Excelso Products Corporation

65 Clyde Ave., BUFFALO, N. Y.

Excelso Indirect Water Heaters, Phaeton Heaters, Fire Pot Generators, Rotary Hack Saw Tools



Connect below water line of any Steam or Vapor Boiler, or use with live steam. Boiling water in the shell heats water circulating through copper coil.

EXCELSO INDIRECT WATER HEATERS

Dimensions—Price List—Capacities

	Single Coil						Double Coil				Triple Coil	
Size	Jr.	11	12	13	14	15	25	26	27	28	35	36
Length.....In.	8½	10½	14	11½	15	19½	12½	15	19	23¼	21	25
Diameter.....In.	5	5	5	6½	6½	6½	9	9	9	9	13¾	13¾
Shell Open'gs.....In.	1	1	1	1½	1½	1½	2	2	2	2	3	3
Coil Open'gs.....In.	¾	¾	¾	1	1	1	1½	1½	1½	1½	2½	2½
Weight Crated.....Lbs.	11	13	16	29	37	42	65	73	88	106	185	210
List Price.....	$12.50	$30	$40	$50	$60	$70	$120	$150	$180	$210	$310	$400

Heating Water Below Water Line of Steam or Vapor Boilers

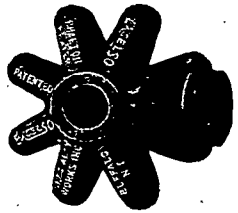
Size.....	Jr.	11	12	13	14	15	25	26	27	28	35	36
Tank Capacity.....	30	30	45	60	90	120	160	200	300	400	600	800

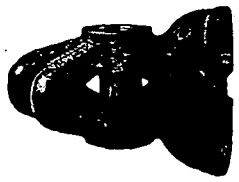
Temperature rise 100 deg. in 3 hours.

Heating Water With Live Steam

Size.....	Jr.	11	12	13	14	15	25	26	27	28	35	36
Tank Capacity.....	45	50	75	100	150	200	250	300	450	600	900	1200

Temperature rise 100 deg. in 3 hours at 5 lb. pressure.





THE EXCELSO PHAETON HEATER

Dimensions—Price List—Capacities

Diameter.....In.	6	8	10	12	15	18
Height.....In.	3½	4½	5¼	6	7	8
Tappings.....In.	1	1	1½	2	2½	3
Center to Center of Outlets.....In.	2½	2½	3	3½	4½	5½
Capacity.....Gals.	30	45	80	100	150	250
Sq. Ft. Direct Water Radiation.....Ft.	40	75	100	150	250	400
Shipping Weight..Lb.	6	11	18	30	60	85
List Price.....Iron	$7.50	$12.00	$20.00	$24.00	$50.00	$70.00
List Price.....Brass	$15.00	$28.00	$45.00	$54.00	$115.00	$160.00

The highly efficient firepot heater, suitable for hot water supply or auxiliary radiation, transfers 80 per cent of heat to water.





Excelso Firepot Generator

Generator fits any type of hot water boiler or hot air furnace. Made in both cast iron and brass.

Size No. 1, up to 40 gals. capacity.

Size No. 2, over 40 gals. capacity.





Excelso Rotary Hack Saw Tool

Boilers may be quickly and easily tapped by means of the Excelso Rotary Hack Saw Tool. Each tool cuts three sizes: 1 in., 1½ in. and 2 in. Pipe Tap size.

Price $7.50 net, with six blades; two of each size.

O. E. Frank Heater and Engineering Co., Inc.

Associated with FARRAR & TREFTS, Inc.

BUFFALO, N. Y.

Branch Offices

New York, Philadelphia, Detroit, St. Louis, Tulsa, Birmingham, Indianapolis, Kansas City, Charlotte, N. C, Calgary, Alta., Baltimore, Toronto

Branch Offices

Boston Mass., Chicago, Pittsburgh, Cleveland, Halifax, Vancouver, Minneapolis, San Francisco, Washington, Harrisburg, Pa., Los Angeles, Portland, Ore.

O. E. F. Products.—U-Tube and Straight Tube Storage Heaters, U-Tube and Straight Tube Instantaneous Heaters, U-Tube and Straight Tube Feed-water Heaters, U-Tube and Straight Tube Swimming Pool Heaters, Bleeder Turbine Heaters, Domestic Service Heaters, Power Plant Heaters, Oil Coolers, Special Heat Exchange Equipment for Industrial Plants.

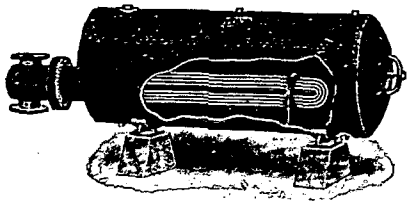
O. E. F. Storage Heaters are furnished in either the U-Tube or Straight Tube types to meet your requirements.

Tanks are made of high quality flange boiler steel. Tube Sheets of rolled steel, Castings of heavy gray iron, and Tubes of heavy gauge copper.

All Heaters, unless otherwise specified are constructed for a working pressure of 100 lb. Information for higher pressures furnished on request.

