Davis Engineering Corp.

90 West Street, New York, N. Y.

Cable Address: "PARACOIL, NEW YORK" Factory: ELIZABETH, N.J.

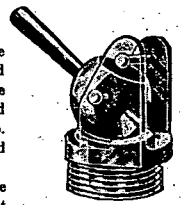
Manufacturers of Paracoil Steam Traps, Steam Specialties, Water Storage Heaters and other Heat Exchangers

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

In this trap there is only one moving part, the solid recessed sphere which rotates over the valve seat. The trap is designed for all pressures, but 30 lb. steam pressure, 125 lb. and 200 lb., are carried in stock.



Paracoil Valve

The oscillating action of the valve makes possible a constant flow of condensate and the gouging action of the recessed ball keeps foreign matter from lodging between the valve and its seat. Capacities up to 75,000 lb. per hour.



Paracoil Steam Trap

The Paracoil Trap is guaranteed free from repairs for two years, providing installation and operating instructions are followed. Write for Catalogue A-12.

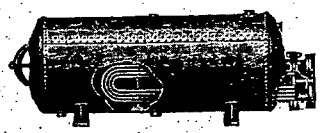
Paracoil Steam Trap

Trap In.	Capacity Sq. Ft. Radiation	Height In.	Length In.	Width In.	List Price	Wght Lb.
½	800	8½	8	8	$15.00	24
¾	1800	8⅜	10⅛	4⅞	20.00	28
¾ special	....	11½	11½	5½	25.00	36
1–1¼	4800	12¼	12	6⅛	35.00	50
1½–2	8000	16⅜	16	10¼	68.00	112
2½	12,000	18	19	11½	100.00	185
3	23,000	20	20¾	11½	125.00	212

Larger size traps on application.

Paracoil Storage Water Heater

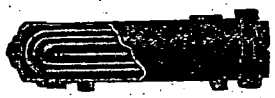
For heating and storing hot water for laundries, factories, hospitals, etc. The utilization of exhaust steam in this water heater effects a big fuel saving. Has steel plate shell for water and copper heating coils for steam. Pressures, 100 lb. standard and up. Sizes, 200 to 20,000 gallons per hour, heated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

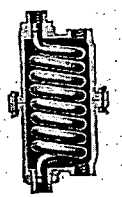
No.	Diameter In.	Length In.	Water Inlet and Outlet In.	Steam Inlet In.	Drain In.	Capacity Gal./Hr. 40–180° F. Steam Atmos.	W'ght Lb.
200	14½	34	2	2	1	200	250
300	14½	34	2	2	1	300	260
400	14½	47	2	3	1½	400	290
500	14½	47	2	3	1½	500	300
600	16½	50	3	4	1½	600	480
750	16½	50	3	4	1½	750	500
1000	16½	62	3	4	1½	1000	560
1250	16½	62	3	4	1½	1250	580
1500	19½	70	3	5	2	1500	962
1750	19½	75	3½	5	2	1750	1010
2000	19½	80	3½	6	2	2000	1083
2500	21½	81	3½	6	2	2500	1252
3000	21½	87	4	7	2½	3000	1301
4000	21½	99	4	8	2½	4000	1400
5000	21½	110	4	10	2½	5000	1481
7500	26	95	5	12	3	7500	1915
10000	26	108	5	14	3	10,000	2126
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

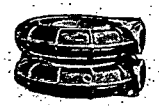
Size No.	Capacity, Gals. Below Water Level	Capacity, Gals. With Live Steam	Hot Water Radiation Sq. Ft.	Diam. In.	Length In.	Wght Lb.
1	350	650	260	7½	27½	90
2	700	1300	520	11½	40¾	220
3	1050	1900	780	14½	47	375
4	1350	2500	1000	16½	50	500

Larger sizes on application. Capacity rating, 100 deg. temperature rise in 3 hours (40 to 140 deg.). Capacity rating with live steam based on ½ lb. steam pressure.



Paracoil Indirect Resident Water Heater

Paracoil Fire Pot Type Water Heater

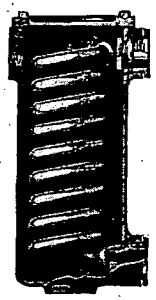


Paracoil Indirect Resident Heaters, connected below water line of steam or vapor boilers. Paracoil Fire Pot type (for use in connection with Paracoil Indirect) for hot air furnaces or hot water boilers. Write for capacity and dimension data.

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	13¼	13¼
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

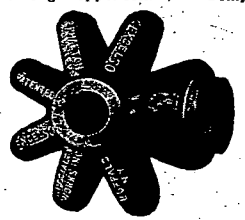
Size	Jr.	11	12	13	14	15	25	26	27	28	35	36
Tank Capacity	30	30	45	60	90	120	160	200	300	400	600	800

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.



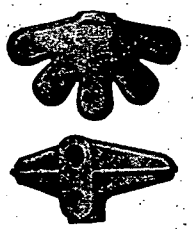


THE EXCELSO PHAETON HEATER

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 four sizes: 1 in., 1¼ in., 1½ in. and 2 in. Pipe Tap size.

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