0 Lbs.
SM-20-8	WM-20-8	196,000	131,000	545	870	398.00	1306	440.00	1440	8x12x30	23.0 Lbs.
SM-20-9	WM-20-9	222,000	149,000	620	990	430.00	1367	484.00	1540	8x12x30	26.0 Lbs.
SM-20-10	WM-20-10	248,000	167,000	695	1110	468.00	1521	520.00	1700	8x12x30	29.0 Lbs.
SM-20-11	WM-20-11	274,000	185,000	770	1230	518.00	1617	572.00	1805	8x12x30	32.0 Lbs.

**Oil Ratings Based on Using Conservoil Flue Inserts which are Included in Prices as Shown Above.

NOTES:

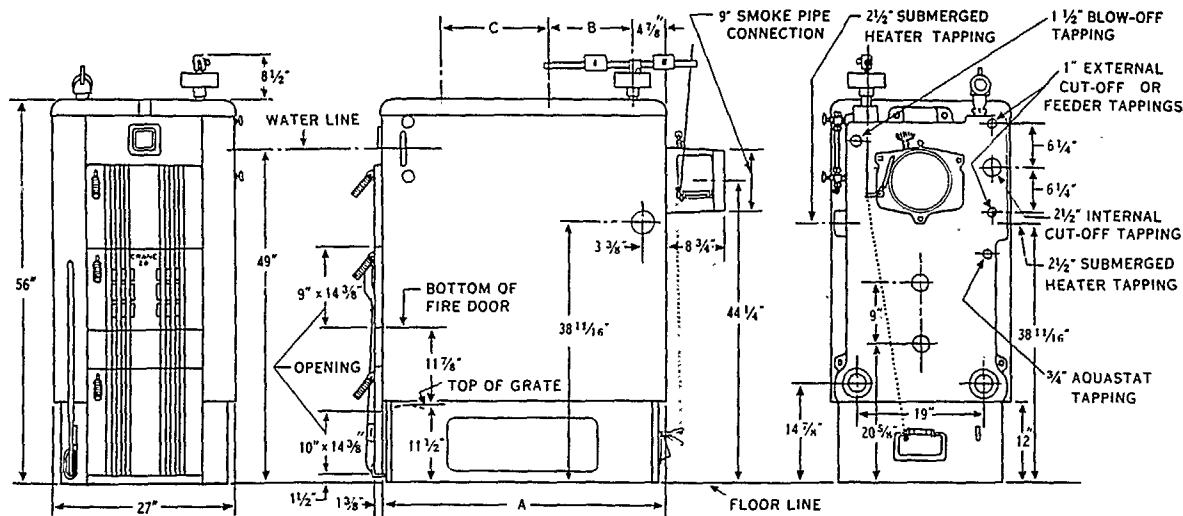
When Indirect Water Heater is Installed ADD 1.6 Sq. Ft. (Water) 1 Sq. Ft. (Steam) per Gal. of Tank Capacity to Installed Radiation. Back Section has Openings for connecting Fire Box Heater.

FOR ADDITIONAL EQUIPMENT

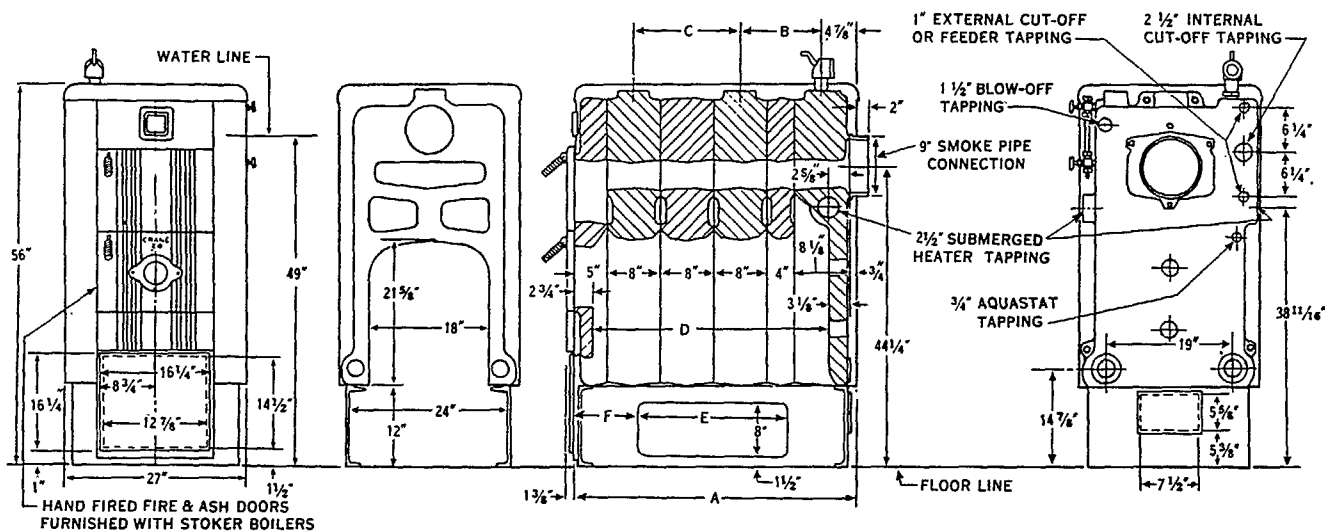
	ADD	ADD
Low Water Cut Off	\$26.10	8 Lbs.
Internal Water Heater for 66 Gal. Tank	19.10	9 Lbs.
for 82 Gal. Tank	20.00	10 Lbs.

*Prices Are F.O.B. Chattanooga, Tenn. For Freight Terms see page 66.

DIMENSIONS AND SECTIONAL ASSEMBLIES FOR CRANE TWENTY BOILERS



HAND FIRED BOILERS

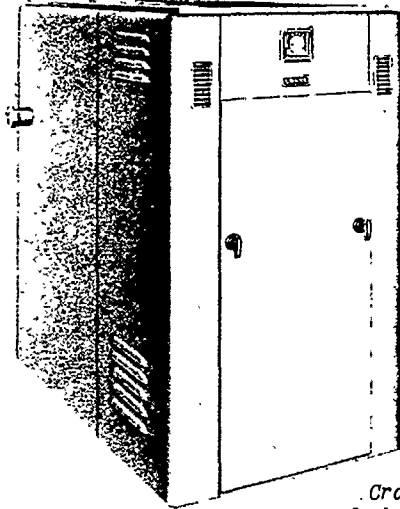


AUTOMATICALLY FIRED BOILERS

HAND FIRED		DATA FOR BOTH HAND AND AUTOMATIC FIRED							OIL OR GAS FIRED			STOKER FIRED			
NO. OF BOILER	STEAM	WATER	NUMBER & SIZE			DIM. INS.			NO. OF BOILER		DIM.	NO. OF BOILER		DIM. INCHES	
			OUT-LETS	IN-LETS	POP VALVE	A	B	C	STEAM	WATER		STEAM	WATER	E	F
S-20-5	W-20-5		1-3	2-3	2	21 1/8			F-M-RT	SO-20-5	WO-20-5	15 1/4			
S-20-6	W-20-6		2-3	2-3	2	25 1/8	12		F-MT-SM-RT	SO-20-6	WO-20-6	19 1/4	SM-20-6	WM-20-6	15 1/4 5 1/8"
S-20-7	W-20-7		2-3	2-3	2	29 1/8	16		F-MT-M-RT	SO-20-7	WO-20-7	23 1/4	SM-20-7	WM-20-7	15 1/4 7 1/8"
S-20-8	W-20-8		2-3	2-3	1	33 1/8	12		F-M-MT-SM-RT	SO-20-8	WO-20-8	27 1/4	SM-20-8	WM-20-8	22 1/4 5 3/8"
S-20-9	W-20-9		2-3	2-3	1	37 1/8	16		F-M-MT-M-RT	SO-20-9	WO-20-9	31 1/4	SM-20-9	WM-20-9	22 1/4 7 3/8"
S-20-10	W-20-10		3-3	2-3	1 1/2	41 1/8	12	16	F-MT-M-MT-SM-RT	SO-20-10	WO-20-10	35 1/4	SM-20-10	WM-20-10	22 1/4 9 3/8"
S-20-11	W-20-11		3-3	2-3	1 1/2	45 1/8	16	16	F-MT-M-MT-M-RT	SO-20-11	WO-20-11	39 1/4	SM-20-11	WM-20-11	22 1/4 11 3/8"

F - 5" FRONT SECTION M - 8" INTERMEDIATE SECTION SM - 4" SINGLE INTERMEDIATE SECTION
MT - 8" INTERMEDIATE SECTION - TAPPED RT - 8 1/8" REAR SECTION - TAPPED

CRANE SIXTEEN BOILERS

Crane Sixteen
Jacketed Boiler

Designed For Burning Oil Economically

Down-Draft Flues Makes Possible
"Sustained Heat"Water-Jacketed Combustion Chamber
(Wet Base)

Conservoil Burner with "Floating Flame"

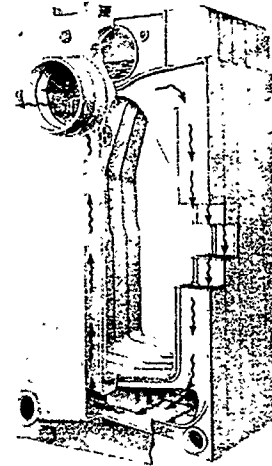
Patented Controlled Water Travel

Internal Domestic Water Heater

I.B.R. Ratings Comfortably Developed



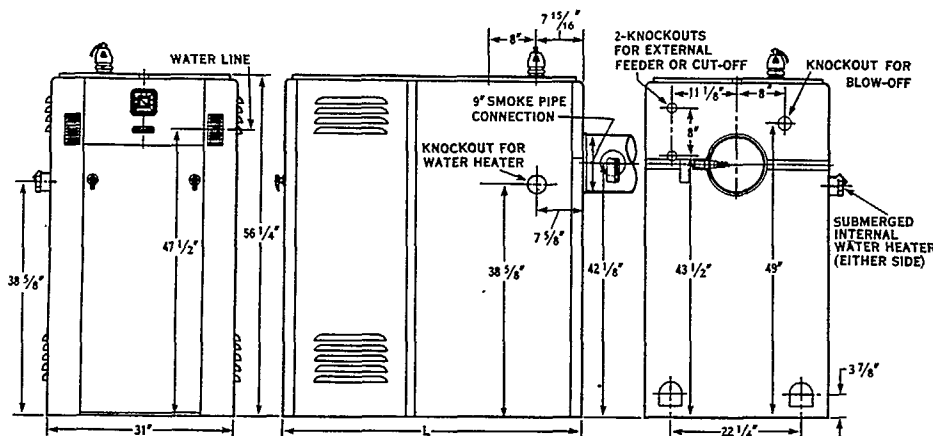
Reg. U.S. Pat. Off.

Showing Sustained
Heat Principle

STEAM						WATER					
STEAM BOILER NUMBER	*NET I-B-R RATING Sq. Ft.	**PRICE		GROSS I-B-R OUTPUT B.T.U.	NET B.T.U.	I-B-R FIRING RATE PER HR.	WATER BOILER NUMBER	*NET I-B-R RATING Sq. Ft.	**PRICE		APPROX. SHPG. WT. STEAM OR WATER
		LESS JACKET	WITH JACKET						LESS JACKET	WITH JACKET	
S-16-4	460	\$854.00	\$978.00	168,000	110,000	1.60 Gals.	W-16-4	740	\$808.00	\$928.00	1787
S-16-5	570	934.00	1062.00	205,000	137,000	1.95 Gals.	W-16-5	915	884.00	1012.00	2083
S-16-6	680	1014.00	1148.00	242,000	163,000	2.30 Gals.	W-16-6	1090	978.00	1108.00	2375
S-16-7	790	1100.00	1236.00	279,000	190,000	2.65 Gals.	W-16-7	1265	1058.00	1194.00	2685
S-16-8	900	1182.00	1322.00	316,000	216,000	3.00 Gals.	W-16-8	1440	1140.00	1280.00	2978

Chimney sizes - 8x8x30" for 16-4 and 16-5; 8x12x30" for 16-6; 8x12x35" for 16-7 and 16-8.

