

Excelso Products Corporation

65 Clyde Avenue, Buffalo, N. Y.

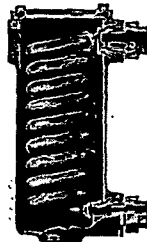
EXCELSCO INDIRECT WATER HEATERS

EXCELSCO Indirect Water Heaters are made in a wide range of sizes, and are capable of furnishing ample hot water for any type of building, at the lowest possible cost. They are easily connected to any type of steam or vapor boiler, on old or new installations.

The Heaters are constructed with cast iron shell and removable copper coil—the coil is installed by means of patented ground joint brass connections and all parts are interchangeable. Coils and shell are self-draining, therefore, sediment accumulation is controlled to a minimum.

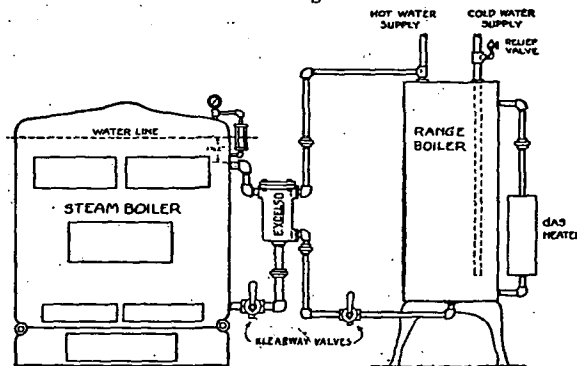
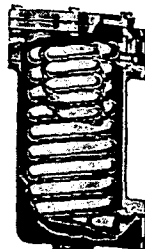
Water ways are large and heating surface is ample to easily carry the rated capacities of the heaters. All water being heated travels thru copper and brass.

EXCELSCO Heaters may be used singly or in batteries of two or more, either above or below the water line. They are compact and occupy very little space, the No. 46 for example having 2000 gallons capacity, measures overall, only 29 1/2 x 26 x 13 3/4 in.

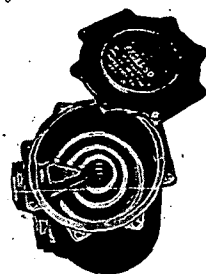


EXCELSCO Single Copper Coil Water Heaters—The single coil heater illustrated here is equipped with brass unions and is used extensively in residences. Simple to install. Made in six sizes from 30 to 140 gallons capacity.

EXCELSCO Double Copper Coil Water Heaters—These highly efficient heaters are installed in large residences, small apartments and mercantile buildings. Note the copper and brass water ways. Made in four sizes from 160 to 420 gallons.



Typical installation of an EXCELSCO Single Coil Heater. This is the type of hookup usually found in residences in connection with either square or round boilers and storage tanks. The Clearway Valves shown are made to facilitate cleaning the system of rust or sediment. The valve works two ways, it cleans first the heater and then the tank side of the installation. The circulation line cannot be left closed off, a good safety feature.



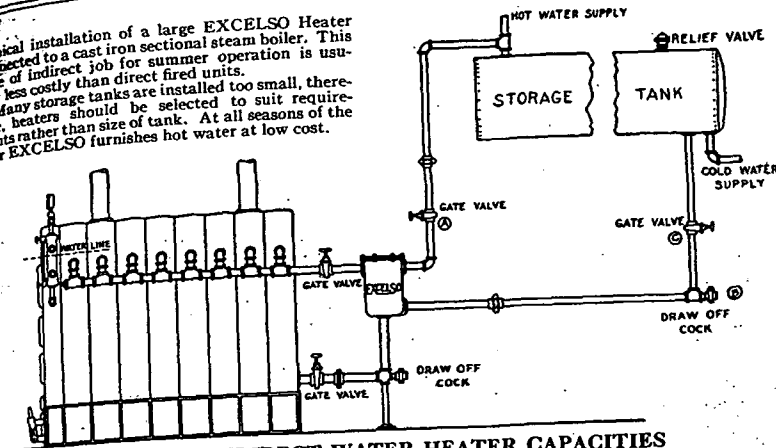
EXCELSCO Triple Copper Coil Water Heaters—Triple Coil Heaters are furnishing complete hot water service in office buildings, factories, apartments, etcetra. Three sizes 600 to 1000 gal. capacity.

EXCELSCO Dual Copper Coil Water Heaters—Large apartments, hotels and hospitals use Dual Coil Heaters for domestic hot water service. Three sizes 1200 to 2000 gal. capacity.



