

TRADE
PRICE SHEET

PLAINTIFF'S EXHIBIT

ASI-1055

SUNBEAM
AIR CONDITIONING UNITS

PRICE BOOK AC-1

February 20, 1940

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WHEN CONVENIENT TERMS ARE DESIRED IN MOD-
ERNIZING HOMES AND BUILDINGS APPLY TO OUR
NEAREST SALES OFFICE FOR THE HEATING
AND PLUMBING FINANCE CORPORATION PLAN.

AMERICAN Standard
RADIATOR & Sanitary
CORPORATION
NEW YORK, N. Y. PITTSBURGH, PA.

03637

SUNBEAM

AIR CONDITIONING UNIT

All prices herein quoted supersede all prior quotations and are subject to change without notice.

Special Stocking Terms: Invoices covering stock orders for six or more furnaces, shipped at one time on or prior to June 30th, 1940, will mature for payment June 30th, 1940, under our regular terms.

General Terms, Guarantee, etc.

Taxes: To the prices and terms quoted add any Manufacturers' or Sales Tax payable on the transaction under any effective statute.

Transportation Claims: The responsibility of this Company ceases upon delivery of goods in good order to transportation companies. As all goods are shipped at buyer's risk, they should be examined carefully before he signs delivery receipts. If carrier tenders delivery of goods in bad order, buyer should insist on carrier's agent making notation of condition on delivery receipt thus enabling buyer to secure prompt payment of transportation claims which may be filed by him for value of the damaged material.

Orders: All orders are accepted subject to labor stoppages, accidents, or other causes beyond our control.

Guarantee: Our goods are guaranteed only to the extent of furnishing by freight new parts for any found defective in manufacture. No claim for labor in replacing broken or defective parts or consequential damage will be allowed. All replacement parts for material claimed defective will be invoiced in the usual manner, such invoice being subject to adjustment after alleged defective material has been returned to the Plant for inspection. No materials are to be returned without written permission.

Claims: No claims under the above guarantee, or for variances from or shortages in orders will be allowed, unless presented within sixty (60) days after receipt of goods.

Returned Goods: Good material of standard manufacture must not be returned for credit without first securing written permission, and when so returned will be subject to a deduction of 10 percent (10%) for rehandling, and all transportation charges, including freight and cartage, will be paid by shipper.

Materials made on special order are not subject to return.

AMERICAN Standard
RADIATOR & Sanitary
CORPORATION

SUNBEAM

AIR CONDITIONING UNIT

FREIGHT TERMS

SUNBEAM AIR CONDITIONING UNITS ALL TYPES, (HUMIDIFIERS, AUXILIARY WATER HEATER COILS AND AIR CONDITIONING CONTROLS WHEN SHIPPED WITH AIR CONDITIONING UNITS), will be shipped in accordance with following terms:

CARLOAD SHIPMENTS FROM FACTORY

To Railroad Points of Destination East of the Eastern boundaries of North Dakota, South Dakota, Nebraska, and Kansas, and North of the Southern boundaries of Missouri, Kentucky and Virginia, including all towns on such boundary lines.

F.O.B. Elyria, Ohio, with full freight allowed.

To Railroad Points of Destination beyond these boundaries.

F.O.B. Elyria, Ohio, with full freight allowed to these boundaries.

LESS THAN CARLOAD SHIPMENTS FROM FACTORY

To Railroad Points of Destination in All States

F.O.B. Elyria, Ohio, with actual carload rate of freight only, not to exceed 50c per 100 lbs., allowed.

No freight allowance will be made on shipments of repair parts.

LESS THAN CARLOAD SHIPMENTS FROM WAREHOUSES

To Railroad Points of Destination in All States

F.O.B. warehouses with no freight allowed.

HUMIDIFIERS, AUXILIARY WATER HEATER COILS AND AIR CONDITIONING CONTROLS, WHEN SHIPPED SEPARATELY

F.O.B. Elyria, Ohio, or F.O.B. warehouses with no freight allowance.

CARTAGE AND TRUCK DELIVERY TERMS: At our option, truck delivery to job may be substituted in lieu of freight delivery to railroad point of destination. At customer's request, truck delivery to job will be made where service is available, and customer will be charged with the excess cartage, where truck rate exceeds rail rate.

ARCOFLAME OIL BURNERS AND BURNER CONTROLS

Arcoflame Oil Burners and Controls, when not shipped as part of Series 1100 Air Conditioning Units, will be shipped in accordance with following freight terms:

F.O.B. Plant at Buffalo, N. Y., or F.O.B. warehouses with no freight allowances.

EXCEPTIONS: An added charge for freight, as indicated, will be made on shipments from the following warehouses:

KANSAS CITY: \$1.00 per Burner, SAN FRANCISCO and SEATTLE: \$1.50 per Burner, DENVER: \$3.00 per Burner.

No freight allowance will be made on shipments of Arcoflame Oil Burner Repairs when shipped from Plants or Warehouses.

GAS WATER HEATERS

F.O.B. point of manufacture, Buffalo, N. Y., with actual freight not to exceed \$1.00 per hundred pounds, allowed; or F.O.B. Warehouses with actual freight not to exceed \$1.00 per hundred pounds, allowed, based on Buffalo, N. Y., as shipping point.

Sunbeam Air Conditioning Units

HAND FIRED

Series No. 20, Cast Iron Heating Element

Catalog Pages S38-40

Unit Number	Btu Capacity at Register Soft and Hard Coal	Net Trade Prices With Enamel Jacket	Approximate Shipping Weight
4420	95,000	\$149.50	1520
4820	111,000	161.25	1632
5220	133,000	182.75	1967

Duplex grates are standard equipment.
 Vapor Pan will be furnished when specified. If not specified, plate will be furnished to close opening.