If water heaters are not required, deduct from prices and weights above \$20.00 (10 lbs.).

THESE BOILERS WILL BE SOLD
ONLY AS A COMPLETE UNIT*Net load does not include provision for
water heater. For indirect water heater
add 1 sq. ft. per gal. of tank capacity
to installed radiation on steam jobs, 1.6
sq. ft. on water jobs.**PRICES INCLUDE: Factory molded refrac-
tory, Built-in Water Heater for 82 gallon
Storage Tank, Conservoil Burner with
Standard Controls as follows: Plain Room
Thermostat, Limit Control, and Combustion
Control. In addition - STEAM BOILER PRICES
INCLUDE: Low Water Cut-off, Pop-Safety
Valve, Water Gauge, Pressure and Vacuum
Gauge - WATER BOILER PRICES INCLUDE: Com-
bination Altitude Gauge and Thermometer.

NUMBER OF BOILER		OUTLETS No. AND SIZE	INLETS No. AND SIZE	SIZE OF POP VALVE	DIMENSION L INCHES	ASSEMBLY OF SECTIONS	Code	
STEAM	WATER						F-FRONT SECTION	
S-16-4	W-16-4	2-2½	2-3	¾	46	F-MT-M-RT	MT-INTERMEDIATE SECTION (TAPPED)	
S-16-5	W-16-5	2-2½	2-3	¾	50	F-M-MT-M-RT	M-INTERMEDIATE SECTION	
S-16-6	W-16-6	3-2½	2-3	1	54	F-MT-M-MT-M-RT	RT-REAR SECTION (TAPPED)	
S-16-7	W-16-7	3-2½	2-3	1	58	F-M-MT-M-MT-M-RT		
S-16-8	W-16-8	4-2½	2-3	1½	62	F-MT-M-MT-M-MT-M-RT		

**Prices Are F.O.B. Chattanooga, Tenn. For Freight Terms see page 66.

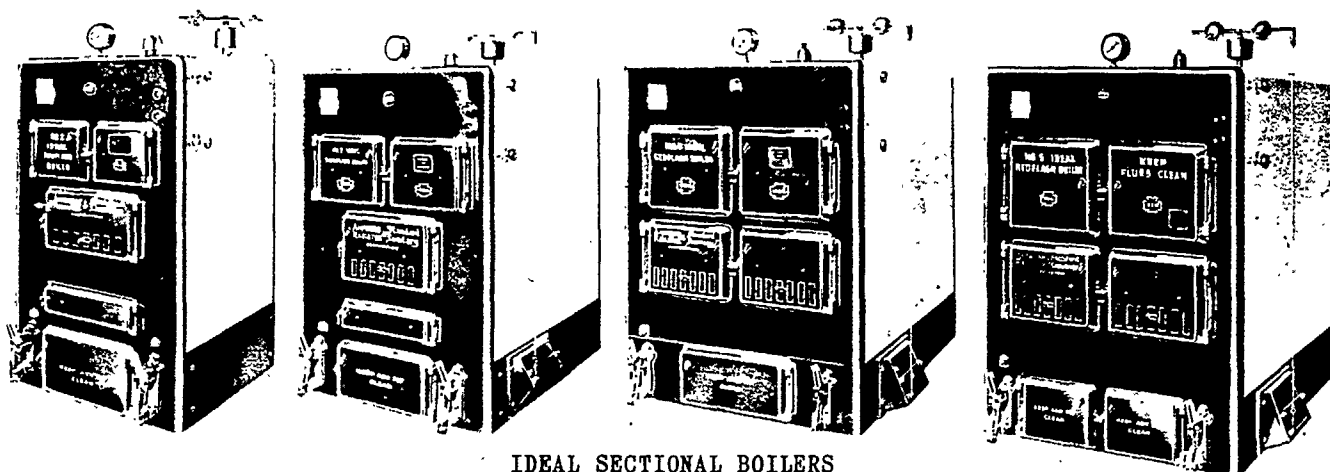
CRANE DEALER PRICE SERVICE

American Boilers

HAND FIRED

AMERICAN BOILERS

STEAM AND WATER



IDEAL SECTIONAL BOILERS
RED FLASH TYPE - HAND FIRED

STEAM				WATER				STEAM AND WATER	
Boiler Number	Installed Radiation Sq. Ft.	Prices		Boiler Number	Installed Radiation Sq. Ft.	Prices		Approx. Shpg. Wt. Pounds	
		Jacketed	Unjacketed			Jacketed	Unjacketed	Jacketed	Unjacketed
2-S-6	770	\$ 656.00	\$ 598.00	2-W-6	1230	\$ 647.00	\$ 589.00	1065	1840
2-S-7	940	726.00	661.00	2-W-7	1505	717.00	652.00	2250	2117
2-S-8	1110	800.00	728.00	2-W-8	1775	791.00	719.00	2433	2287
2-S-9	1280	880.00	801.00	2-W-9	2050	871.00	792.00	2710	2544
2-S-10	1450	964.00	878.00	2-W-10	2320	955.00	869.00	2918	2740
2-S-11	1620	1060.00	967.00	2-W-11	2590	1051.00	958.00	3196	3002
3-S-6	1500	\$ 968.00	\$ 890.00	3-W-6	2400	\$ 948.00	\$ 870.00	3376	3192
3-S-7	1800	1116.00	1032.00	3-W-7	2880	1096.00	1012.00	3831	3624
3-S-8	2100	1262.00	1172.00	3-W-8	3360	1242.00	1152.00	4240	4035
3-S-9	2400	1412.00	1316.00	3-W-9	3840	1392.00	1296.00	4673	4450
3-S-10	2700	1524.00	1422.00	3-W-10	4320	1504.00	1402.00	5113	4865
3-S-11	3000	1674.00	1566.00	3-W-11	4800	1654.00	1546.00	5589	5318
3-S-12	3300	1800.00	1686.00	3-W-12	5280	1780.00	1666.00	6044	5749
3-S-13	3600	1940.00	1820.00	3-W-13	5760	1920.00	1800.00	6477	6168
4-S-7	3000	\$1674.00	\$1560.00	4-W-7	4800	\$1644.00	\$1530.00	5226	4988
4-S-8	3500	1940.00	1812.00	4-W-8	5600	1910.00	1782.00	5841	5584
4-S-9	4000	2172.00	2030.00	4-W-9	6400	2142.00	2000.00	6429	6150
4-S-10	4500	2390.00	2234.00	4-W-10	7200	2360.00	2204.00	7031	6727
4-S-11	5000	2608.00	2438.00	4-W-11	8000	2578.00	2408.00	7691	7366
4-S-12	5500	2818.00	2634.00	4-W-12	8800	2788.00	2604.00	8299	7954
4-S-13	6000	3006.00	2808.00	4-W-13	9600	2976.00	2778.00	8931	8552
5-S-8	5000	\$2486.00	\$2314.00	5-W-8	8000	\$2442.00	\$2270.00	8242	7915
5-S-9	5700	2742.00	2550.00	5-W-9	9120	2698.00	2506.00	9147	8731
5-S-10	6400	2998.00	2786.00	5-W-10	10240	2954.00	2742.00	10057	9665
5-S-11	7100	3254.00	3022.00	5-W-11	11360	3210.00	2978.00	10945	10547
5-S-12	7800	3510.00	3258.00	5-W-12	12480	3466.00	3214.00	11901	11473
5-S-13	8500	3766.00	3494.00	5-W-13	13600	3722.00	3450.00	12818	12360
5-S-14	9200	4022.00	3730.00	5-W-14	14720	3978.00	3686.00	13616	13124
5-S-15	9900	4278.00	3966.00	5-W-15	15840	4234.00	3922.00	14522	14002

NOTE: On special order Nos. 3, 4 and 5 Series Sectional Boilers can be supplied with special Grate Bars for burning buckwheat coal at no additional charge.

BOILER RATINGS

Boiler ratings are based on net installed radiation (240 Btu. per square foot for steam and 150 Btu. per square foot for water). Allowances have been made in the ratings for Normal piping (covered) and pickup loads. Allowances have also been provided in ratings for Normal domestic hot water supply.

FREIGHT TERMS - FACTORY SHIPMENTS

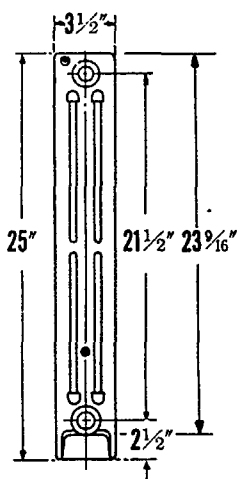
F.o.b. Factory with the Rail Carload rate of freight allowed as maximum on shipments of 200 pounds or more; this allowance not to exceed the lowest volume rate. No allowance will be made on shipments of less than 200 pounds.

In no case is this allowance to be in excess of the actual freight paid.

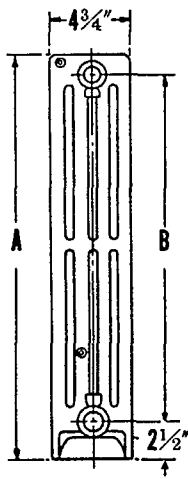
No freight allowance will be made on shipments of Repair Parts.

For dimensions - see American Radiator Co. catalog.

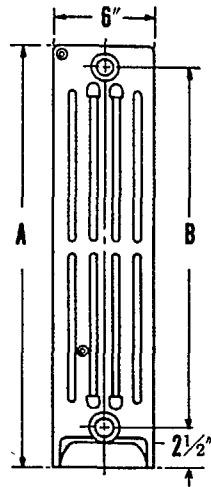
COMPAC (Slim Tube) RADIATORS



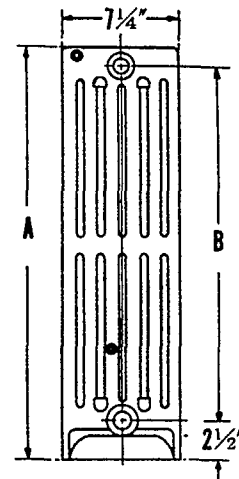
THREE TUBE



FOUR TUBE



FIVE TUBE



SIX TUBE

A	B
19	15-1/2
22	18-1/2
25	21-1/2

A	B
22	18-1/2
25	18-1/2

A	B
19	15-5/16
25	21-5/16
32	28-5/16

NUMBER OF SECTIONS	† LENGTH 1 1/2"	HEATING SURFACE - SQUARE FEET (I.B.R.)								
		3 TUBE	4 TUBE			5 TUBE		6 TUBE		
	PER SEC.	25" HT.	19" HT.	22" HT.	25" HT.	22" HT.	25" HT.	19" HT.	25" HT.	32" HT.
SQ. FT. PER SECTION		1.6	1.6	1.8	2.0	2.1	2.4	2.3	3.0	3.7
2	3 1/2	3.2	3.2	3.6	4	4.2	4.8	4.6	6	7.4
4	7	6.4	6.4	7.2	8	8.4	9.6	9.2	12	14.8
6	10 1/2	9.6	9.6	10.8	12	12.6	14.4	13.8	18	22.2
8	14	12.8	12.8	14.4	16	16.8	19.2	18.4	24	29.6
10	17 1/2	16.0	16.0	18.0	20	21.0	24.0	23.0	30	37.0
12	21	19.2	19.2	21.6	24	25.2	28.8	27.6	36	44.4
14	24 1/2	22.4	22.4	25.2	28	29.4	33.6	32.2	42	51.8
16	28	25.6	25.6	28.8	32	33.6	38.4	36.8	48	59.2
18	31 1/2	28.8	28.8	32.4	36	37.8	43.2	41.4	54	66.6
20	35	32.0	32.0	36.0	40	42.0	48.0	46.0	60	74.0
22	38 1/2	35.2	35.2	39.6	44	46.2	52.8	50.6	66	81.4
24	42	38.4	38.4	43.2	48	50.4	57.6	55.2	72	88.8
26	45 1/2	41.6	41.6	46.8	52	54.6	62.4	59.8	78	96.2
28	49	44.8	44.8	50.4	56	58.8	67.2	64.4	84	103.6
30	52 1/2	48.0	48.0	54.0	60	63.0	72.0	69.0	90	111.0

*PRICES

(Sold only in even number of sections)

Height.....Inches	32	25	22	19
Number of Tubes	6	3, 4, 5, 6	4, 5	4, 6
Price 100 Sq. Ft.	\$129.00	\$130.00	\$136.00	\$138.00

NOTES

Tappings: 3, 4, and 5 Tube, 1" Top and 1 1/2" Bottom.
6 Tube, 1 1/2" Top and 1 1/2" Bottom.

