

Davis Engineering Corp.

90 West Street, New York, N. Y.

Cable Address: "PARACOIL, NEW YORK"

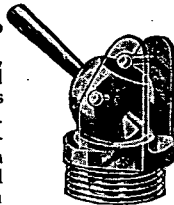
Factory: ELIZABETH, N.J.

Manufacturers of Paracoil Steam Traps, Steam Specialties, Water Storage Heaters and other Heat Exchangers

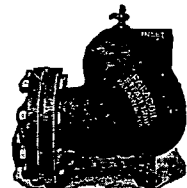
PARACOIL PRODUCTS—Steam Traps, Feed Water Heaters, Feed Water Filters and Grease Extractors, Storage Water Heaters, Oil Heaters, Evaporators, Exhaust Gas-Steam Generators, Oil Coolers, Distillers.

Paracoil Steam Trap

Only one moving part, the solid recessed sphere which rotates over the valve seat. Designed for all pressures. 30 lb. steam pressure, 125 lb. and 200 lb., are carried in stock.



Paracoil Valve



Capacities up to 75,000 lb. per hour.

Guaranteed free from repairs for two years, providing installation and operating instructions are followed.

Write for Catalogue A-12.

Paracoil Steam Trap

Paracoil Steam Trap

Trap In.	Capacity Sq. Ft. Radiation	Height In.	Length In.	Width In.	List Price	Wgt. Lb.
1/2	800	8 1/2	8	8	\$15.00	24
3/4	1800	8 1/2	10 1/8	4 7/8	20.00	28
1		11 1/2	11 1/2	5 1/2	25.00	36
special 1-1/4	4800	12 1/2	12	6 1/8	35.00	50
1-1/2	8000	16 1/8	16	10 1/4	68.00	112
2	12,000	18	19	11 1/2	100.00	185
2 1/2	25,000	20	20 1/4	11 1/2	125.00	212

Larger size traps on application.

Paracoil Storage Water Heater

For heating and storing hot water for laundries, factories, hospitals, etc. The utilization of exhaust steam in this water heater effects a big fuel saving. Has steel plate shell for water and copper heating coils for steam. Pressures, 100 lb. standard and up. Sizes, 200 to 20,000 gallons per hour, heated to 180 deg. Fahr. Fully described in Bulletin 74.



Paracoil Storage Water Heater

Paracoil Instantaneous Water Heater, U Tube Tank Heater, Preheater and Condensation Cooler

Connected below water level of boiler, heats water supply when fire is banked. Unexcelled for indirect heating of private garages and conservatories.



Paracoil Instantaneous Water Heater

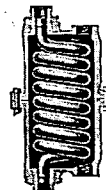
No.	Diameter In.	Length In.	Water Inlet and Outlet In.	Steam Inlet In.	Drain In.	Capacity Gal./Hr. 40-180° F. Steam Atmos.	W't Lb.
200	14 1/2	34	2	2	1	200	250
300	14 1/2	34	2	2	1	300	250
400	14 1/2	47	2	3	1 1/2	400	290
500	14 1/2	47	2	3	1 1/2	500	300
600	16 1/2	50	3	4	1 1/2	600	480
750	16 1/2	50	3	4	1 1/2	750	500
1000	16 1/2	62	3	4	1 1/2	1000	560
1250	16 1/2	62	3	4	1 1/2	1250	580
1500	19 1/2	70	3	5	2	1500	962
1750	19 1/2	75	3 1/2	5	2	1750	1010
2000	19 1/2	80	3 1/2	6	2	2000	1083
2500	21 1/2	81	3 1/2	6	2	2500	1252
3000	21 1/2	87	4	7	2 1/2	3000	1301
4000	21 1/2	99	4	8	2 1/2	4000	1400
5000	21 1/2	110	4	10	2 1/2	5000	1481
7500	26	95	5	12	3	7500	1915
10000	26	108	5	14	3	10,000	2125
12500	26	120	5	14	3	12,500	2241

Nos. 200 to 1250 cast iron shell, and Nos. 1500 to 12,500 steel shell.