Series No. 5500, Steel Heating Element

Catalog Pages S31-33

Unit Number	Btu Capacity at Register		Net Trade Prices With Enamel Jacket	Approximate Shipping Weight
	Soft Coal	Hard Coal and Coke		
5522-9	76,000	60,000	\$121.25	1263
5522-12	90,200	72,200	137.75	1327
5524	105,200	84,100	163.00	1415
5527	134,400	107,500	179.75	1571

Series No. 80, Steel Heating Element

Catalog Pages S34-37

Unit Number	Btu Capacity at Register		Net Trade Prices With Enamel Jacket— Including Smoke Tee	Approximate Shipping Weight
	Soft Coal	Hard Coal and Coke		
2480	117,200	93,700	\$174.25	1677
2780	147,300	117,800	231.50	2007
3080	174,100	139,300	281.25	2258
3480	223,600	178,900	325.50	2512

STANDARD EQUIPMENT, FOR SERIES NO. 20, NO. 5500 AND NO. 80, INCLUDES:

Square enamel jacket Blower cabinet Belt and pulleys
 Inner casing and rings Blower Air filters
 Rubber mounted motor, equipped with overload protection

NOTE: Blower cabinets on Series No. 5500 and 80 can be attached to either right or left side of heating jacket. Blower cabinet on Series No. 20 must be attached to rear of heating jacket.

See page 18 for Electrical Specifications; page 7 for Temperature Controls; pages 15, 16 and 17 for Zone Controls; and page 8 for Humidifying Equipment and Auxiliary Water Heater Coils.

Sunbeam Air Conditioning Units

OIL FIRED

Series No. 20, Cast Iron Heating Element

Catalog Pages S38-40

Unit Number	Btu Capacity at Register	Net Trade Prices With Enamel Jacket	Approximate Shipping Weight
4420	108,000	\$146.50	1414
4820	126,000	157.75	1515
5220	150,000	178.75	1829

Series No. 20 oil fired unit is regular hand fired model less grate assembly and ashpit door. Vapor Pan will be furnished when specified. If not specified, plate will be furnished to close opening.

Series No. 5500-G or R, Steel Heating Element

For use with Gun or Rotary Type Burners

Catalog Pages S31-33

Unit Number	Btu Capacity at Register	Net Trade Prices With Enamel Jacket	Approximate Shipping Weight
5522-9-G or R	86,000	\$121.25	1056
5522-12-G or R	102,300	137.75	1120
5524-G or R	119,300	163.00	1171
5527-G or R	152,500	179.75	1292

Series No. 80-G or R, Steel Heating Element

For use with Gun or Rotary Type Burners

Catalog Pages S34-37

Unit Number	Btu Capacity at Register	Net Trade Prices With Enamel Jacket—Including Smoke Tee	Approximate Shipping Weight
2480-G or R	132,900	\$174.25	1212
2780-G or R	167,100	231.50	1687
3080-G or R	197,500	281.25	1864
3480-G or R	253,700	325.50	2054

STANDARD EQUIPMENT, FOR SERIES NO. 20, NO. 5500 AND NO. 80, INCLUDES:

Square enamel jacket Blower cabinet Belt and pulleys
 Inner casing and rings Blower Air filters
 Rubber mounted motor, equipped with overload protection

IMPORTANT—APPLYING TO SERIES NOS. 5500 AND 80 ONLY—When ordering specify whether for use with Gun (G) or Rotary (R) Type Burner.

For Gun Type Burners: furnaces will be equipped with mineral wool insulation and supporting and retaining plates for insulation. For Rotary Type Burners furnaces will be equipped with cast iron hearth rings and brackets, hearth plate, fire box liners and mineral wool insulation. Grates, Fire Brick and Ashpit Doors are not furnished. Special Feed and Ashpit Doors are supplied with the 80 Series only.

NOTE—Blower cabinets on Series No. 5500 and 80 can be attached to either right or left side of heating jacket. Blower cabinet on Series No. 20 must be attached to rear of heating jacket.

See page 18 for Electrical Specifications; page 7 for Temperature Controls; pages 15, 16 and 17 for Zone Controls; and page 8 for Humidifying Equipment and Auxiliary Water Heater Coils.

Sunbeam Air Conditioning Units

STOKER FIRED

Series No. 20, Cast Iron Heating Element

Catalog Pages S38-40

Unit Number	Btu Capacity at Register	Net Trade Prices With Enamel Jacket	Approximate Shipping Weight
4420	104,000	\$146.50	1414
4820	121,000	157.75	1515
5220	145,000	178.75	1829

Series No. 20 stoker fired unit is regular hand fired model less grate assembly and ashpit door. Vapor Pan will be furnished when specified. If not specified, plate will be furnished to close opening.

Series No. 5500-S, Steel Heating Element

Catalog Pages S31-33

Unit Number	Btu Capacity at Register	Net Trade Prices With Enamel Jacket	Approximate Shipping Weight
5524-S	114,500	\$163.00	1353
5527-S	146,400	179.75	1506

Series No. 80-S, Steel Heating Element

Catalog Pages S34-37

Unit Number	Btu Capacity at Register	Net Trade Prices Including Smoke Tee and Enamel Jacket	Approximate Shipping Weight
2480-S	127,600	\$174.25	1536
2780-S	160,400	231.50	1880
3080-S	189,600	281.25	2064
3480-S	243,500	325.50	2291

STANDARD EQUIPMENT, FOR SERIES NO. 20, NO. 5500 AND NO. 80, INCLUDES:

Square enamel jacket.	Blower.	Rubber mounted motor,
Inner casing and rings.	Belt and pulleys.	equipped with overload
Blower cabinet.	Air filters.	protection.