Regularly furnished with 2 1/2" legs (Floor to center line of Bottom Tapping)

†Add 1/2" to length of Radiator for each Bushing.

*FREIGHT TERMS

All prices are F.O.B. Chattanooga, Tenn. subject to the following allowances:

On shipments of 200 pounds or over we will allow all actual transportation charges from Chattanooga, Tenn. to the delivery point up to but not exceeding sixty cents (60¢) cwt., computing to the nearest point from which a carload freight rate is published.

Shipments weighing less than 200 pounds and repair parts are F.O.B. Chattanooga, Tenn., no freight allowed.

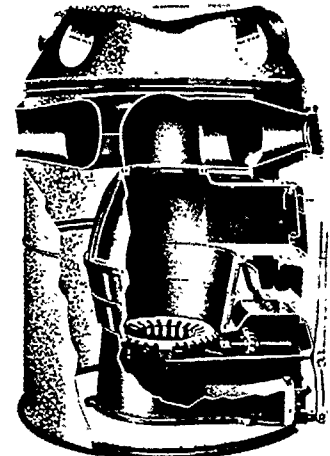
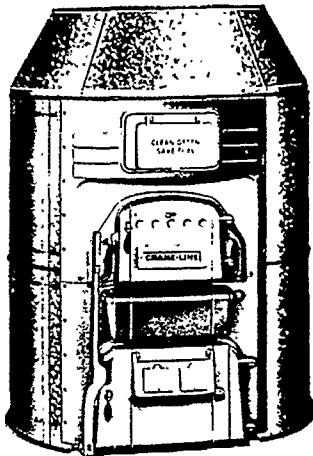
**CRANE-LINE CAST IRON AND STEEL
WARM AIR GRAVITY FURNACES**

MODEL "A" CAST IRON

CRANE-LINE Model "A" Gravity Furnaces are equally suited to coal or coke hand-firing, stoker firing, and oil or gas burning by means of conversion burners. For burning solid hand-fired fuels, the grates and heating surfaces, free area of grates and drafts are designed to burn any type of solid fuel. When oil, gas or stoker is installed, the properly arched combustion dome, enhanced by the extended flue travel of the scientifically designed radiator, provides the maximum space for efficient combustion and flue gas travel.

Standard Equipment

Check Draft, friction type, hand regulator (with chains, pulleys and staples), Poker, Complete Bolt Assortment and Operating Instructions.



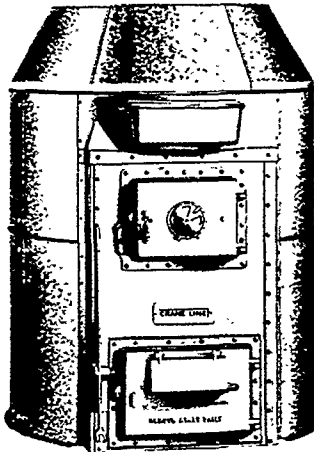
MODEL "A" CAST IRON

MODEL "A" CAST IRON FURNACES

MODEL "A" SECTION

Number with Duplex Grate	Number with Triangular Bar Grate	Fire-pot Size Inches	*Rating Sq. In. of Piping	*Rating in B.T.U. Per Hour	Dia. Smoke Pipe Inches	Casing Dia. Inches	Height Cased Furnace Inches	Height Furnace Castings Only	Shpg. Wt. Less Casing and Cap	Approx. Shipping Weight COMPLETE
#041-18-G	041-19-G	18	340	47260	8	36	59½	45½	755	800
041-20-G	041-21-G	20	420	58380	8	40	62½	49½	855	950
041-22-G	041-23-G	22	500	69500	8	44	65	52½	1040	1115
041-24-G	041-25-G	24	600	83400	9	48	66½	54½	1215	1300
041-26-G	041-27-G	26	696	96744	9	52	69½	56½	1435	1530
041-28-G	041-27-G	28	840	116760	10	56	71	58½	1630	1750

#No. 041-18-G is supplied only with old style Model "A" Front.

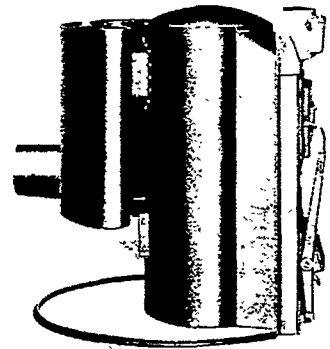


"A" SERIES STEEL

CRANE-LINE "A" Series Steel Gravity Furnaces combine advanced design with heating efficiency. They are built of boiler plate steel, especially selected for heat resisting qualities. Every steel seam of the shell and radiator is welded for ever-lasting strength. Economy and even heat are provided with hand or stoker-fired coal, coke, gas or oil burners.

Standard Equipment

Standard equipment for "A" Series Steel Gravity Furnaces: Check Draft, Water Pan with Automatic Float Valve, Friction-type Hand Regulator (with chain, pulleys and staples), Poker, Complete Bolt Assortment, Furnace Cement and Operating Instructions.



"A" SERIES STEEL

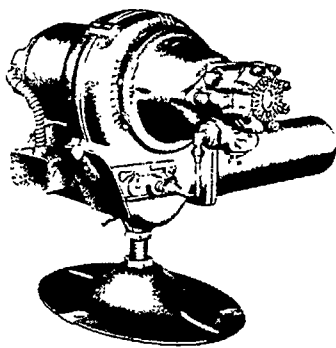
"A" SERIES STEEL FURNACES

"A" SERIES SECTION

Number with Duplex Grate	Inside Diameter of Drum Inches	Height of Drum Inches	*Rating Sq. In. of Piping	*Rating in B.T.U. Per Hour	Dia. Smoke Pipe Inches	Height Cased Furnace Inches	Dia. of Casing Inches	Style of Radiator	Shpg. Wt. Less Casing and Cap	Approx. Shpg. Wt. Complete Pounds
037-20-D	20	52½	470	65330	9	66½	44	Small	850	930
037-22-D	22	53	540	75060	9	66½	48	Small	895	980
037-24-D	24	55½	615	85485	9	66½	50	Standard	945	1035
037-27-D	27	57½	745	103555	9	66½	52	Standard	1000	1090
037-30-E	30	60	950	132050	10	70½	56	Large	1145	1325
037-34-E	34	62½	1175	163375	10	70½	59	Large	1200	1450

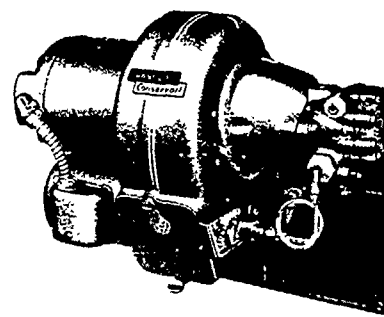
*Ratings are for gravity warm air at register, with hand-fired coal. Increase rating 10% when Stoker, Gas or Oil Burner is used.

For Prices, refer to your local Crane Branch or Crane Wholesaler.



CONVERSION TYPE

CRANE-LINE CONSERVOIL BURNERS
 Engineered to meet high Crane standards
 Can be installed in present heating systems
 Completely automatic heat at low cost
 Motor is special oil burner type with over-
 load protection and manual reset
 Constant electric ignition
 Fuel pump is highly efficient and quiet
 More efficient firing with new blast tube
 Burns grades 1, 2, or 3 domestic fuel oil
 Three standard electric controls:
 Stackswitch, thermostat, limit control



FLANGE TYPE

CONVERSION TYPE BURNERS

Model Number	CR1CA	CR1CB	CR2CA	CR2CB	CR1CC	CR1CD	CR2CC	CR2CD	CR3C	CR4C
Manifold Length, In.	12	12	12	12	18	18	18	18	14	14
Nozzle Capacity Gals. Per Hour	1 to 1½	1½ to 2	1½ to 3	2½ to 4	1 to 1½	1½ to 2	1½ to 3	2½ to 4	4 to 8	8 to 16
*Price, Complete	\$221.10	\$221.10	\$260.60	\$260.60	\$221.10	\$221.10	\$260.60	\$260.60	\$490.00	\$612.50
Shpg. Wgt. Pounds	128	128	135	135	128	128	135	135	195	295

FLANGED TYPE BURNERS

For use with Crane Boilers, including mounting plate and insulation pad.

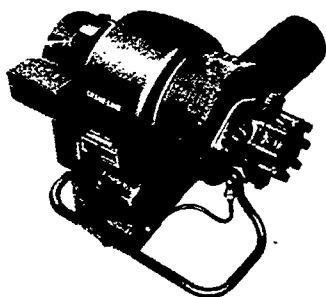
Model No.	Crane Boiler	Nozzle Capacity Gals. per Hour	Mounting Plate Assembly No.	*Price Complete	Shpg. Wt. Pounds
CR1FG	#14 - All Sizes	1 to 2	K-144A	\$224.90	128
CR1FG	#20 - 5, 6, 7, and 8 Section	1 to 2	H-173C	\$224.90	128
CR2FG	#20 - 9, 10, and 11 Section	1½ to 3	H-173D	\$264.40	135
CR2FG	#16 - All Sizes	1½ to 3	L-210	\$264.40	135

*Prices are F.O.B. Cedar Rapids, Iowa, and include nozzle, 3 standard controls (thermostat, stack switch and limit control) for Conversion and Flanged type burners. Mounting plate assemblies K-144A and L-210 include insulation pad. No insulation pad is furnished with mounting plate assemblies H-173C and H-173D. Mounting plate assembly is also included in the price of flanged type burners.

IMPORTANT—When ordering specify model number, nozzle capacity and Type of Controls desired—for Flanged Type Burners also specify figure number of mounting plate assembly.

CRANE-LINE OIL BURNERS

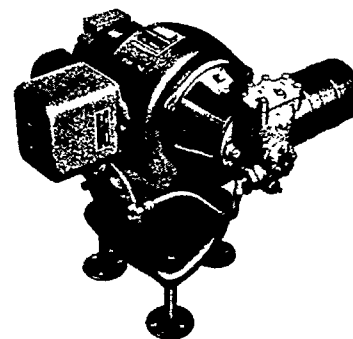
Engineered and precision built for Crane
 Easily installed in any type heating plant
 Fully automatic - low operating cost
 Motor especially adapted to oil burner use
 Continuous ignition system is used
 Simplified fuel pump for steady flow of oil
 Special air cylinder for complete atomization
 Burns all grades of domestic fuel oil
 Three standard electric controls:
 Stackswitch, thermostat, limit control



CL-1 & CL-3

DIMENSIONS

Model	CL-1	CL-3
Length	20½"	22¾"
Width	14½"	16½"
Height	14¾" Min.	14¾" Min.
	18½" Max.	19" Max.



CL-7

DIMENSIONS

Model	CL-7
Length	26½"
Width	20"
Height	21½"

BURNER	CONVERSION TYPE		
Model Number	CL-1	CL-3	CL-7
Nozzle Capacity Gals. Per Hour	1 to 1.35	1.35 to 3	3½ to 7
*Price	\$253.30	\$260.50	\$323.00
Motor H.P.	1/16 S.P.	1/12 S.P.	1/5
R.P.M.	1725	1725	1725
Shpg. Wt. Lbs.	82	90	165

*Prices are F.O.B. Bloomington, Ill. and include nozzle and 3 standard controls (thermostat, stack switch and limit control).