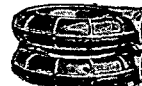
Paracoil U Tube Type Tank Heater

Size No.	Capacity, Gals.		Hot Water Radiation Sq. Ft.	Diam. In.	Length In.	W't Lb.
	Below Water Level	With Live Steam				
1	350	650	260	7 1/2	27 1/2	90
2	700	1300	520	11 1/2	40 3/4	220
3	1050	1900	780	14 1/2	47	375
4	1350	2500	1000	16 1/2	50	500

Larger sizes on application. Capacity rating, 100 deg. temperature rise in 3 hours (40 to 140 deg.). Capacity rating with live steam based on 1/2 lb. steam pressure.



Paracoil Fire Pot Type Water Heater



Indirect Residence Water Heater

Indirect Heaters, connected below water line of steam or vapor boilers. Fire Pot type (for use in connection with Paracoil Indirect) for hot air furnaces or hot water boilers. Write for bulletins.

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

Offices in All Principal Cities

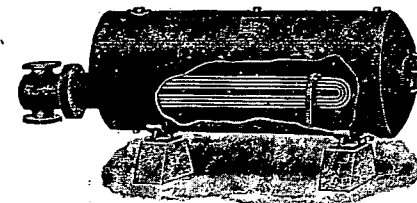


BUFFALO, N. Y.

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.

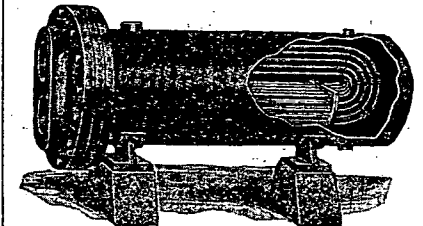
O. E. F. Storage Heaters are furnished in either the U-Tube or Straight Tube types to meet your requirements.

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.



O. E. F. U-Tube Storage Heater

O. E. F. U-Tube Instantaneous Heaters and Economizers—An economical heater low in price but having high heating efficiency and made of best materials. Extensively used for heating



O. E. F. Instantaneous U-Tube Heater and Economizer

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. Storage Heaters

For heating water from 50 to 180 deg. Fahr. with steam at 212 deg. Fahr.

Storage Capacity Gal.	141	370	940	1445	2956	2538	2961
Tank Size Inches	24 x 72	36 x 84	48 x 120	54 x 144	60 x 168	72 x 144	72 x 168
Gallons per Hour	C-5	K-5	W-5	CX-5	MX-5	PX-5	RX-5
100	C-11	K-11	W-11	CX-11	MX-11	PX-11	RX-11
200	C-27	K-27	W-27	CX-27	MX-27	PX-27	RX-27
500	C-43	K-43	W-43	CX-43	MX-43	PX-43	RX-43
800	C-54	K-54	W-54	CX-54	MX-54	PX-54	RX-54
1000	C-81	K-81	W-81	CX-81	MX-81	PX-81	RX-81
1500	C-108	K-108	W-108	CX-108	MX-108	PX-108	RX-108
2000	C-162	K-162	W-162	CX-162	MX-162	PX-162	RX-162
3000	C-269	K-269	W-269	CX-269	MX-269	PX-269	RX-269
5000							

Capacities and General Dimensions O. E. F. U-Tube Instantaneous Heaters

Heating Water from 50-180 deg. Fahr., with Steam at 212 deg. Fahr.

Gallons per Hour	Size	Width In.	Length Ft.-In.	Steam In.	Water In.	Drain In.
100	U-6	11	4-9 1/8	3	1 1/2	1
500	U-15	13 1/2	6-3 1/4	3	2	1 1/2
800	U-24	13 1/2	6-3 1/4	3	2 1/2	1 1/2
1000	U-30	16	6-3 1/4	3	2 1/2	1 1/2
1500	U-45	16	7-4 1/4	4	3	1 1/2
2000	U-60	19	7-5 1/4	4	3	1 1/2
3000	U-90	19	7-5 1/4	6	4	2
5000	U-150	22 1/4	7-7 1/4	8	4	3