IMPORTANT—APPLYING TO SERIES NOS. 5500 AND 80 ONLY—When ordering specify whether stoker is to be installed in rear, right or left hand side of unit.

When fired from rear or left or right hand side, unit is equipped with three steel chutes, fire brick lining and supports. Metal plates and gaskets are provided to seal chutes not used.

When stoker is to be installed in front or below base of unit, the above models cannot be used and hand fired models as shown on page 4 should be ordered less grate assembly and ashpit door.

NOTE—Blower cabinets on Series No. 5500 and 80 can be attached to either right or left side of heating jacket. Blower cabinet on Series No. 20 must be attached to rear of heating jacket.

See page 18 for Electrical Specifications; page 7 for Temperature Controls; pages 15, 16 and 17 for Zone Controls; and page 8 for Humidifying Equipment and Auxiliary Water Heater Coils.

Temperature Controls

For 20-5500 and 80 Series

For 1100 Series Less Burner

Catalog Pages S47-48

No. LA-412-A Blower Switch—Single Pole.....Net Price \$5.25

When temperature controls are not used, a blower switch is necessary for starting and stopping blower, when bonnet temperature rises or falls. When temperature controls as listed below and on page 15 are used, blower switch is included in temperature control equipment.

Hand-Fired—Blower Switch Control of Blower		
Combination	Description	Net Trade Prices
B-1x	No. T-45-A. Plain Thermostat. No. M-87-A. Damper Motor including transformer, chain, S hooks and pulleys. No. L-101-A. Blower and Limit Switch (Furnacestat).	\$28.50
B-3x	No. T-109-A. Da-Nite Thermostat. No. M-87-A. Damper Motor including transformer, chain, S hooks and pulleys. No. L-101-A. Blower and Limit Switch (Furnacestat). No. R-19-C. Relay.	\$40.88
Hand-Fired—Winter and Summer—Thermostat Control of Blower		
C-1x	No. T-11-A. Plain Thermostat (Acratherm). No. M-87-A. Damper Motor including transformer, chain, S hooks and pulleys. No. L-101-B. Blower, Limit and High Cut-in Switch (Furnacestat). No. R-155-A. Control Box. (See description on page 18.)	\$42.00
C-3x	No. T-109-A. Da-Nite Thermostat. No. M-87-A. Damper Motor including transformer, chain, S hooks and pulleys. No. L-101-B. Blower, Limit and High Cut-in Switch (Furnacestat). No. R-155-A. Control Box. (See description on page 18.)	\$48.75
Oil or Stoker-Fired—Winter and Summer—Thermostat Control of Blower		
D-1x	No. T-11-A. Plain Thermostat (Acratherm). No. L-401-B. Blower, Limit and High Cut-in Switch (Furnacestat). No. R-155-A. Control Box. (See description on page 18.)	\$27.75
D-2x	No. T-105-A. Night and Day Electric Clock Thermostat (Chronotherm) and Transformer. No. L-401-B. Blower, Limit and High Cut-in Switch (Furnacestat). No. R-155-A. Control Box. (See description on page 18.)	\$49.13
D-3x	No. T-109-A. Da-Nite Thermostat. No. L-401-B. Blower, Limit and High Cut-in Switch (Furnacestat). No. R-155-A. Control Box. (See description on page 18.)	\$34.50

See page 18 for Electrical Specifications and pages 15, 16, 17 for Zone Controls.

Humidifying Equipment

For 20-5500-80 and 1100 Series

Combination	DESCRIPTION	Net Trade Prices
H-4x	Automatic Spray Humidifier No. H-8. Friez Humidistat. No. V-837-A. Solenoid Water Valve including transformer. 2 No. 390. Water Strainers. No. A-320. Water Pressure Reducing Valve. No. 50. Humidifier including: Copper tubing and fittings, Shut-Off Valve, 4 Spray Nozzles with individual Shut-Off Valves. Aluminum spray pan with capacity adjusting plate, Nozzle cleaning rod, 3 Rubber Caps for Spray Nozzles not in use.	\$31.50
ZA	Drip Humidifier Expansion Element. Copper Tubing and Fittings. Vapor Pan. IMPORTANT: Always specify the number of the Sunbeam Unit with which Drip Humidifier will be used so proper piping and fittings will be provided.	\$9.50
	Water Pan For 5500-80 and 1100 Series Water Pan with Cast Iron Frame that attaches to Jacket	\$2.50

*Auxiliary Water Heater Coils

For 20-5500-80 Series
(Installed in Front of Unit)

No. of Coil	For Units	Approximate Shipping Weight	Net Trade Price
No. 1" x 24" Straight	No. 4420	7 lbs.	\$1.00
No. 1" x 26" Straight	No. 4820, 5220, 3480	7½ lbs.	1.00
No. 1 Formed	No. 2480, 5522, 5524	7½ lbs.	2.50
No. 2 Formed	No. 2780, 3080, 5527	7 lbs.	2.70

*In ordering, be sure to specify the size of coil and the unit to which it is to be connected. For example, 1" x 24" Straight Coil for No. 4420 Air Conditioning Unit.