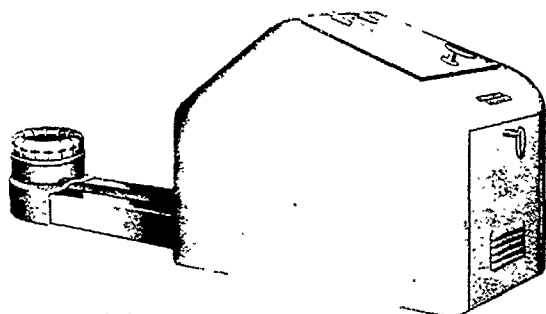
CRANE-LINE AUTOCOAL STOKERS

Automatic Coal Heating at Lowest Cost

Sectional Retort of Chromium Alloy — Multiple Vane Fan

Nickel Alloy Cast Steel Worm — Variable 5-Speed Transmission

A Dependable Automatic Self-Resetting Clutch Eliminates Shear Pin



MODEL 35C

NOTE: Models 65, 75, 100, and 150 Commercial Stokers and Models 250 and 350 Industrial Stokers are also available. For Prices and Data, see your local Crane Branch or Crane Wholesaler.

PRICES, CAPACITIES AND RATINGS

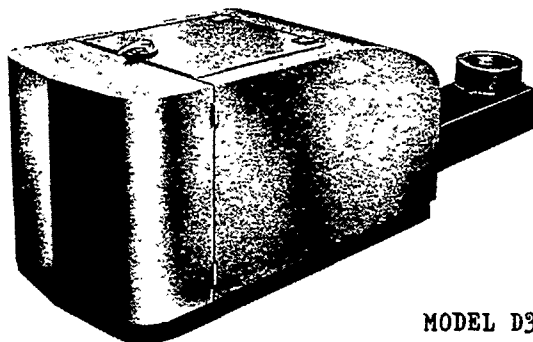
Stoker Number	20C	35C	50C
*Price	\$282.70	\$304.00	\$333.30
Max. Feed per Hr., Pounds	21	35	50
Min. Feed per Hr., Pounds	7	7	10
Hopper Capacity (Closed), Pounds	350	350	500
Cap. Steam Standing Radiation	500	800	1,200
Cap. Hot Water Standing Radiation	800	1,280	1,920
**Cap. Warm Air	900	1,440	2,160
Motor Size — H.P.	1/6	1/6	1/4
Overall Length, Inches	78	78	93½
Width of Hopper, Inches	25½	25½	29½
Height of Hopper, Inches	33½	31½	40½
Shipping Weights, Pounds	430	490	560

*Prices are F.O.B. Muncie, Ind. and are less controls.

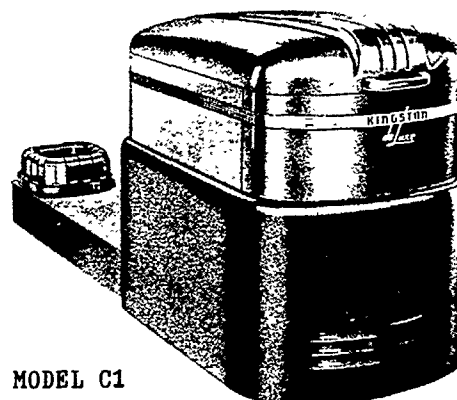
**Square inch leader pipe area — based on gravity warm air systems.

KINGSTON DELUXE STOKERS

WHITING DELUXE STOKERS



MODEL D3



MODEL C1

PRICES, CAPACITIES AND RATINGS

Stoker Number	S25	D3	D5
*Price	\$293.70	\$323.70	\$341.20
Max. Feed per Hr., Pounds	25	30	50
Min. Feed per Hr., Pounds	12½	15	25
Hopper Capacity, Pounds	350	375	375
Cap. Steam Standing Radiation	609	732	1219
Cap. Hot Water Standing Rad.	975	1170	1950
**Cap. Warm Air	1300	1820	3040
Motor Size — H.P.	1/6	1/6	1/6
Overall Length, Inches	77½	86½	86½
Width of Hopper, Inches	26	26	26
Height of Hopper, Inches	30	26½	26½
Shipping Weights, Pounds	500	520	530

*Prices are F.O.B. Superior, Wisc., and are less controls.

**Sq. in. leader pipe area — based on gravity warm air systems.

PRICES, CAPACITIES AND RATINGS

Stoker Number	C1	C2	C3
*Price	\$280.70	\$286.70	\$326.90
Stoker Number	C1L	C2L	C3L
*Price	\$308.50	\$314.70	\$355.00
Max. Feed per Hr., Pounds	20	35	50
Min. Feed Lb. per Hr., Pounds	8	15	20
Cap. of Coal, Pounds	375	375	375
Cap. Steam Standing Rad.	487	853	1219
Cap. Hot Wt. Standing Rad.	780	1365	1950
Cap. Warm Air**	780	1365	1950
Motor Size — H.P.	1/6	1/6	1/4
Overall Length	73½	76	78
Width of Hopper	26	26	26
Ht. of Hopper	34½	34½	34½
Shipping Weights	385	410	435

*Prices are F.O.B. Tipton, Ind., and are less controls.

**Sq. in. leader pipe area — Based on gravity warm air systems.

IMPORTANT: Every stoker installation should include a Draft Regulator

EVANS OIL BURNING WATER HEATER

Entirely automatic, this water heater is recommended by Crane Co. for performance, dependability and economy. Capacities range from 20 to 40 gallons. The tank is of copper bearing steel, galvanized in and out to provide for maximum wear and resistance to corrosion. The burner is easily accessible and has no moving parts, assuring quiet operation and a minimum of attention.

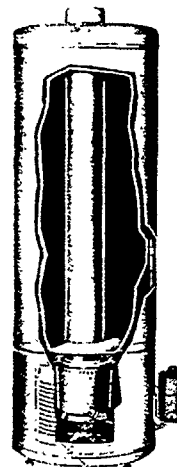
FEATURES: Simple installation, no expensive wiring, no gas bills. Fully automatic controls. Baked white enamel finish with black trim. Insulated with rockwool and dead air space. Precision built controls assure efficient, low cost, trouble-free operation.

Model No.	Cap Gals.	Recovery G.P.H. 80° Rise	Dimensions Dia. & Ht.	Burner Size	Approx. Shp.Wt.	Price
226-S	20	35	16" x 52"	8"	200Lbs.	\$145.10
236-S	30	35	18" x 55½"	8"	220Lbs.	158.30
246-S	40	38	18" x 68½"	8"	249Lbs.	171.50

Fittings: oil - 1/4"; cold water - 3/4"; hot water - 3/4".



MODEL 226-S

MODEL 226-S
Sectional View

WATTS TEMPERATURE AND PRESSURE RELIEF VALVES

For Domestic Hot Water Supply Tanks

No. 40-XL	Autotherm bronze pressure and temperature relief valve with 6" long thermostatic bulb for extending into tank, 3/4" I.P.S. male inlet and 1/2" I.P.S. female drain.	Each	\$13.80
No. 40-L	same except with standard length thermostatic bulb	Each	12.00
No. 31-SL	Diaphragm type bronze pressure and temperature relief valve with standard length fusible element.		
	1/2" I.P.S. male inlet and female drain.	Each	\$6.60
	3/4" I.P.S. male inlet and female drain.	Each	9.60
No. 31-XL	same except with 6" long fusible element.		
	1/2" I.P.S. male inlet and female drain.	Each	\$ 7.20
	3/4" I.P.S. male inlet and female drain.	Each	10.20



NO. 40-XL



No. 31-SL

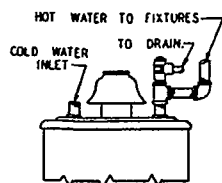
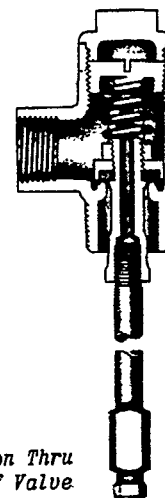
"BASMOR" COMBINATION TEMPERATURE AND PRESSURE RELIEF VALVE

Every Water Heater Should Have This Protection

In a "closed" system an enormous pressure is built up by expansion when water is heated. Property damage and bodily harm may result from rupture of a water storage tank connected in a "closed" system. A "Basmor" Relief Valve will prevent such an occurrence for a fusible plug melts at 210° allowing hot water to escape, thus relieving pressure in the tank.

Pressure relief setting is standard at 125 lbs. but settings from 50 to 175 lbs. are available if specified. Valve is made of corrosion-resisting materials and has 3/4" I.P. Connection.

For prices, see your local Crane Branch or Crane wholesaler.

Typical
InstallationSection Thru
Relief Valve

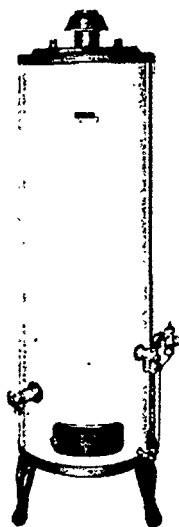
THE SUPERIOR

Automatic Gas Water Heater

Only the SUPERIOR has MINI-MISER

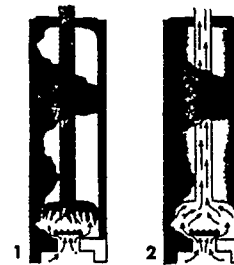
Mini-Miser (patented). Air intake at top of heater. Minimizes heat loss...a miser on fuel cost. Super Heat Conductor...Located in flue way. Fiberglas Insulation, over 2 inches thick. Tank - double extra heavy galvanized steel. Drop tube removable for L. or R. inlet. Baked white enamel steel casing with black trim. Instant Action Thermostat (patented). Electro Magnetic Safety Gas Control. Shuts off pilot and burner if pilot flame is extinguished. Control Dial - to set temperature desired, 60° to 180°. Blue Flame Butterfly Burner (patented).

*Model No.	Cap. Gals.	B.T.U. Rating	Recovery G.P.H. 60° Rise	Appr. Shp. Wt. Lbs.
R20	20	21,000	29.4	220
R30	30	27,000	37.8	270
R45	45	35,000	49.0	405



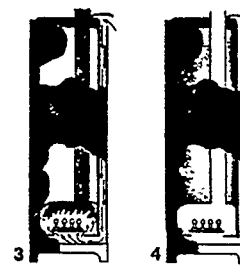
SUPERIOR

Conventional Heater



- 1 ON. Air, necessary for combustion, flows through bottom of conventional heaters.
2 OFF. On "stand by" the burner is off, but air-flow continues. This cools heater.

Superior Heater



- 3 ON. Bottom is sealed. Intake at top feeds burner just enough air.
4 OFF. Draw of air is checked. Air is balanced, heat loss minimized.

THE CHAMPION

Automatic Gas Water Heater

Extra heavy galvanized steel tank. Working pressure, 127.5 lbs. Snap Action Thermostat - Bi-metal Safety Gas Control. Drilled Port, Bunsen Type Burner - Temperature Control Dial. Multiple Heat Deflector in flueway. Approximately 1 inch of Fiberglas Insulation. Baked white enamel steel casing with black trim. Drop Tube removable for Right or Left inlet.

THE KEYSTONE

Same as the *Champion* except with heavier gauge tank and with 1 1/2 inch Fiberglas Insulation.

*Model No.	Cap. Gals.	B.T.U. Rating	Recovery G.P.H. 60° Rise	Appr. Shp. Wt. Lbs.	
				Keystone	Champion
R20	20	21,000	29.4	185	1500
R30	30	28,500	39.8	230	200
R40	40	30,000	42.0	265	220

*Also made in models especially constructed for use with Liquefied Petroleum gas.



CHAMPION

THE SELECTRIC

Automatic Electric Water Heater

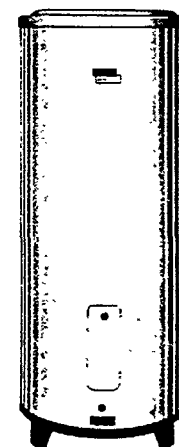
Double Extra Heavy Galvanized Steel Tank, 127.5 lbs. Working pressure. Hot Water Heat Trap prevents internal circulation. Fiberglas Heatseal insulation keeps heat in. Baked white enamel steel casing with black trim.

