

The Whitlock Coil Pipe Company

Manufacturers and Engineers

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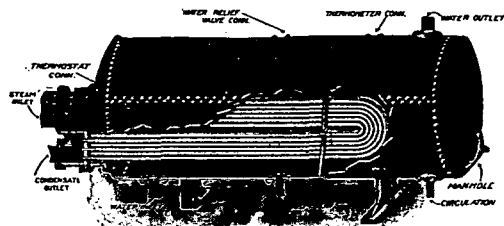
WHITLOCK
HEATING
PRODUCTS

New Orleans, La.
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Omaha, Neb.
Philadelphia, Pa.
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Portland, Ore.
Rochester, N. Y.
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Seattle, Wash.
St. Louis, Mo.
St. Paul, Minn.
Tacoma, Wash.
Troy, New York
Tulsa, Okla.

Darling Bros. Montreal, Manufacturers of Whitlock Heaters in Canada

See Telephone Directory for Local Address



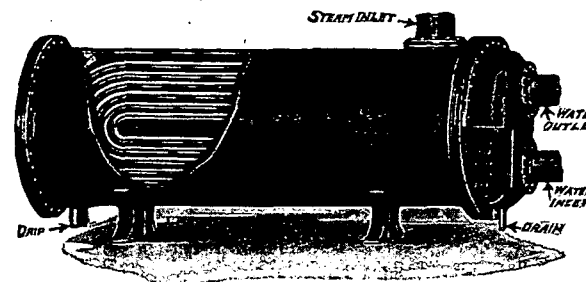
Whitlock type "K" storage heaters are manufactured in both horizontal and vertical types. The table shows sizes of the horizontal heaters only. We will gladly furnish dimensions of horizontal heaters and vertical heaters upon request. That this type of heater is of particularly sturdy construction is evidenced by the increasing number of prominent engineers and architects who are specifying their use in all types of buildings, including many of the largest and finest buildings constructed.

Whitlock Type K Storage Heaters, Horizontal

SHELLS							HEATING SECTIONS						
To be used with Type K Heating Section Shell Prices include Grd. Manhole 11"x15"							Capacity based on Heating from 40° to 180° with Steam at 0 lbs. pressure. For other tempera- tures and Steam Pressures see Bulletin No. 27						
Number	Gallons One Filling	Diam- eter of Shell	Length of Shell	Thick- ness of Shell	Thick- ness of Head	Weight of Shell	Number	Gallons per Hour	Maximum Size Steam Pipe Inches	Smallest Shell into which Section will Fit Inches	Weight of Entire Heating Section Lbs.		
1	65	18	60	1/4	3/8	400	H 0	100	2	18x 48	75		
2	80	18	72	1/4	3/8	450	H 1	150	2	18x 60	80		
3	118	24	60	1/4	3/8	600	H 2	200	2	18x 72	90		
4	141	24	72	1/4	3/8	700	H 3	250	3/2	18x 48	175		
5	164	24	84	1/4	3/8	800	H 4	300	3/2	18x 48	185		
6	185	30	60	1/4	3/8	750	H 5	350	3/2	18x 60	190		
7	220	30	72	1/4	3/8	850	H 6	400	3/2	18x 60	200		
8	255	30	84	1/4	3/8	950	H 7	500	3/2	18x 72	210		
9	290	30	96	1/4	3/8	1050	H 8	550	3/2	18x 72	215		
10	365	36	84	1/2	3/8	1300	H 9	600	3/2	18x 84	220		
11	420	36	96	1/2	3/8	1450	H10	700	5	24x 60	300		
12	475	36	108	1/2	3/8	1600	H11	800	3/2	18x 96	260		
13	525	36	120	1/2	3/8	1800	H12	900	3/2	18x108	270		
14	575	42	96	1/2	3/8	1850	H13	1000	3/2	18x120	285		
15	720	42	120	1/2	3/8	2150	H14	1250	5	24x 84	370		
16	860	42	144	1/2	3/8	2500	H15	1500	5	24x108	425		
17	1000	42	168	1/2	3/8	2900	H16	1750	5	24x120	450		
18	950	48	120	3/8	1/2	2850	H17	2000	6	30x 96	570		
19	1140	48	144	3/8	1/2	3250	H18	2400	6	30x120	620		
20	1310	48	168	3/8	1/2	3700	H19	2800	6	30x132	670		
21	1480	48	192	3/8	1/2	4100	H20	3200	8	36x 96	860		
22	1190	54	120	3/8	1/2	3250	H21	3600	8	36x108	920		
23	1430	54	144	3/8	1/2	3700	H22	4000	8	36x120	950		
24	1670	54	168	3/8	1/2	4200	H23	4400	8	36x132	1020		
25	1900	54	192	3/8	1/2	4700	H24	4800	10	36x 96	1200		
26	1420	60	120	3/8	1/2	4300	H25	5400	10	36x108	1300		
27	1710	60	144	3/8	1/2	4900	H26	6000	10	36x120	1380		
28	2000	60	168	3/8	1/2	5600	H27	7000	12	42x 96	1950		
29	2300	60	192	3/8	1/2	6200	H28	8000	12	42x 96	2000		
30	2460	72	144	3/8	1/2	5700	H29	9000	12	42x108	2300		
31	2880	72	168	3/8	1/2	6400	H30	10000	12	42x108	2460		

DIRECTIONS FOR USE—Select the size storage you require and combine its designating number with the number which designates the desired hourly output. Assuming a required storage of 1000 gallons (No. 17 shell 42 x 168) and a required hourly output of 1750 gallons (No. H16 Heating unit) you would specify a Whitlock Type K, No. 17H16.