For 1100 Series Only
(Installed in Rear Flue Outlet)

No. of Coil	For Units	Diameter of Adapter Plate	Approx. Shipping Weight	Net Trade Price
1" x 30"— 8 straight	1120	8"	12 lbs.	\$1.85
1" x 30"— 8 straight	1124	8"	12 lbs.	1.85
1" x 30"— 9 straight	1127	9"	14 lbs.	2.00
1" x 30"—10 straight	1134-18-½	10"	16 lbs.	2.15
1" x 30"—10 straight	1134-18-¾	10"	16 lbs.	2.15
1" x 30"—10 straight	1134-21-¾	10"	16 lbs.	2.15

*In ordering be sure to specify the size of coil and the unit to which it is to be connected. For example, 1" x 30"—9 Straight Coil for No. 1127 Air Conditioning Unit.

Air Filters

For Replacement

Filter Sizes	Net Trade Prices	Filter Sizes	Net Trade Prices
20"x25"x2"	\$1.15	16"x20"x2"	\$1.00
20"x20"x2"	1.00	15"x20"x2"	.90
16"x25"x2"	1.00		

Full freight is allowed to any railroad point of destination east of the Rocky Mountains on shipments of a gross or more of Filters.

Sunbeam Air Conditioning Units

Oil Fired

Series No. 1100, Steel Heating Element
 Including Arcoflame Oil Burner Complete with
 Standard Control Set No. 202

Catalog Pages S41, S42, S43, S45

Unit Model Number	Burner Model Number	Oil Burner Input Gals. per Hour	Btu Capacity at Registers	Net Trade Price	Approximate Shipping Weight
1120	C-1S*	1.25	101,000	\$224.75	1330
1124	C-1S	1.50	151,000	302.75	1712
1127	C-1S	2.00	201,000	350.00	1949
1134-18-1/2	C-1S-X	2.50	240,000	386.75	2244
1134-18-3/4	L-1S	3.00	285,000	403.00	2276
1134-21-3/4	L-1S	3.50	331,000	429.75	2418

*Supplied with Special Turbulator Attachment.

Above Net Trade Prices include: Arcoflame Burner with No. 672x01 Arcoflame Stack Control (packed in burner box); No. 202 Arcoflame Burner Control Set (Thermostat, Combination Blower and Limit Control, Nozzle); Sunbeam Heat Lib-O-Rator Precast Combustion Chamber; Square Outer Enamel Jacket; Inner Casing and Rings; Blower; Blower Cabinet; Smoke Pipe Tee and Cap; Draft Stabilizer; Belt and Pulleys; Rubber Mounted Motor with overload protection; Air Filters.

OPTIONAL ARCOFLAME BURNER CONTROL SETS: Where Arcoflame Burner Control Sets are desired for Series No. 1100 Oil Fired Sunbeam Air Conditioning Units other than Arcoflame Burner Control Set No. 202, the following additions to above Net Trade Prices will be made:

	Add to Net Trade Prices Above
Unit Burner Control Set No. 202-A.....	\$18.50
Unit Burner Control Set No. 232.....	6.00
Unit Burner Control Set No. 232-A.....	24.50

SEE PAGE 11 FOR DESCRIPTION OF ARCOFLAME BURNER CONTROL SETS

Series No. 1100, Steel Heating Element

Without Oil Burner or Controls

Catalog Pages S41, S42, S43, S45

Unit Model Number	Oil Burner Input Gals. per Hour	Btu Capacity at Registers	Net Trade Price	Approximate Shipping Weight
1120	1.25	101,000	\$122.75	1067
1124	1.50	151,000	200.75	1384
1127	2.00	201,000	248.00	1596
1134-18-1/2	2.50	240,000	284.75	1891
1134-18-3/4	3.00	285,000	291.00	1904
1134-21-3/4	3.50	331,000	317.75	2046

Above Net Trade Prices include: Square Outer Enamel Jacket; Inner Casing and Rings; Blower; Blower Cabinet; Smoke Pipe Tee and Cap; Belt and Pulleys; Rubber Mounted Motor with overload protection; Air Filters; 10 Lbs. Mineral Wool Insulation.

See page 18 for Electrical Specifications; page 7 for Temperature Controls; pages 15, 16 and 17 for Zone Controls; and page 8 for Humidifying Equipment and Auxiliary Water Heater Coils.

ARCOFLAME OIL BURNERS

For Air Conditioning Installations

Catalog Pages A59-A60-B

Model No.	Complete with No. 211-CH Thermostat, 515X01 Combination Blower and Limit Control and Nozzle	Net Trade Price
C1 C2 C3	FOR AIR CONDITIONING INSTALLATIONS FOR USE ON 110 VOLT, 60 CYCLE CURRENT* MAXIMUM CAPACITY 3.00 GALLONS OIL PER HOUR Approximate Shipping Weight 140 lbs.	\$102
Model No.	Complete with No. 211-CH Thermostat, 515X01 Combination Blower and Limit Control and Nozzle	Net Trade Price
L1 L3	FOR AIR CONDITIONING INSTALLATIONS FOR USE ON 110 VOLT, 60 CYCLE CURRENT* MAXIMUM CAPACITY 7.00 GALLONS OIL PER HOUR Approximate Shipping Weight 165 lbs.	\$112

IMPORTANT NOTICE

NET TRADE PRICES FOR ARCOFLAME BURNERS AND STANDARD BURNER CONTROL SETS AS SHOWN ABOVE, AND AS SHOWN ON PAGE 11 INCLUDE, IN ADDITION TO THE NOZZLE AND CONTROLS AS LISTED, A NO. 672X01 ARCOFLAME STACK CONTROL. ARCOFLAME STACK CONTROL IS PACKED WITH ARCOFLAME BURNER.