Selectric Heating Element operates completely immersed in water for maximum efficiency and economy. Selectric Thermostat automatically holds temperature desired, 100° to 190°.

Inlet Baffle prevents excessive mixing of cold water with hot.

Single Element Heaters				Double Element Heaters			
Model No.	Wattage	Shp. Wt.	Cap. Gals.	Model No.	Wattage		Shp. Wt.
					Upper	Lower	
R-30S	1500	220	30	R-30D	1000	600	225
R-40S	2000	260	40	R-40D	1250	750	265
R-52S	2500	305	52	R-52D	1500	1000	310
R-66S	3000	450	66	R-66D	2000	1250	460
R-80S	3000	525	80	R-80D	2500	1500	535
R-100S	3000	575	100	R-100D	3000	2000	585

For prices see your local Crane Branch or Crane Wholesaler.



SELECTRIC

ROYAL HEAVY DUTY GAS WATER HEATERS

ROYAL
55-70

Galvanized Steel Tank.
Instant Action Thermostat. All metal
Base 100% electro-magnetic safety gas
control - shuts off pilot and main burner.
Gas pressure regulator.
Large cleanout.

ROYAL
75-140
85-210
Booster
and
Storage
Model

Model	Cap. Gals.	BTU Rating	Recovery G.P.H.			Approx. Shpg.Wt. Pounds
			60° Rise	80° Rise	100° Rise	
55-70	55	50,000	70.0	52.5	42.0	415
75-140	75	100,000	140.0	105.0	84.0	610
85-210	85	150,000	210.0	157.5	126.0	710

Also made in models especially constructed
for use with Liquefied Petroleum Gas.

For Prices and other data, see your local Crane
Branch or Crane wholesaler.

Range Boilers and Stands

RING STAND

Boiler Dia.	Height Inches	Price	
		Plain	Galv.
12"	13 1/2 to	\$ 5.18	\$12.42
14"	16 1/2	5.68	13.60
18"	19 1/2	10.84	26.02
20"	19 1/2	12.06	28.98
24"	22 1/2	16.50	39.62

REVERSIBLE STAND

No.	Boiler Dia.	Height	Plain	Galv.
7	12 & 14"	8"	\$1.62	\$3.86
8	12 & 14"	12"	2.04	4.88
SANDERS (not shown)				
0	12 & 14"	12"	2.04	4.88
1	12 & 14"	15"	2.32	5.60
2	18"	18 1/2"	10.20	24.46
3	20 & 24"	18 1/2"	17.48	41.94

GALVANIZED WELDED STEEL RANGE BOILERS

Universal Tapping — 6 Openings

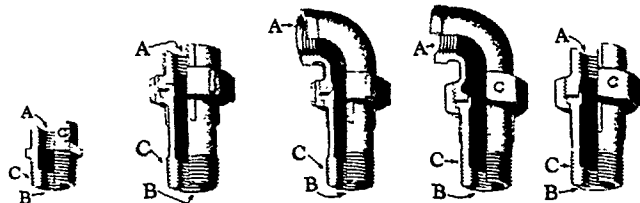
Standard, 85# W.P. or Extra Heavy, 150# W.P. All tap-
pings 1" I.P.S. on Tanks 82 gallon and smaller. 1 1/2"
I.P.S. on 120 gallon.

Cap. Gals.	Size Inches	Price Std.	Each Ex.Hy.	Cap. Gals.	Size Inches	Price Std.	Each Ex.Hy.
15	12 x 30	\$20.40	\$24.70	66	18 x 60	\$57.36	\$65.30
30	12 x 60	23.94	26.54	82	20 x 60	63.44	73.78
40	14 x 60	29.34	34.10	120	24 x 60	79.86	93.14

CIRCULATING BOILER FITTINGS

Galvanized Malleable Iron

Working Pressure, 150 pounds water, 200°F.



No. 588
Coupling

No. 589 1/2
Coupling

No. 586 1/2
Elbow

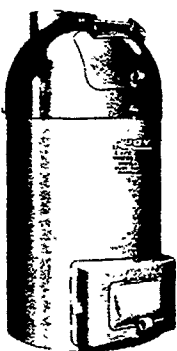
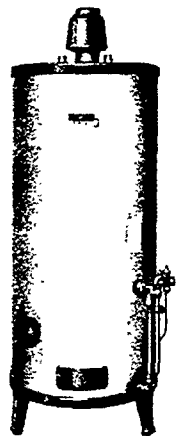
No. 586
Elbow

No. 589
Coupling

With Ground Joint Union With Gasket Union

PRICES

Number	A B C 1/2 x 1/2 x 1"	A B C 3/4 x 1/2 x 1"	A B C 1 x 1/2 x 1"
586	\$1.82	\$2.00	\$2.00
586 1/2	1.82	2.00	2.00
587	1.00	1.00	1.00
588	.88	.88	.88
589	1.60	1.78	1.78
589 1/2	1.60	1.78	1.78



RUDY ALL STEEL WATER HEATER

Built entirely of steel—except grates.

Deep fire pot insures minimum
fire tending.

Sloping fire door makes firing easy.

Waterway completely surrounds fire.

Heavy cast iron grates.

Heater Number	Cap. G.P.H.	Shpg.Wt. Pounds	Grate Height	Pipe Dia.	Flue Size	Flue Dia.	*Price Each
RH-1A	100	60	26 1/4	10"	1"	5"	\$28.00

*F.O.B. Dowagiac, Michigan



No. 587
Elbow

BRASS VALVES, STOPS, AND FAUCETS

GATE VALVES

Low Pressure



No. 449 1/2
Wedge Disc
NRS

Standard



No. 438
Wedge Disc
NRS



No. 440
Double Disc
Rising Stem

**ROUGH STOPS
Flat-Way**



W/o Check & Drain
No. 804, Tee Head
No. 804 1/2, Lever



With Check & Drain
No. 806, Tee Head
No. 806 1/2, Lever

GLOBE AND ANGLE VALVES

Low Pressure



*Composition Disc
No. 1204, Globe
No. 1205, Angle



Brass Disc
No. 18, Globe
No. 28, Angle



Brass Disc
No. 1, Globe
No. 2, Angle



*Composition Disc
No. 7
Globe or Angle

Standard Valves (except Swing Check and Foot) are suitable for 125 pounds steam and 200 pounds cold water, oil, or gas, non-shock. Swing Check and Foot Valves are recommended for 200 pounds cold water, non-shock; in addition, No. 34 Valves with brass disc are suitable for 125 pounds steam.

Low Pressure Valves are suitable for 100 pounds steam and 125 pounds water at 200°F. Globe, Angle, and Check Valves with brass disc can also be used on cold oil or gas lines up to 125 pounds.

150-Pound Valves (No. 7) are recom-

mended for 150 pounds steam and 300 pounds cold water, oil, or gas non-shock.

*Composition Disc No. 1204 Globe, No. 1205 Angle, and No. 1212 Check Valves are regularly furnished with a No. 9 Disc for cold water or domestic gas service. A No. 7 Disc for steam or hot water will be furnished when orders specify.

The No. 7 Valves are regularly furnished with a No. 1 Disc for steam or hot water — A No. 3 Disc for cold water, air, or gas or a No. 6 Disc for oil or gasoline will be furnished when orders so specify.

HORIZONTAL CHECK VALVES

Low Pressure



*Composition Disc
No. 1212



Brass Disc
No. 208

SWING CHECK VALVES

Standard

No. 34
Brass Disc
No. 34 1/2
Leather Disc



FOOT VALVES

Standard

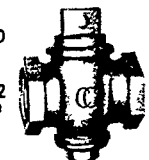
Made with perforated sheet brass strainer.

No. 33 1/2

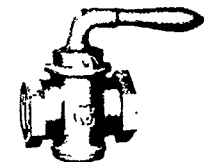


GAS SERVICE STOPS

No. 270
Flat Head
No. 272
Square Head



GAS STOVE STOPS



No. 298
Lever Handle w/ Check

GROUND KEY FAUCETS



No. 800, Plain
No. 801, For Hose
(Chicago Hose Thread
on outlet)

PRICES, EACH

Size	Inches	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Gate	No. 449 1/2		3.88	3.88	4.52	5.30	6.32	8.52	10.84	15.48		
	No. 438		5.54	5.54	6.46	7.62	9.04	12.12	15.48	21.94	35.60	52.90
	No. 440		5.04	5.04	5.80	6.84	8.12	10.96	13.94	19.74	32.00	47.74
Globe and Angle	No. 1204 or 1205	2.70	2.70	2.84	3.74	5.04	7.10	9.04	12.38	19.36		
	No. 18 or 28			2.64	3.36	4.38	6.06	7.86	11.10	16.38		
	No. 1 or 2	2.70	2.70	3.10	4.38	5.80	8.00	10.32	14.58	22.58	32.90	49.02
Check	No. 1212	2.70	2.70	2.84	3.60	4.78	6.32	7.88	10.84	16.12		
	No. 208			2.64	3.36	4.38	5.80	7.36	9.68	14.20		
	No. 34			4.90	5.54	6.32	8.38	10.32	12.52	18.96	30.96	46.44
Foot	No. 34 1/2			6.46	7.22	8.38	10.96	13.42	16.26	23.22		
	No. 33 1/2				4.26	5.04	6.06	7.48	9.94	13.68	30.44	38.70
Stops	No. 270		2.20	2.46	2.84	3.62	4.64	6.46	8.64	14.20		
	No. 272		2.20	2.46	2.84	3.62	4.64	6.46	8.64	14.20		
	No. 298		2.70	3.10	3.48	4.26	5.54					
	No. 804				3.36	4.38	6.32	8.78	12.00	19.86		
	No. 804 1/2			2.70	3.36	4.38	6.32	8.78	12.00	19.86		
	No. 806*				3.62	4.64	6.70	9.16	13.54	23.48		
Faucets	No. 806 1/2			3.22	3.62	4.64	6.70					
	No. 800 (Rough)			3.10	3.62	4.64	6.96					
	No. 801 (Rough)				4.12	5.42	8.12					

*No. 806 Rough Stop available in 5/8-inch size also; price, each....\$4.12.

NOTE: Where two catalog numbers are shown for an illustration, the first indicates the product illustrated.

Valves and Fittings

BRASS SOLDER-JOINT VALVES



No. 1300, Globe



No. 1301, Globe
With Drain

*COMPOSITION DISC



No. 1302, Angle

*COMPOSITION DISC

100 POUNDS STEAM
125 POUNDS WATER, 200°F.

Strong, sturdy valves particularly suited for plumbing and heating systems.

*Composition Disc Globe and Angle Valves are regularly furnished with a No. 9 Disc for cold water — a No. 7 Disc for steam or hot water will be furnished when orders so specify.

PRICES, EACH

Size	Ins.	3/8	1/2	3/4	1	1 1/4	1 1/2	2
No. 1300	4.16	4.74	5.92	7.70	10.08	13.04	18.96	
No. 1301		4.98	6.16					
No. 1302	4.16	4.74	5.92	7.70	10.08	13.04	18.96	
No. 1303		4.74	5.92	7.70	9.48	12.44	17.78	
No. 1319	5.34	5.34	6.52	8.30	10.66	13.64	18.96	

Solder used to make joints on steam lines must be able to withstand the temperature of the steam in the line.



No. 1303
Swing Check

BRASS DISC



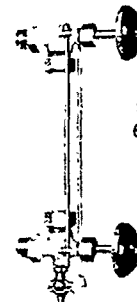
No. 1319, Gate

WEDGE DISC
NON-RISING STEM

CRANE DEALER PRICE SERVICE

BRASS WATER GAUGE

LOW PRESSURE



No.
625

5/8-INCH 1/2-INCH
GLASS CONNECTIONS

8 INCHES FROM CENTER TO
CENTER OF VALVES

PRICES

8-INCH OR SHORTER CENTER
No. 625, EACH.....\$9.12

OVER 8-INCH (UP TO 36")
EXTRA PER INCH.....\$0.09

STANDARD WROUGHT STEEL NIPPLES

RIGHT HAND — BLACK OR GALVANIZED



Close Nipple



Short Nipple



Long Nipple



Tank Nipple

PRICES, BLACK, R.H.