WHITLOCK TYPE R INSTANTANEOUS HEATERS



This type of heater is used extensively as an instantaneous heater in connection with a separate storage tank, as a swimming pool heater, as a hot water convertor for use with a heating system as well as for various special conditions.

Standard sizes of the 2 and 4 pass heaters are shown in the table. Dimensions on multi-pass heater will be furnished on request.

Standard Sizes, Capacities, Dimensions and Weights

Size No.	2 PASS, TEMP. RANGE: 40° F. to 80° F.						4 PASS, TEMP. RANGE 40° F. to 120° F.					
	Capacity Gallons per Hour	Over-all Length	Diam- eter of Shell	Size Water Connections	Size Steam Connections	Weight	Capacity Gallons per Hour	Over-all Length	Diam- eter of Shell	Size Water Connections	Size Steam Connections	Weight
0	150	113 1/2	7	3/4	1 1/4	80	80	113 1/2	7	3/4	1	80
1	350	145 1/2	7	1 1/4	1 1/2	90	150	165 1/2	7	1 1/4	1 1/4	100
2	650	195 1/2	7	1 1/2	1 1/2	110	300	215 1/2	7	1	2	115
3	1100	235 1/2	7	2	2	130	480	265 1/2	7	1	2	135
4	1600	295 1/2	7	2	2 1/2	145	650	315 1/2	7	1 1/4	2 1/2	150
5	1900	345 1/2	7	2	3	170	800	385 1/2	7	1 1/4	2 1/2	170
6	2550	245 1/2	9 1/2	2 1/2	3	240	960	245 1/2	9 1/2	1 1/2	3	220
7	3200	305 1/2	9 1/2	2 1/2	3 1/2	270	1350	305 1/2	9 1/2	2	3	270
8	3800	355 1/2	9 1/2	2 1/2	4	300	1600	355 1/2	9 1/2	2	3 1/2	300
9	5100	435 1/2	9 1/2	3	5	360	2100	435 1/2	9 1/2	2	4	350
10	6350	555 1/2	9 1/2	3	5	420	2600	555 1/2	9 1/2	2 1/2	5	420
11	7950	45	12	4	6	610	3300	52	12	2 1/2	5	620
12	9550	52	12	4	6	670	4000	61	12	3	6	700
13	12700	67	12	4	8	810	5300	79	12	3	6	860
14	15900	517 1/2	15	5	8	930	6600	555 1/2	15	3 1/2	8	1070
15	19100	597 1/2	15	5	8	1040	8000	655 1/2	15	4	8	1070
16	25600	59	17	6	10	1320	10500	71	17	5	10	1390
17	31700	71	17	6	10	1510	13300	83	17	5	10	1580
18	38200	617 1/2	20	8	12	1940	16000	727 1/2	20	5	10	2020
18 1/2	44400	707 1/2	20	8	12	2100	18500	827 1/2	20	5	12	2230
19	50700	787 1/2	20	8	12	2300	21000	927 1/2	20	6	12	2430
19 1/2	57100	595 1/2	26	10	14	2870	24000	625 1/2	26	6	12	2800
20	63450	645 1/2	26	10	14	3020	26700	675 1/2	26	6	12	3000
21	79300	765 1/2	26	10	16	3500	33300	825 1/2	26	6	14	3480
22	95100	66	30	12	18	4250	40000	73	30	8	14	4015
23	126900	83	30	12	20	4780	53300	92	30	8	16	4600
24	158400	88	36	14	24	6550	66700	83	36	10	20	6100
25	191000	89	36	14	24	7060	80000	95	36	10	22	6900

Sizes 0 to 10 inclusive, have 3/4" O. D. No. 18 B. W. G. Copper Tubes.
Remainder have 1" O. D. No. 17 B. W. G. Copper Tubes.

Sizes 0 to 10 inclusive, have 3/4" O. D. No. 18 B. W. G. Copper Tubes.
Remainder have 1" O. D. No. 17 B. W. G. Copper Tubes.

Whitlock Heat Transfer Products include the following types of apparatus in addition to the Storage and Instantaneous Heaters shown above: Feed Water Heaters; Heat Exchangers; Fuel Oil Heaters; Superheaters; Condensers and Coolers for all kinds of liquids; Also pipe coils of any kind of pipe or tubing and Air and Ammonia Receivers.

Additional information and quotations covering any of this apparatus will be gladly furnished upon request.