ARCOFLAME BURNERS WILL BE SOLD ONLY WHEN ORDERED IN COMBINATION WITH ONE OF THE ARCOFLAME STANDARD BURNER CONTROL SETS, AS SHOWN ON PAGE 11. ADDITIONAL ARCOFLAME CONTROLS MAY BE PURCHASED SEPARATELY AT NET TRADE PRICES SHOWN ON PAGE 11.

WHERE DESIRED 211-CDN DAY-NIGHT THERMOSTAT AND 456 TIME SWITCH AS A COMBINATION CAN BE SUBSTITUTED FOR 211-CH THERMOSTAT IN ANY ARCOFLAME STANDARD BURNER CONTROL SET SHOWN ON PAGE 11. FOR THEIR SUBSTITUTION ADD \$18.50 TO NET TRADE PRICE OF STANDARD BURNER CONTROL SET SELECTED.

WHEN ARCOFLAME BURNER IS ORDERED WITH NOZZLE SIZES OF 1.25 AND 1.35 GALLONS PER HOUR, SPECIAL TURBULATOR ATTACHMENT IS FURNISHED AT NO ADDITIONAL CHARGE.

*MODELS C AND L ARCOFLAME BURNERS FOR CURRENT CHARACTERISTICS, OTHER THAN 110 VOLT, 60 CYCLE, FOR USE WITH SUNBEAM AIR CONDITIONING UNITS, EXCEPT SERIES NO. 1100, ARE AVAILABLE ON SPECIAL ORDER. PRICES ON APPLICATION. MODEL L ARCOFLAME BURNERS ARE NOT AVAILABLE FOR DIRECT CURRENT APPLICATION.

ARCOFLAME OIL BURNERS ARE APPROVED BY THE NATIONAL BOARD OF FIRE UNDERWRITERS.

ARCOFLAME OIL BURNERS

Catalog Page A59-A60-B

COMPLETE WITH

STANDARD ARCOFLAME BURNER CONTROL SETS AND NOZZLE†

(A Standard Arcoflame Burner Control Set Must Be Purchased With Each Arcoflame Burner)

Arcoflame Burner Standard Control Set Number	Contents of Arcoflame Standard Control Sets		Net Trade Price Oil Burners Complete With Control Sets	
	Stock No.	Instrument	Model C	Model L
For Warm Air Installations				
No. 19—FURNACE— Arcoflame Control Set. For Warm Air Furnaces—Without Blower.	211-CH 512	Thermostat Air Limit Control	\$99	\$109
No. 20—FURNACE— Arcoflame Control Set. For Warm Air Furnaces—With Blower Control.	211-CH 515X01	Thermostat Combination Blower and Limit Control	\$102	\$112

For Air Conditioning Units

No. 202—UNIT— Arcoflame Control Set. For Air Conditioning Unit—With Blower Control.	211-CH 515X01	Thermostat Combination Blower and Limit Control	\$102	\$112
No. 232—UNIT— Arcoflame Control Set. For Air Conditioning Unit—With Thermostat Control of Blower.	211-CH 515X01 793X01	Thermostat Combination Blower and Limit Control Arcoflame Relay	\$108	\$118

IMPORTANT: When substitution of 211-CDN and 456 combination is made for 211-CH such control sets will be designated by suffix "A" after control set number. If desired add \$18.50 to above Net Trade Prices.

†WHEN ORDERING ARCOFLAME OIL BURNER BE SURE TO SPECIFY NOZZLE SIZE DESIRED.

Illuminated Summer Switch, manually controlled, for circulation of air in summer, can be furnished on special order with control sets Nos. 20, 20-A, 202, 202-A, 232, 232-A at added charge of \$2.40.

Thermostat cable not furnished. See pages 15, 16 and 17 for Zone Control Sets.

ARCOFLAME BURNER CONTROLS

Net Trade Prices—When Ordered Separately

Stock No.	DESCRIPTION	Net Trade Price Standard Controls 60 Cycle, 110 Volt
672X01	Arcoflame Stack Control.....	\$17.25
211-CH	Heat Compensated Thermostat Low Voltage (Scale 40°-90°).....	6.00
*211-CDN	Day-Night Heat Compensated Thermostat (Scale 40°-90°).....	8.90
*456	Time Switch with Transformer.....	13.50
512	Air Limit Control (High Voltage) (Scale 150°-300°) (Stop 250°).....	4.50
515X01	Combination Blower and Limit Control (High Voltage) (Scale Blower 75°-325° Limit 100°-350° Stop 200°).....	8.25
511X01	Furnace Blower Control (High Voltage) (Scale 75°-225°) (Stop 175°).....	6.00
793X01	Arcoflame Relay Transformer.....	6.75

*211-CDN Thermostat used only in combination with 456 Time Switch.

NOZZLES AND STRAINERS

	Gals. Per Hr.	Angle of Spray	Gals. Per Hr.	Angle of Spray
For Model C	**1.25	80°	2.00	60°
	**1.35	80°	2.25	60°
	1.50	80°	2.50	60°
	1.65	80°	2.75	60°
	1.75	60°	3.00	60°
For Model L	3.00	60°	5.50	60°
	3.50	60°	6.00	60°
	4.00	60°	6.50	60°
	4.50	60°	7.00	60°
	5.00	60°		

NET TRADE PRICE—Nozzle and Strainer.....\$.90

**When these Nozzles are used in Model "C" Arcoflame Burners, the Special Turbulator Attachment should be used. Special Turbulator Attachment furnished at no additional charge when these nozzles are supplied as part of one of the Standard Arcoflame Burner Control Sets shown above. Net Trade Price Special Turbulator Attachment, when sold separately.....\$1.50

Sunbeam Air Conditioning Units

GAS FIRED

Series HL, Cast Iron Heating Element
 With Blower at Right of Heating Compartment