Pipe Size	Length Inches	Prices, Per 100 Pieces											
		Length, in inches											Tank
		Close	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	
1/8	3/4	9.88	9.88	10.40	10.92	11.44	11.96	13.00	14.04	15.08	16.12	17.16	
1/4	7/8	9.36	9.88	10.40	10.92	11.44	11.96	13.00	14.04	15.08	16.12	17.16	43.16
3/8	1	9.36	9.88	10.40	10.92	11.44	11.96	13.00	14.04	15.08	16.12	17.16	43.16
1/2	1 1/8	9.88	10.40	11.44	11.96	13.00	14.04	15.08	16.12	17.16	18.20	19.24	46.28
3/4	1 3/8	12.48	13.52	14.04	15.08	16.12	17.16	18.20	19.24	20.28	21.84	23.40	57.20
1	1 1/2	18.20	19.76	21.32	22.36	23.92	25.48	27.04	29.12	30.68	32.24	34.80	70.20
1 1/4	1 5/8	22.88	24.96	26.00	27.56	29.64	31.72	33.80	36.40	38.48	40.56	43.12	91.00
1 1/2	1 3/4	27.56	29.12	31.72	33.80	36.40	39.00	41.60	44.20	46.80	49.40	52.00	106.60
2	2	35.36	39.00	42.64	45.76	49.40	53.04	56.68	60.32	63.96	67.60	71.24	136.76

PRICES, GALVANIZED, R.H.

Pipe Size	Length Inches	Prices, Per 100 Pieces											
		Length, in inches											Tank
		Close	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	
1/8	3/4	11.96	11.96	13.00	14.04	15.08	16.12	17.16	18.20	19.24	20.28	21.32	
1/4	7/8	11.44	11.44	12.48	13.52	14.56	15.60	16.64	17.68	18.72	19.76	20.80	49.92
3/8	1	11.44	11.44	12.48	13.52	14.56	15.60	16.64	17.68	18.72	19.76	20.80	49.92
1/2	1 1/8	11.44	12.48	13.52	14.56	15.60	16.64	17.68	18.72	19.76	20.80	21.84	53.04
3/4	1 3/8	14.56	16.12	17.16	18.20	19.24	20.28	21.32	22.36	23.40	24.44	25.48	66.04
1	1 1/2	21.84	23.40	25.48	27.04	29.12	31.20	33.28	35.36	37.44	39.52	41.60	80.60
1 1/4	1 5/8	27.56	29.64	31.72	33.80	35.88	37.96	39.00	41.60	44.20	46.80	49.40	104.52
1 1/2	1 3/4	32.76	35.36	38.48	41.08	44.20	47.32	50.44	53.56	56.68	59.80	62.92	122.20
2	2	42.64	47.32	51.48	55.64	59.80	63.96	68.12	72.28	76.44	80.60	84.76	157.56

Extra Strong Right Hand Nipples, Black, can be furnished also. Prices on application.

CRANE THREAD LUBRICANT

Never separates...
...Never dries out



An all-purpose thread lubricant. Assures tight, permanent joints with easy disassembly of parts. Ideal for threaded or flanged joints—for oil, gas, water, and steam piping systems. Non-poisonous. Harmless to polished finishes. For temperatures up to 500°F.

PRICES, EACH

4 OZ. TUBE.....\$0.68
1/2 PT. CAN..... 1.18
1 PT. CAN..... 2.14
1 QT. CAN..... 3.52
1/2 GAL. CAN..... 5.62

STANDARD CAST IRON FITTINGS

125 pounds steam
175 pounds cold water, oil, or gas, non-shock

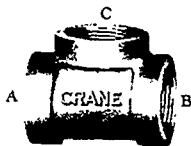
APPROVED FOR SPRINKLER SERVICE



*90° Elbows



45° Elbows



*Tees



Concentric Reducers



Eccentric Reducers

PRICES, EACH - BLACK

Size		Inches	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
90° Elbows	R.H.		.25	.25	.28	.36	.44	.57	.77	1.16	1.88	2.84
Straight	R. & L.					.40	.49	.62	.86	1.26		
	Pitched				.30	.40	.46	.62	.88	1.30		
90° Elbows	R.H.			.31	.40	.49	.62	.89	1.26			
Reducing	Pitched				.45	.56	.68	.98	1.42			
45° Elbows			.27	.27	.31	.40	.49	.62	.88	1.24	2.00	3.10
Tees	Straight		.31	.31	.40	.50	.57	.85	1.06	1.55	2.38	3.60
	Reducing				.44	.55	.66	.93	1.21	1.68	2.64	4.00
Reducers	Concentric				.40	.48	.80	1.12	1.55	2.06	2.58	
	Concentric						1.55	1.94	2.84	3.62	4.46	

Reducing Fittings Carried in Stock

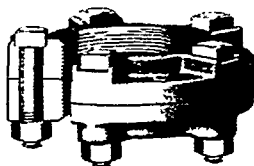
90° Elbows		Concentric Reducers	Tees											
			A	B	C	A	B	C	A	B	C	A	B	C
1/2 x 3/4	3/4 x 1/2	3/4 x 1/2	1/2 x 1/2	x 3/4	x 1/4	1 1/2 x 1 1/4	x 1 1/2	x 1 1/4	1 1/4 x 1 1/4	x 2	x 1	3 x 3	x 2 1/2	x 2
3/4 x 1/2	1 x 3/4	1 x 3/4	3/4 x 3/4	x 1/2	x 1/4		x 1	x 3/4		x 1	x 2		x 1 1/2	x 1 1/4
1 x 1/2	1 1/4 x 1	1 1/4 x 1	1 1/2 x 1/2	x 3/4	x 1/4		x 1	x 1 1/2	2 1/2 x 2 1/2	x 2	x 1 1/2		x 1 1/2	x 1 1/4
1 1/4 x 1/2	1 1/2 x 1 1/4	2 x 1 1/2	1 1/2 x 1/2	x 3/4	x 1/4	1 1/2 x 1	x 1 1/2	x 1 1/4		x 3/4	x 1 1/2	3 x 2 1/2	x 3	x 2 1/2
1 1/2 x 1/4	1 1/2 x 1 1/4	2 1/2 x 2	1 1/2 x 1/2	x 3/4	x 1/4		x 1	x 1 1/2		x 1 1/2	x 1 1/4		x 1 1/2	x 1 1/4
1 3/4 x 1/2	2 x 1 1/2	3 x 2 1/2	1 1/2 x 1/2	x 3/4	x 1/4		x 1 1/2	x 1 1/4	2 1/2 x 2	x 2 1/2	x 1 1/2		x 2	x 1 1/4
2 x 1/2	2 x 1 1/4		1 x 1	x 3/4	x 1 1/2		1 1/2 x 3/4	x 1 1/2		x 1 1/2	x 1 1/4		x 1 1/2	x 1 1/4
2 x 1/4	2 x 3/4			x 1	x 1 1/2		1 1/4 x 1 1/4	x 1 1/2		x 3/4	x 1 1/4		x 1 1/2	x 1 1/4
2 1/2 x 2	2 1/2 x 1 1/2		1 x 3/4	x 1 1/2	x 3/4		x 1	x 1 1/2	2 x 2	x 1 1/2	x 1 1/4	3 x 2	x 3	x 2 1/2
3 x 1 1/4	3 x 3/4		1 x 1/2	x 3/4	x 1 1/2			x 1 1/4		x 1 1/2	x 1 1/4		x 2	x 1 1/2
			1 x 1/4	x 3/4	x 1 1/2		2 x 1 1/2	x 2		x 1 1/2	x 1 1/4		x 2 1/2	x 1 1/2
			1 1/4 x 1	x 3/4	x 1 1/2			x 3/4		x 1 1/2	x 1 1/4	3 x 1 1/2	x 3	x 2 1/2
			1 1/2 x 1 1/4	x 1	x 3/4		2 x 1 1/2	x 1 1/2		x 1 1/2	x 1 1/4	3 x 1 1/4	x 3	x 2 1/2
			1 1/2 x 3/4	x 1	x 3/4			x 1		x 1 1/2	x 1 1/4	3 x 1	x 3	x 2 1/2
			2 x 1 1/2	x 1 1/4	x 3/4		2 x 1 1/4	x 1 1/2		x 1 1/2	x 1 1/4	3 x 3/4	x 3	x 2 1/2
			2 x 1 1/4	x 1	x 3/4			x 1 1/2		x 1 1/2	x 1 1/4	2 1/2 x 2 1/2	x 3	x 2 1/2
			2 x 3/4	x 1 1/2	x 3/4		2 x 1	x 2		x 1	x 2 1/2		x 1 1/2	x 3
			2 1/2 x 2	x 1 1/4	x 3/4			x 1 1/2		x 1 1/2	x 1 1/4	2 x 2	x 3	x 2 1/2
			2 1/2 x 1 1/4	x 1	x 3/4			x 1 1/2		x 1 1/2	x 1 1/4		x 1 1/2	x 3
			2 1/2 x 3/4	x 1	x 3/4			x 1 1/2		x 1 1/2	x 1 1/4		x 1 1/2	x 3
			2 1/2 x 1 1/2	x 1 1/2	x 3/4			x 1 1/2		x 1 1/2	x 1 1/4		x 1 1/2	x 3
			2 1/2 x 1	x 1 1/2	x									

*Indicates reducing sizes made also. Prices, based on largest opening, apply only to stock sizes.

STANDARD CAST IRON FLANGE UNIONS

125 pounds steam
175 pounds cold water, oil, or gas, non-shock

EQUIPPED WITH A RUBBER GASKET.



**Standard - Gasket Type
Faced, Plain Face**

PRICES, EACH

Size	Inches	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Black		1.42	1.68	1.94	2.26	2.70	3.48	4.38	5.28

IRON BUSHINGS

PRICES, EACH

Size Inches	Hexagon		Face	
	Black	Galv.	Black	Galv.
1/4	.15	.23	.23	.35
3/8	.15	.23	.23	.35
1/2	.17	.26	.26	.39
3/4	.19	.28	.31	.46
1	.22	.34	.36	.54
1 1/4	.27	.41	.46	.70
1 1/2	.32	.49	.58	.89
2	.39	.58	.79	1.19
2 1/2	.54	.81	1.03	1.55
3	.74	1.10	1.36	2.06

Hexagon
OutsideHexagon
Inside

Face

Face Bushings in sizes 3/4-inch and smaller do not have lugs (not illustrated).

Bushings Carried in Stock

Drainage Pipes and Fittings

Hexagon			Face		
b $\frac{1}{4}$	x $\frac{1}{4}$	a $1\frac{1}{2}$	c $\frac{1}{4}$	x $\frac{1}{2}$	b $1\frac{1}{2}$
b $\frac{3}{8}$	x $\frac{1}{4}$	a	c $\frac{3}{8}$	x $\frac{1}{4}$	b
b	x $\frac{1}{8}$	a	c	x $\frac{1}{8}$	b
b $\frac{1}{2}$	x $\frac{3}{8}$	b 2	c $\frac{1}{2}$	x $\frac{3}{4}$	b 2
b	x $\frac{1}{4}$	a	c	x $\frac{1}{4}$	b
b	x $\frac{1}{8}$	a	c	x $\frac{1}{8}$	b
b $\frac{3}{4}$	x $\frac{1}{2}$	a	c $\frac{3}{4}$	x $\frac{1}{2}$	b
b	x $\frac{1}{4}$	a	c	x $\frac{3}{4}$	b
b	x $\frac{1}{8}$	a	c	x $\frac{1}{4}$	b
b 1	x $\frac{3}{4}$	b $2\frac{1}{2}$	b 1	x $\frac{3}{4}$	b $2\frac{1}{2}$
a	x $\frac{1}{2}$	a	b	x $\frac{1}{2}$	b
a	x $\frac{3}{8}$	a	b	x $\frac{3}{8}$	b
a	x $\frac{1}{4}$	a	b	x $\frac{1}{4}$	b 3
a	x $\frac{1}{8}$	a	b $1\frac{1}{4}$	x 1	b
b $1\frac{1}{4}$	x $1\frac{1}{4}$	a 3	b	x $\frac{1}{2}$	b
a	x $\frac{3}{4}$	a	b	x $\frac{3}{4}$	b
a	x $\frac{1}{2}$	a			
a	x $\frac{3}{8}$	a			
a	x $\frac{1}{4}$	a			
b $1\frac{1}{2}$	x $1\frac{1}{4}$	a			
	x 1	a			
a	x $\frac{3}{4}$	a			

Prices are based on largest opening and apply only to these stock sizes.

a - Indicates sizes with inside hexagon; other sizes have outside hexagon.

b - Indicates sizes made of malleable iron.

c - Indicates sizes made of steel (no lugs).