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Typical installation of a large EXCELSCO Heater connected to a cast iron sectional steam boiler. This type of indirect job for summer operation is usually less costly than direct fired units. Many storage tanks are installed too small, therefore, heaters should be selected to suit requirements rather than size of tank. At all seasons of the year EXCELSCO furnishes hot water at low cost.



EXCELSCO INDIRECT WATER HEATER CAPACITIES DIMENSIONS—PRICE LIST—CAPACITIES

DIMENSIONS—PRICE LIST—CAPACITIES																																					
		Single Coil								Double Coil								Triple Coil						Dual Coil													
Size of Heater		Jr.	11	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46																			
		8 1/2	10 1/2	11	11 1/2	12	13	14	15	16	17	18	19	20	21	22	23	24																			
Length	inches																																				
Width	inches	5	5	5	6 1/2	6 1/2	6 1/2	6 1/2	9	9	9	9	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4																			
Diameter	inches	1	1	1	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2	2	3	3	3	3	3	3																			
Shell openings	inches	1/4	1/4	1/4	1/2	1/2	1/2	1/2	1	1 1/2	1 1/2	1 1/2	1 1/2	2	2 1/2	2 1/2	2 1/2	2 1/2																			
Coil openings	inches	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1	1 1/2	1 1/2	1 1/2	1 1/2	2	2 1/2	2 1/2	2 1/2	2 1/2																			
Weight, crated	lbs.	12	14	19	30	38	43	50	65	70	90	100	120	150	180	210	230	240																			
List Price		\$12.50	\$30	\$40	\$50	\$60	\$70	\$80	\$120	\$150	\$180	\$210	\$230	\$240	\$250	\$260	\$270	\$280																			

SIZES—PRICES—CAPACITIES																																				
		Single Coil					Double Coil					Triple Coil					Dual Coil																			
Size of Heater		Jr.	11	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46																		
		8 1/2	10 1/2	11	11 1/2	12	13	14	15	16	17	18	19	20	21	22	23	24																		
Length	inches																																			
Width	inches	5	5	5	6 1/2	6 1/2	6 1/2	6 1/2	9	9	9	9	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4																		
Diameter	inches	1	1	1	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2	2	3	3	3	3	3	3																		
Shell openings	inches	1/4	1/4	1/4	1/2	1/2	1/2	1/2	1	1 1/2	1 1/2	1 1/2	1 1/2	2	2 1/2	2 1/2	2 1/2	2 1/2																		
Coil openings	inches	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1	1 1/2	1 1/2	1 1/2	1 1/2	2	2 1/2	2 1/2	2 1/2	2 1/2																		
Weight, crated	lbs.	12	14	19	30	38	43	50	65	70	90	100	120	150	180	210	230	240																		
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Heating Water Below Water Line of Steam or Vapor Boilers

Size of Heater	Jr.	11	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46
Gals. Tank Capacity	30	32	52	66	90	100	120	140	160	220	300	420	600	800	1000	1200	2000

Temperature rise 100 degrees in 3 hours.

Capacities on Hourly Basis Below Water Line

Size of Heater	Jr.	11	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46
Gals. Tank Capacity	10	10	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46

Temperature rise 100 degrees in 1 hour.

Heating Water With Live Steam

Size of Heater	Jr.	11	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46
Gals. Tank Capacity	45	50	75	100	150	200	220	250	300	450	600	900	1200	1500	1800	2400	3000

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

Capacities on Hourly Basis With Live Steam

Size of Heater	Jr.	11	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46
Gals. Tank Capacity	15	15	25	33	50	65	75	85	100	150	200	300	400	500	600	800	1000

Temperature rise 100 degrees in 1 hour.

Hot Water Radiator Heating Capacities

Size of Heater	Jr.	11	12	13	14	15	16	25	26	27	28	35	36	37	42	44	46
Radiator Capacity	45	45	67	90	135	180	210	240	300	450	600	900	1200	1500	1800	2400	3000

EXCELSCO Heaters are not limited to furnishing domestic hot water supply only, but are used to warm swimming pools, sprinkler tanks, auxiliary radiation and heat liquids in open vats or tanks.

EXCELSCO Grey Heaters equipped with special sulphur resisting coils for preheating heavy grades of fuel oil. Better combustion and economy of operation are available when heated oil is burned.

We are always pleased to furnish further information about EXCELSCO Products.