Unit Number	A.G.A. Rating Btu Input per Hour	Btu Capacity at Registers	Net Trade Prices with Enamel Jacket		Approx. Shipping Weight
			Control Comb. No. 1 With Plain DLC Equipment	Control Comb. No. 2 With Plain 10 MH Equipment	
HL-80	80,000	57,600	\$168.00	\$160.00	850
HL-100	100,000	72,000	178.00	170.00	950
HL-125	125,000	90,000	194.25	191.00	1050
HL-150	150,000	108,000	209.25	206.00	1150

Series H and HV, Cast Iron Heating Element

With Blower Under Heating Compartment

Catalog Pages S55-60

Unit Number *	A.G.A. Rating Btu Input per Hour	Btu Capacity at Registers	Net Trade Prices with Enamel Jacket		Approx. Shipping Weight
			Control Comb. No. 1 With Plain DLC Equipment	Control Comb. No. 2 With Plain 10 MH Equipment	
H-75	75,000	54,000	\$169.00	\$161.00	612
H-100	100,000	72,000	182.25	174.25	651
H-125	125,000	90,000	199.00	195.75	765
H-150	150,000	108,000	214.50	211.25	903
HV-55	55,000	39,600	164.25	156.25	443
HV-75	75,000	54,000	169.00	161.00	612

*In Series HV the Return Air Intake is in the bottom of the base of Unit. In Series H the Return Air Intake is in the rear of the base of the Unit.

STANDARD EQUIPMENT INCLUDES:

1. Completely assembled blower-motor unit.
 2. Enamel jacket.
 3. Draft diverter.
 4. Gas pressure regulator.
 5. Air filters.
 6. Float-type humidifier.
7. Control Combination No. 1 **or** Control Combination No. 2.
- | | | |
|--|---|---|
| a. Detroit No. 566-VP Ther-motor Gas Valve, Limit Control, Thermostatic Pilot and Transformer.
b. No. 269B Detroit Stack Fan Switch.
c. No. 211-CH Detroit Plain Thermostat. | a. Minneapolis-Honeywell 3/4" V-16A Solenoid Gas Valve (or 1" V-155A Minneapolis-Honeywell Motorized Gas Valve on the HL or H-125 and HL or H-150 units when supplied for Manu-factured Gas). | b. No. 550 Basco Thermostatic Pilot.
c. Detroit Air Temperature Limit Switch.
d. No. 269B Detroit Stack Fan Switch.
e. No. T-11A M-H Plain Thermostat. |
|--|---|---|

For omission of No. 211-CH or T-11-A Plain Thermostat deduct \$6.00 from above Net Trade Prices.

Stock No.	Thermostats (not included in above prices)	Net Trade Prices
211-CDN	Day Night Thermostat (used only with No. 456)	\$ 8.90
456	Detroit Time Switch (for use with No. 211-CDN)	13.50
T-109-A	Da-Nite Acratherm	12.75
T-105-A	Chronotherm	27.38
T-111-A	Minute Meter Chronotherm	19.50

Instructions for Ordering

Orders must specify (1) Natural, Manufactured or Mixed Gas. (2) Btu content. (3) Specific Gravity.

See page 18 for Electrical Specifications.

Sunbeam Air Conditioning Units

GAS FIRED

Series SL, Steel Heating Element With Blower at Right of Heating Compartment

Unit Number	A. G. A. Rating Btu Input per Hour	Btu Capacity at Registers	Net Trade Prices with Enamel Jacket	Approximate Shipping Weight
SL-70	70,000	50,400	\$122.50	370
SL-85	85,000	61,200	137.00	410
SL-105	105,000	75,600	153.00	498
SL-125	125,000	90,000	170.00	527
SL-150	150,000	108,000	185.00	573

Series SU, Steel Heating Element With Blower Under Heating Compartment

Unit Number	A. G. A. Rating Btu Input per Hour	Btu Capacity at Registers	Net Trade Prices with Enamel Jacket	Approximate Shipping Weight
SU-70	70,000	50,400	\$125.50	361
SU-85	85,000	61,200	140.50	380
SU-105	105,000	75,600	156.75	488
SU-125	125,000	90,000	174.25	517
SU-150	150,000	108,000	189.75	562

STANDARD EQUIPMENT INCLUDES:

1. Enamel Jacket.
2. Gas Pressure Regulator.
3. Main Shut-off Valve.
4. Blower-Motor Unit.
5. Air Filters.
6. Minneapolis-Honeywell $\frac{1}{2}$ " V-16A Solenoid Gas Valve (or 1" V-155A Minneapolis-Honeywell Motorized Gas Valve on the SL or SU-125 and SL or SU-150 Units when supplied for Manufactured gas).
7. No. T-11-A Plain Thermostat.
8. No. 550 Baso Thermostatic Pilot.
9. No. L-101-A Combination Blower and Limit Switch.
10. Draft Diverter.

For omission of No. T-11-A Plain Thermostat deduct \$6.00 from above Trade Prices.