Sizes not indicated by b or c are cast iron.

IRON PLUGS

PRICES, EACH

Size Inches	Cored		Solid	
	Black	Galv.	Black	Galv.
1/8			.09	.16
1/4			.09	.16
3/8			.09	.16
1/2	.09	.16	.17	.28
3/4	.12	.20	.23	.39
1	.13	.22	.26	.44
1 1/4	.18	.31	.28	.48
1 1/2	.25	.42	.38	.63
2	.35	.60	.52	.88
2 1/2	.59	1.00	.75	1.26
3	.84	1.42	1.22	2.06



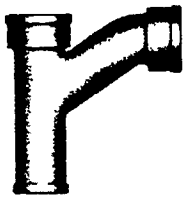
**Square Head
Cored**



Square Head
Solid

Sizes 3/8-inch and smaller are steel; larger sizes are cast iron.

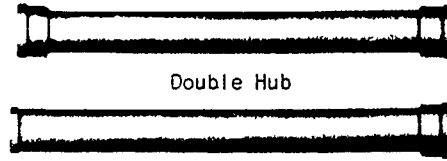
Cored plugs are generally used with Standard Cast or Malleable Iron Fittings ——— Solid plugs with 250-Pound Cast Iron or 300-Pound or heavier Malleable Iron Fittings.



Comb. "Y"
& 1/8 Bend



Tapped Cross

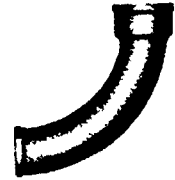


Double Hub

Single Hub



Tapped "T"



Long Sweep 1/4 Bend

***MFG'R'S. LIST PRICES PER FOOT.**

VICTORY PIPE

Size, Inches	2	3	4	5	6
Single Hub	\$0.33	\$0.44	\$0.53	\$0.84	\$0.96
Double Hub	.35	.48	.58	.89	1.04

EXTRA HEAVY

Size, Inches	2	3	4	5	6
Single Hub	\$0.42	\$0.66	\$0.80	\$1.10	\$1.36
Double Hub	.45	.70	.86	1.16	1.46



Double Hub



Plug



Reducer



Increaser



1/4 Bend



1/8 Bend

***MANUFACTURER'S LIST PRICES--STANDARD FITTINGS**

Size, Inches	2	3	4	5	6	3 x 2	4 x 2	4 x 3	5 x 4	6 x 4
1/4 Bends	\$0.40	\$0.55	\$0.80	\$1.05	\$1.45	\$0.90	\$1.25	\$1.30	\$1.90	\$2.40
1/6 Bends	.40	.60	.75	1.05	1.30	-	-	-	-	-
1/8 Bends	.35	.45	.65	.80	1.05	.90	1.25	1.30	1.90	2.40
1/16 Bends	.35	.50	.60	.80	1.00	-	-	-	-	-
Double Hubs	.40	.50	.60	1.00	1.25	-	-	-	-	-
Lg. Swp. 1/4 Bends	.75	.95	1.25	1.70	2.75	-	-	1.40	-	-
12" Lg. 1/4 Bends	.90	1.50	1.25	3.70	4.30	-	-	-	-	-
18" Lg. 1/4 Bends	1.05	1.85	1.50	4.30	5.00	-	-	-	-	-
24" Lg. 1/4 Bends	1.50	2.25	2.75	4.90	5.50	-	-	-	-	-
Double 1/4 Bends	1.50	2.55	2.80	4.90	5.60	2.45	2.80	2.80	-	-
Heel Inlet 1/4 Bends	1.25	1.25	3.10	-	-	1.25	1.25	3.10	3.70	4.30
Tees and Y's	.55	.85	1.20	2.00	2.40	.85	.85	1.15	1.60	1.80
Crosses and Double Y's	1.25	1.65	1.80	4.95	6.15	1.65	1.80	1.80	4.95	6.15
Comb. Y and 1/8 Bends	1.05	1.70	1.70	3.70	5.55	1.70	1.70	1.70	3.70	5.55
T's Tpd. 1 1/2, 1 1/2 or 2"	.70	.85	1.00	1.60	2.50	-	-	-	-	-
Cross Tpd. 1 1/2, 1 1/2 or 2"	1.15	1.25	1.40	2.25	3.45	-	-	-	-	-
Short Increasers	-	-	-	-	-	.90	1.25	1.25	1.60	1.85
Reducers	-	-	-	-	-	.40	.40	.50	.60	.80
P, S and Running Traps	.90	1.15	1.50	4.30	4.95	-	-	-	-	-
Plugs	.25	.40	.45	.60	.75	-	-	-	-	-
T cleanout w/ trap screw	1.50	1.70	1.70	3.25	3.70	-	-	-	-	-



1/4 Bend with
Low Heel Inlet



"Y" Branch



Double
1/4 Bend



Long 1/4 Bend

***MANUFACTURER'S LIST PRICES--EXTRA HEAVY FITTINGS**

Size, Inches	2	3	4	5	6	3 x 2	4 x 2	4 x 3	5 x 4	6 x 4
1/4 Bends	\$0.55	\$0.70	\$1.00	\$1.25	\$1.85	\$1.10	\$1.50	\$1.60	\$2.20	\$3.00
1/6 Bends	.45	.75	.90	1.25	1.55	-	-	-	-	-
1/8 Bends	.40	.55	.80	1.00	1.25	1.10	1.50	1.60	2.20	3.00
1/16 Bends	.40	.70	.75	1.00	1.25	-	-	-	-	-
Double Hubs	.45	.75	.75	1.25	1.55	-	-	-	-	-
Lg. Swp. 1/4 Bends	.90	1.15	1.55	2.00	3.40	-	-	1.75	-	-
12" Lg. 1/4 Bends	1.10	1.85	1.55	4.60	5.40	-	-	-	-	-
18" Lg. 1/4 Bends	1.30	2.30	1.85	5.40	6.15	-	-	-	-	-
24" Lg. 1/4 Bends	1.85	2.75	3.40	6.15	6.90	-	-	-	-	-
Double 1/4 Bends	1.85	3.20	3.45	6.15	6.90	3.05	3.45	3.45	-	-
Heel Inlet 1/4 Bends	1.55	1.55	3.85	-	-	1.55	1.55	1.85	4.60	5.40
Tees and Y's	.75	1.10	1.50	2.50	3.00	1.05	1.10	1.45	2.00	2.15
Crosses and Double Y's	1.55	2.00	2.15	6.15	7.70	2.00	2.15	2.15	6.15	7.70
Comb. Y and 1/8 Bends	1.30	2.15	2.15	4.60	6.90	2.15	2.15	2.15	4.60	6.90
T's Tpd. 1 1/2, 1 1/2 or 2"	.85	1.10	1.25	2.00	3.10	-	-	-	-	-
Cross Tpd. 1 1/2, 1 1/2 or 2"	1.40	1.55	1.70	2.80	4.30	-	-	-	-	-
Short Increasers	-	-	-	-	-	1.10	1.55	1.55	2.00	2.30
Reducers	-	-	-	-	-	.50	.50	.65	.75	1.00
P, S and Running Traps	1.10	1.40	1.85	5.40	6.15	-	-	-	-	-
Plugs	.30	.45	.60	.75	.90	-	-	-	-	-
T cleanout w/ trap screw	1.85	2.15	2.15	4.00	4.60	-	-	-	-	-



Double "Y"



Sanitary "T"



Sanitary Cross



Plain "S" Trap



Plain "P" trap.



Running Trap

**For Prices, see your local Crane Branch or Crane Wholesaler.*

*MANUFACTURER'S LIST PRICES

	Increases		Long Plain		Long Tapped	
	Size		Std.	Ex. Hvy.	Std.	Ex. Hvy.
	2 x 3 x 24		\$1.25	\$1.55	\$2.25	\$2.55
	2 x 3 x 30		1.65	2.00	2.65	3.00
	2 x 4 x 24		1.25	1.55	2.25	2.55
	2 x 4 x 30		1.65	2.00	2.65	3.00
	2 x 4 x 36		2.00	2.45	3.00	3.45
	2 x 4 x 48		2.50	3.10	3.50	4.10
	3 x 4 x 24		2.00	2.45	3.00	3.30
	3 x 4 x 30		2.00	2.45	3.40	3.75
	3 x 4 x 36		2.35	2.90	3.75	4.20
	3 x 4 x 48		-	-	4.50	5.10
	3 x 5 x 24		2.00	2.45	-	-
	3 x 5 x 30		2.00	2.45	-	-
	3 x 5 x 36		3.70	4.60	-	-
	4 x 5 x 24		2.00	2.45	-	-
	4 x 5 x 30		2.00	2.45	4.50	4.95
	4 x 5 x 36		3.70	4.60	-	-
	4 x 6 x 24		3.70	4.60	-	-
	4 x 6 x 30		3.70	4.60	6.20	7.10
	4 x 6 x 36		4.30	5.40	-	-
	4 x 6 x 48		4.95	6.15	-	-

Long Increaser
(Plain)

Long Increaser
(Tapped)



Pipe Rest

Size	Std.	Ex. Hvy.
2	\$0.30	\$0.40
3	.40	.45
4	.40	.45
5	.75	.90
6	.95	1.15
8	1.75	2.25
10	2.15	3.25
12	3.45	4.30
15	5.60	7.00



Bar Grate

Size	Each
2	\$0.10
3	.15
4	.20
5	.25
6	.30
8	.45
10	.90

*For Local prices consult your nearest
Crane Branch or Crane Wholesaler.

Orangeburg Fibre Pipe

Investigate economy in the use of this pipe
for

Drainage where tight joints are
necessary.

Wastes that are corrosive to metallic
or concrete pipes.

House connections to sewers and
septic tanks.

Drain pipe for septic disposal systems.

Irrigation and subsoil drainage.

Downspouts and leaders.

You will find these advantages

Light weight — easy to carry.

Easy to cut, connect, and install.

Tight joints easily and quickly made.

Remains tight under deflection by
soil settlement.

Can be connected to cast iron or tile.

Tight joints prevent entry of
root growths.

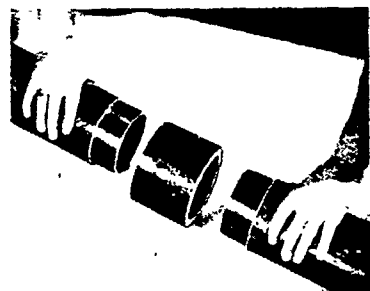
Will not crack on alternate
freezing and thawing.

Will not tuberculate, corrode, or
disintegrate under action of most
acids, alkalies, and salts.

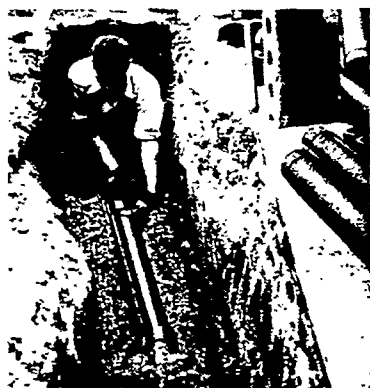
RANGE OF SIZES

Pipe	Inside Diameter	Laying Length	Weight per Foot
Orangeburg (Type III)	3 inches	8 feet	1.7 Lbs.
	4 inches	8 feet	2.7 Lbs.
	5 inches	5 feet	4.5 Lbs.
	6 inches	5 feet	5.8 Lbs.
	8 inches	5 feet	10.0 Lbs.
Perforated	4 inches	4 feet	2.0 Lbs.