When it is necessary to use both high and low pressure steam, the steam chamber and tubes can be so arranged as to eliminate installation of a separate tube bundle.

All tube bundles or heating elements are removable from the tank for ease in inspection, cleaning, or repairing.



O. E. F. U-Tube Storage Heater

O. E. F. STORAGE HEATERS

For heating water from 50° to 180° F. with steam at 212° F.

Storage Capacity Gal.	80	141	220	294	370	476	576	720	940	1128	1204	1445	1469	2056	2115	2538	2961
Tank Size Inches	18 x 72	24 x 72	30 x 72	30 x 96	36 x 84	36 x 108	42 x 96	42 x 120	48 x 120	48 x 144	54 x 120	54 x 144	60 x 120	60 x 168	72 x 120	72 x 144	72 x 168
Gallons per Hour																	
100	A5	C5	F5	H5	K5	M5	O5	Q5	W5	Y5	AX5	CX5	GX5	MX5	NX5	PX5	RX5
150	A8	C8	F8	H8	K8	M8	O8	Q8	W8	Y8	AX8	CX8	GX8	MX8	NX8	PX8	RX8
200	A11	C11	F11	H11	K11	M11	O11	Q11	W11	Y11	AX11	CX11	GX11	MX11	NX11	PX11	RX11
250	A13	C13	F13	H13	K13	M13	O13	Q13	W13	Y13	AX13	CX13	GX13	MX13	NX13	PX13	RX13
300	A16	C16	F16	H16	K16	M16	O16	Q16	W16	Y16	AX16	CX16	GX16	MX16	NX16	PX16	RX16
350	...	C19	F19	H19	K19	M19	O19	Q19	W19	Y19	AX19	CX19	GX19	MX19	NX19	PX19	RX19
400	...	C22	F22	H22	K22	M22	O22	Q22	W22	Y22	AX22	CX22	GX22	MX22	NX22	PX22	RX22
450	...	C24	F24	H24	K24	M24	O24	Q24	W24	Y24	AX24	CX24	GX24	MX24	NX24	PX24	RX24
500	...	C27	F27	H27	K27	M27	O27	Q27	W27	Y27	AX27	CX27	GX27	MX27	NX27	PX27	RX27
600	...	C32	F32	H32	K32	M32	O32	Q32	W32	Y32	AX32	CX32	GX32	MX32	NX32	PX32	RX32
700	...	C38	F38	H38	K38	M38	O38	Q38	W38	Y38	AX38	CX38	GX38	MX38	NX38	PX38	RX38
800	...	C43	F43	H43	K43	M43	O43	Q43	W43	Y43	AX43	CX43	GX43	MX43	NX43	PX43	RX43
900	...	C47	F47	H47	K47	M47	O47	Q47	W47	Y47	AX47	CX47	GX47	MX47	NX47	PX47	RX47
1000	...	...	F54	H54	K54	M54	O54	Q54	W54	Y54	AX54	CX54	GX54	MX54	NX54	PX54	RX54
1250	...	...	F67	H67	K67	M67	O67	Q67	W67	Y67	AX67	CX67	GX67	MX67	NX67	PX67	RX67
1500	...	...	F81	H81	K81	M81	O81	Q81	W81	Y81	AX81	CX81	GX81	MX81	NX81	PX81	RX81
1750	...	...	F94	H94	K94	M94	O94	Q94	W94	Y94	AX94	CX94	GX94	MX94	NX94	PX94	RX94
2000	...	...	F108	H108	K108	M108	O108	Q108	W108	Y108	AX108	CX108	GX108	MX108	NX108	PX108	RX108
2500	...	...	...	H134	...	M134	O134	Q134	W134	Y134	AX134	CX134	GX134	MX134	NX134	PX134	RX134
3000	...	...	...	...	...	M162	O162	Q162	W162	Y162	AX162	CX162	GX162	MX162	NX162	PX162	RX162
3500	...	...	...	...	...	...	O188	Q188	W188	Y188	AX188	CX188	GX188	MX188	NX188	PX188	RX188
4000	...	...	...	...	...	...	O215	Q215	W215	Y215	AX215	CX215	GX215	MX215	NX215	PX215	RX215
4500	...	...	...	...	...	...	...	Q243	W243	Y243	AX243	CX243	GX243	MX243	NX243	PX243	RX243
5000	...	...	...	...	...	...	...	Q269	W269	Y269	AX269	CX269	GX269	MX269	NX269	PX269	RX269
6000	...	...	...	...	...	...	...	...	...	Y323	...	CX323	...	MX323	...	PX323	RX323
7000	...	...	...	...	...	...	...	...	...	...	...	...	...	MX377	...	...	RX377

NOTE.—The letter given in the above table of sizes indicates the size of the tank and the numerals, the square feet of heating surface.

EXAMPLE.—A G5 Heater consists of a 24 by 72 in. Storage Tank (length not including dished heads) and contains 5 sq. ft. of heating surface.

Write for information on sizes other than listed above, special conditions such as corrosion, and pressures