Thermostats (not included in above prices)

Stock No.		Net Trade Prices
T-109-A	Da-Nite Acratherm	\$12.75
T-105-A	Chronotherm	27.38
T-111-A	Minute Meter Chronotherm	19.50

Automatic Spray Humidifier

Combination	(Not included in above prices)	Net Trade Prices
H-4x	No. H-8 Friez Humidistat. No. V-837-A Solenoid Water Valve including transformer. 2 No. 390 Water Strainers. No. A-320 Water Pressure Reducing Valve. No. 50 Humidifier including: Copper tubing and fittings, Shut-off Valve, 4 Spray Nozzles with individual shut-off valves, Aluminum spray pan with capacity adjusting plate, Nozzle cleaning rod, 3 Rubber Caps for Spray Nozzles not in use.	\$31.50

Drip Humidifier

	(Not included in above prices)	
ZA	Expansion Element. Copper Tubing and Fittings. Vapor Pan. IMPORTANT: Always specify the number of the Sunbeam Unit with which Drip Humidifier will be used so proper piping and fittings will be provided.	\$9.50

Instructions for Ordering

Orders must specify (1) Natural, Manufactured or Mixed Gas. (2) Btu content. (3) Specific gravity.
See page 18 for Electrical Specifications.

Gas Fired

SUNBEAM

AIR CONDITIONING UNIT

Sunbeam

Sunbeam Air Conditioning Units GAS FIRED

Series DE and DB, Cast Iron Heating Element

Catalog Pages S61-66

Unit Number	A. G. A. Rating Btu Input per Hour	Btu Capacity at Registers	Net Trade Prices with Enamel Jacket	Approx. Shipping Weight, Lbs.
DE-2	140,000	107,100	\$212.00	1856
DE-3	210,000	160,650	283.50	2534
DE-4	280,000	214,200	420.00	3354
DB-5	350,000	267,750	525.00	4117

STANDARD EQUIPMENT INCLUDES:

1. V-155-A gas valve and transformer.
2. Thermostatic pilot for each section.
3. Gas Pressure regulator for main line.
4. Gas Pressure regulator for pilot line.
5. Enamel jacket.
6. Blower and cabinet.
7. Rubber mounted motor with overload protection.
8. Main shut-off gas valve.
9. Gas Piping: shut-off valve to burners, pilot gas cock to pilots.
10. Flue manifold.
11. Cast elbow and draft diverter for each section.
12. Burner gas cocks.
13. Air filters.

*Tubing and fittings for connecting regulator vents to flue manifold can be furnished at additional Net Trade Price of \$1.00. Specify unit number.

Instructions for Ordering

Orders must specify (1) Natural, Manufactured or Mixed Gas. (2) Btu content. (3) Specific gravity.

Temperature Controls and Humidifying Equipment for Series DE and DB Units

Catalog Pages S65-66

Combination	Description	Net Trade Prices
Room Temperature Controls Select One	Blower Switch Control of Blower No. T-11-A. Plain Thermostat (Acratherm). No. L-101-A. Blower and Limit Switch (Furnacestat).	\$14.25
	J-2Ax No. T-105-A. Night and Day Electric Clock Thermostat (Chronotherm) and Transformer is substituted for Plain Thermostat above.	\$35.63
	J-3Ax No. T-109-A. Da-Nite Thermostat is substituted for Plain Thermostat above.	\$21.00
	Winter and Summer—Thermostat Control of Blower No. T-11-A. Plain Thermostat (Acratherm). No. L-101-B. Blower, Limit and High Cut-in Switch (Furnacestat). No. R-155-A. Control Box. (See description on page 18).	\$27.75
	K-2Ax No. T-105-A. Night and Day Electric Clock Thermostat (Chronotherm) and Transformer is substituted for Plain Thermostat above.	\$49.13
	K-3Ax No. T-109-A. Da-Nite Thermostat is substituted for Plain Thermostat above.	\$34.50
Humidifiers Select One	Automatic Spray Humidifier No. H-8. Friez Humidistat. No. V-837-A. Solenoid Water Valve including transformer. Two No. 390. Water Strainers. No. A-320. Water Pressure Reducing Valve. No. 50. Humidifier including: Copper tubing and fittings. Shut-Off Valve. 4 Spray Nozzles with individual Shut-Off Valves. Aluminum spray pan with capacity adjusting plate. Nozzle cleaning rod. 3 Rubber Caps for Spray Nozzles not in use.	\$31.50
	ZB Drip Humidifier Expansion Element. Copper Tubing and Fittings. Vapor Pan. IMPORTANT: Always specify the number of the Sunbeam Unit with which Drip Humidifier will be used so proper piping and fittings will be provided.	\$9.50

NOTE—Blower cabinets on Series DE and DB are attached to rear of heating jacket. On DB-5 Blower cabinet is integral part of heating jacket.
See page 18 for Electrical Specifications, and pages 15, 16 and 17 for Zone Controls.

Sunbeam

SUNBEAM
AIR CONDITIONING UNIT

Basic Controls for
Zone Combinations

Basic Zone Control Equipment

WINTER AND SUMMER THERMOSTAT CONTROL OF BLOWER

Note: Zone combinations on pages 16-17 must be added to basic controls

Control Package No.	Hand Fired For Series 20, 5500, 80	Net Trade Price
	CONTENTS	
E-1xa	*No. T-11-A. Plain Thermostat (Acratherm) No. M-87-A. Damper Motor including Transformer, Chain, S-Hook and Pulleys No. L-101-A. Blower and Limit Switch (Furnace-stat) No. R-155-A. Control Box (See description on page 18)	\$40.88
	Oil or Stoker Fired For Series 1100, 20, 5500, 80	
P-1-P (Oil) F-1xa (Stoker)	*No. T-11-A. Plain Thermostat (Acratherm) No. L-401-A. Blower and Limit Switch (Furnace-stat) No. R-155-A. Control Box (See description on page 18)	\$26.63
	Gas Fired For Series DE and DB	
L-1Axa	*No. T-11-A. Plain Thermostat (Acratherm) No. L-101-A. Blower and Limit Switch (Furnace-stat) No. R-155-A. Control Box (See description on page 18)	\$26.63

*NOTE—The number T-11-A Plain Thermostat listed above is used for summer control of blower only. Zone control thermostats are inoperative in summer. If summer control of blower is not required deduct \$6.00 from above net trade prices.