For Prices on ORANGEBURG pipe, see your
local Crane Branch or Crane Wholesaler.



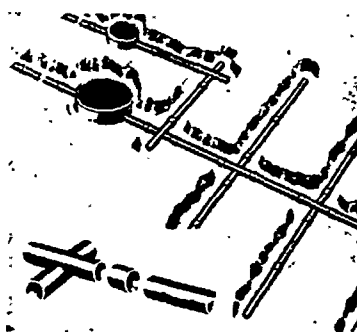
Joints are easy to make with this
sleeve and tapered pipe ends.



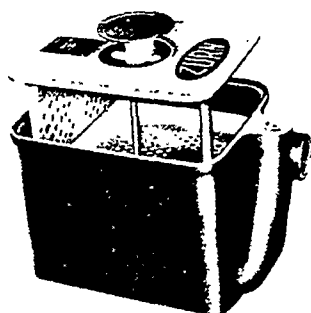
Long lengths of pipe
speed installation
and cut labor costs.



Pipe can be easily cut on loc-
ation with ordinary hand saw.



Perforated Orangeburg
fibre pipe is ideal for
septic tank filter beds.



Z-1171 CAST IRON
Deluxe Model

Z-1170 (Not shown)
Regular model same
as Deluxe except
baffle assembly not
attached to cover.

With "FLO-TROL" The Automatic Overload Protection.

All Zurn Greaseceptors are now regularly furnished with the new "Flo-Trol", the automatic safeguard that prevents excessive flow rates above the rated capacity through the interceptor

CAST IRON

Std. Model Z-1170 has horizontal basket & vertical baffles forming integral unit, readily removed for cleaning.

Deluxe Model Z-1171 has baffle assembly attached to cover to prevent replacing without having interceptor in proper operating condition, also to permit cleaning without touching grease

DURACLAY (vitreous glazed)

A newly developed product which has set new and higher grease intercepting standards. Similar in design to cast iron product but lighter, easier to install, and far more sanitary, offering complete resistance to thermal shock and corrosion. Easy, quick cleaning-rapid grease recovery. It is as durable as cast iron under all normal conditions.

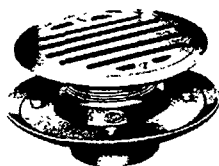


Z-1170 DURACLAY

Sizes 350-VGE, 450-VGE & 550-VGE in table below.

GREASECEPTOR DIMENSIONS, CAPACITIES and PRICES

Order Size	Rated Capacity	Lbs. Fat Capacity	Price Z-1170	Price Z-1171	Overall Dimensions			Base to Center of	
					Length	Height	Width	Inlet	Outlet
100	5 G.P.M.	10-15	\$ 60.00	\$ 96.00	17 3/8"	10 1/8"	9 7/8"	3 7/8"	7 3/8"
200	6 G.P.M.	20-25	84.00	120.00	18 3/4"	11 1/4"	12 1/8"	3 3/4"	8 1/4"
300	9 G.P.M.	35-40	144.00	192.00	21 1/2"	11 3/4"	14 1/2"	3 3/4"	8 1/2"
350-VGE	12 G.P.M.	20-25	140.00	199.20	25 3/4"	12 1/4"	16 1/4"	4 1/4"	9"
400	14 G.P.M.	40-50	199.20	252.00	23 1/2"	13 1/2"	17 1/8"	4"	9"
450-VGE	18 G.P.M.	50-60	216.00	295.20	29 1/16"	15 9/16"	19 1/4"	4 11/16"	9 7/8"
500	18 G.P.M.	50-60	295.20	360.00	27 5/8"	14 3/4"	17 3/4"	4 1/2"	10 1/4"
550-VGE	25 G.P.M.	55-65	360.00	465.60	32 5/8"	18 7/8"	22 1/8"	4 15/16"	12 7/8"
600	25 G.P.M.	55-65	465.60	—	31"	16 3/4"	20 1/4"	4 3/8"	14 1/8"

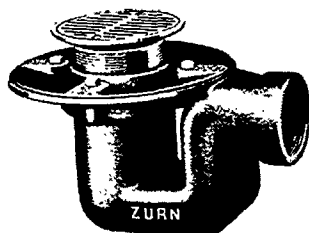


Z-405

Dura-coated cast iron adjustable floor or shower drain with clamping ring, bronze strainer, and 1 1/2"-2" I.P. outlet.

Pipe Size	Str. Dia.	Price w/ N.P.	Price w/ C.P.	Strainer Wt. Lbs.
1 1/2"-2"	4"	\$18.10	\$20.70	13
	5"	20.50	23.90	13 1/2

Deduct for clamping ring \$2.40
Specify Z-415 for inside caulk outlet.



Z-450

Dura-coated cast iron adjustable floor or shower drain with integral trap, clamping ring, bronze strainer, and I.P. outlet.

Pipe Size	Str. Dia.	Price w/ N.P.	Price w/ C.P.	Strainer Wt. Lbs.
1 1/2"-2"	4"	\$31.20	\$33.80	30
	5"	33.60	37.00	30
3"	5"	43.20	46.60	34
	6"	46.90	51.00	34
4"	5"	54.10	57.40	36
	6"	57.60	61.80	36

Deduct for clamping ring \$2.40
Outlet hub or spigot when specified.

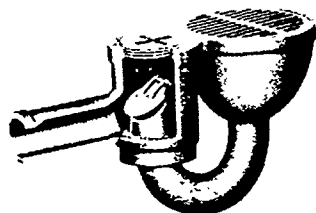


Z-500 & Z-505

Dura-coated cast iron area floor drain w/ round top, safety pan, anti-tilting grate and I.P. outlet.

	Z-500	Z-505
Outlet size	2, 3 or 4"	4, 5 or 6"
Grate size	8"	11"
Plain iron	\$16.80	\$31.20
Add for sq. top	8.80	12.30

For hub outlets specify Z-510 (small sizes) and Z-515 (large sizes)



Z-730

Dura-coated cast iron combination floor drain and trap w/ bronze swing gate back water valve, bronze cleanout plug, anti-tilt grate, & spigot outlet for soil pipe.

Outlet size	2"	3"	4"
Price	\$51.70	\$70.90	\$90.20

I.P. outlets when specified.



Z-1100

Dura-coated cast iron bath trap w/ nickel plated cleanout cover and 1 1/2 or 1 1/4" I.P. connections.

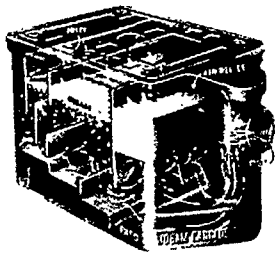
ADD for C.P. cover 0.80



Z-1090

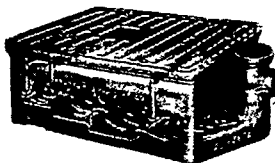
Dura-coated cast iron back water valve w/ bronze valve parts, and hub & spigot ends for soil pipe connections.

Pipe Size	Price	Shp. Wt.	Pipe Size	Price	Shp. Wt.
2"	\$28.80	20Lbs.	5"	\$74.40	45Lbs.
3"	36.00	25Lbs.	6"	86.40	60Lbs.
4"	50.40	30Lbs.	8"	144.00	90Lbs.



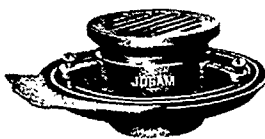
SERIES "J" STANDARD TYPE

For installations on floor or recessed in floor, with shallow roughing.



SERIES "JL" LOW-BOY TYPE

For dishwashers or fixtures with low outlets. Can be installed on floor next to dishwasher without trapping inlet.

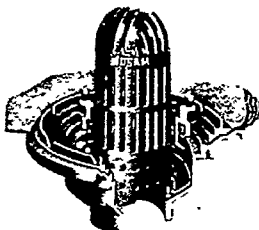


SERIES 300-C

Cast iron lacquered floor or shower drain with double drainage flange, threaded (or inside caulk) outlet, adjustable brass strainer, and clamp device.

Outlet Size	Str. Dia.	Wgt. Lbs.	C.I. Body with P.B.Str.	C.P.Str.
1½"	4"	5	\$18.10	\$20.60
2"	5"	10	20.50	23.80
3"	6"	10	33.60	39.50
4"	7"	12	38.40	46.10

If less Clamp Device - Deduct \$2.40



SERIES 410

CASCADE GREASE INTERCEPTORS WITH "FLOW CONTROL"

CASCADE DESIGN

An exclusive feature of these Grease interceptors. Grease is separated from waste water regardless of water temperature. Solids and sediment are evacuated, reducing the possibility of decomposition of solids which cause foul odors.

NO COLD WATER CONNECTIONS

Grease accumulates in grease chambers regardless of water temperature.

DESIGN AND CONSTRUCTION

Heavy cast iron, lacquered inside and outside. Porcelain enamel finish on order.

Rectangular shaped, full apron to floor, field-tight flush cover, solids evacuating channel, internal air relief, visible double wall deep seal trap.

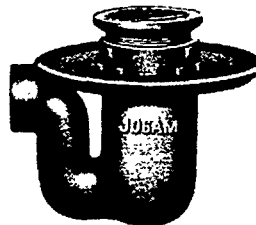
FLOW CONTROL

Every interceptor is provided with a Flow Control Fitting at no extra cost. Governs rate of flow to interceptor to assure 90% or better grease retention efficiency.

Size Interceptor	Type Flow Control See Note*	Flow Rating GPM†	Grease Capacity Lbs.	Inlet & Outlet Inches	Overall Dimensions			Ship. Weight Lbs.	Price
					Height Inches	Length Inches	Width Inches		
J-00	1041 1/2	4	8	2	10	16 1/4	9 1/2	52	\$ 60.00
J-0	1041 1/2	6	12	2	12	17 7/8	11 3/4	85	84.00
J-1	1041 1/2	9	18	2	14	20 5/8	12 3/8	115	144.00
J-2	1052	14	28	2	16 3/4	24 1/2	14 3/4	185	199.20
J-3	1053	20	40	3	17 5/8	28 1/4	17	260	295.20
J-4	1053	25	50	3	17 3/4	35 7/8	21	360	465.60
J-5	1053	40	80	3	18 3/4	39 1/2	23	465	648.80
JL-3	1052	22	44	2	12	31 7/8	21 1/8	242	319.20
JL-4	1052	30	60	2	12 3/4	41 3/4	25 1/8	416	480.00

*Flow control as listed furnished as standard equipment. Flow control must be installed as directed.

†Based on test by "IOWA" method in accord with U.S. Army Corps of Engrs. Standard.

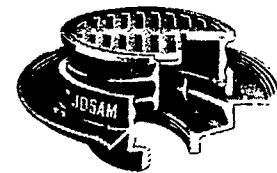


SERIES 200

Cast iron lacquered floor drain with integral trap, double drainage flange, threaded outlet, adjustable brass strainer.

Outlet Size	Str. Dia.	Wgt. Lbs.	C.I. Body with P.B.Str.	C.P.Str.
1½"	4"	20	\$28.80	\$31.40
2"	5"	22	31.20	34.60
3"	7"	25	50.40	56.32
4"	8"	41	63.70	71.40

Add for Clamp Device \$2.40



SERIES 9500

"Zeveleze" adjustable Top floor drain, cast iron lacquered, with double drainage flange, standard (or tractor) grate, adjustable top, threaded (or inside caulk) bottom outlet.

Outlet Size	Top Dia.	Wgt. Lbs.	Cast Iron
2"	8 3/4"	30"	\$20.00
3"	8 3/4"	30	20.00
4"	8 3/4"	30	20.00

Add for Clamp Device, \$3.84

SERIES 410 DIMENSIONS

Outlet Size	Flange Dia.	Wgt. Lbs.	Price
2"	16"	45	\$38.40
3"	16"	45	38.40
4"	16"	45	38.40
5"	16"	45	46.90
6"	16"	45	51.70
8"	18 1/2"	65	72.00

**CRANE DEALER
PRICE SERVICE**