WIRING DIAGRAM IS FURNISHED WITH EACH COMBINATION ORDERED.
INSTRUCTIONS PERTAIN ONLY TO CONTROLS WE FURNISH

IMPORTANT WHEN OIL FIRED

OIL BURNER dealer should furnish and wire according to wiring diagram furnished by oil burner manufacturer, all controls he furnishes regularly, with the exception of the thermostat, and limit switch.

Zone control equipment should not be used with an oil burner employing the constant variable flame principle.

WHEN STOKER FIRED

STOKER dealer should supply Hold Fire Control.

WHEN ORDERING CONTROLS, specify make of stoker and stoker controls to be used, and the name or number by which the manufacturer identifies the controls. For example: "Freeman Stoker with Minneapolis-Honeywell R-183-A Stoker Relay." We will be able to supply, in most cases, a complete wiring diagram which will show the proper method of wiring both our controls and stoker controls.

Zone control equipment should not be used with a stoker employing the variable coal feed principle.

Zone Control Combinations

For Use with Basic Zone Control Equipment Listed on Page 15

Equipment listed is for each zone. Two zones require two combinations, three zones require three combinations, etc.

WITH PLAIN THERMOSTATS

Combination	CONTENTS	Net Trade Price
G-1Ax	No. T-21-A. Plain Thermostat (Acratherm) No. M-26-C. Duct Damper Motor including fittings, transformer, switch and terminal posts. No. W-1-A. Zone Power Box for duct damper motor transformers, and wire terminal posts. The G-1Ax Combination has a power box having sufficient space for four transformers, and a panel provided with terminals for centralized wiring. If four zones (including relief zone if one is used) or less are used, only one G-1Ax is necessary. An additional G-1Ax is necessary for five to eight zones, etc.	\$30.00
G-1Bxa	No. T-21-A. Plain Thermostat (Acratherm) No. M-26-C. Duct Damper Motor including fittings, transformer, switch and terminal posts. No. LA-222-A. High Cut-in Relief Switch (Airstat) One G-1Bxa Combination is necessary regardless of the number of zones used unless a separate relief zone is used (Combination G-3xa) in which event Combination G-1Bxa is not necessary.	\$25.50
G-1Cx	No. T-21-A. Plain Thermostat (Acratherm) No. M-26-C. Duct Damper Motor including fittings, transformer, switch and terminal posts. One G-1Cx Combination is required for each zone not controlled by a G-1Ax or G-1Bxa Combination.	\$21.00
G-1-1Dx	No. M-26-C. Duct Damper Motor including fittings, transformer and terminal posts. To be used where a zone thermostat controls more than one duct damper motor.	\$15.00
G-3xa	No. M-26-C. Duct Damper Motor including fittings, transformer, switch and terminal posts. No. LA-222-A. High Cut-in Relief Switch (Airstat) One G-3xa Combination required only when G-1Bxa Combination is not used. G-3xa Combination is used to provide for exhausting any surplus heat from unit into an unheated portion of building.	\$19.50

IMPORTANT: Combinations including Plain Thermostats cannot be installed with combinations including Night and Day Thermostats listed on page 17.

Zone Control Combinations

For Use with Basic Zone Control Equipment Listed on Page 15

Equipment listed is for each zone. Two zones require two combinations, three zones require three combinations, etc.

WITH NIGHT AND DAY THERMOSTATS

Combination	CONTENTS	Net Trade Price
G-2Ax	No. T-205-A. Electric Clock Thermostat, Switch and Transformer (Chronotherm) No. M-26-C. Duct Damper Motor including fittings, transformer, switch and terminal posts. No. W-2-A. Power Box for duct damper motor transformers, wire terminal posts and day and night control relay. The G-2Ax Combination has a power box having sufficient space for four transformers and a panel provided with terminals for centralized wiring and day and night control relay. If four zones (including relief zone if one is used) or less are used, only one G-2Ax is necessary. An additional G-2Ax is necessary for five to eight zones, etc.	\$61.13
G-2Bxa	No. T-29-A. Twin Thermostat (Acratherm) No. M-26-C. Duct Damper Motor including fittings, transformer, switch and terminal posts. No. LA-222-A. High Cut-in Relief Switch (Airstat) One G-2Bxa Combination is necessary regardless of the number of zones used unless a separate relief zone is used (Combination G-3xa) in which event Combination G-2Bxa is not necessary.	\$31.50
G-2Cx	No. T-29-A. Twin Thermostat (Acratherm) No. M-26-C. Duct Damper Motor including fittings, transformer and terminal posts. One G-2Cx Combination is required for each zone not controlled by a G-2Ax or G-2Bxa Combination.	\$27.00
G-1-2Dx	No. M-26-C. Duct Damper Motor including fittings, transformer and terminal posts. To be used where a zone thermostat controls more than one duct damper motor.	\$15.00
G-3xa	No. M-26-C. Duct Damper Motor including fittings, transformer, switch and terminal posts. No. LA-222-A. High Cut-in Relief Switch (Airstat) One G-3xa Combination required only when G-2Bxa Combination is not used. G-3xa Combination is used to provide for exhausting any surplus heat from unit into an unheated portion of building.	\$19.50

IMPORTANT: Combinations Including Night and Day Thermostats cannot be installed with combinations including Plain Thermostats listed on page 16.

SUNBEAM

AIR CONDITIONING UNITS

Sales Offices and Showrooms:

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