

The Whitlock Coil Pipe Company

Manufacturers and Engineers

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Houston, Tex.
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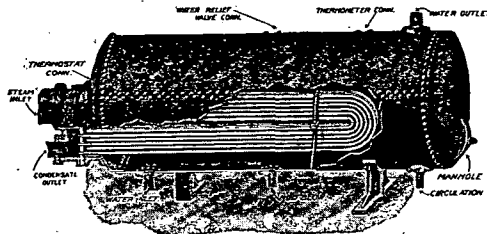
WHITLOCK
HEAT TRANSFER
PRODUCTS

Memphis, Tenn.
New Orleans, La.
New York, N. Y.
Omaha, Neb.
Philadelphia, Pa.
Pittsburgh, Pa.
Portland, Ore.
Rochester, N. Y.

San Antonio, Tex.
San Francisco, Calif.
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



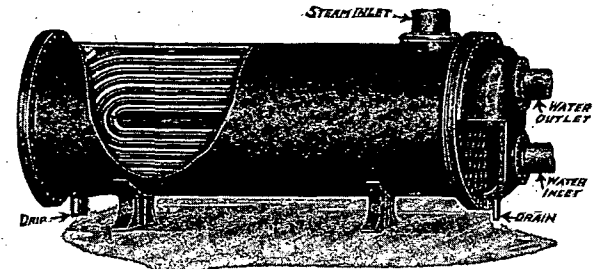
Whitlock type "K" storage heaters are manufactured in both horizontal and vertical types. The table shows sizes of the horizontal heaters only. We will gladly furnish dimensions of horizontal heaters and vertical heaters upon request. That this type of heater is of particularly sturdy construction is 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							Capacity based on Heating from 40° to 180° with				
Shell Prices include Cradle. Manhole 11"x15"							Steam at 0 lbs. pressure. For other temperatures and Steam Pressures see Bulletin No. 27				
Number	Gallons One Filling	Diameter of Shell	Length of Shell	Thickness of Shell	Thickness of Head	Weight of Shell	Number	Gallons per Hour	Maximum 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	H 10	700	5	24x 60	300
12	475	36	108	1/2	3/8	1600	H 11	800	3/2	18x 96	260
13	525	36	120	1/2	3/8	1800	H 12	900	3/2	18x 108	270
14	575	42	96	1/2	3/8	1850	H 13	1000	3/2	18x 120	285
15	720	42	120	1/2	3/8	2150	H 14	1250	5	24x 84	370
16	860	42	144	1/2	3/8	2500	H 15	1500	5	24x 108	425
17	1000	42	168	1/2	3/8	2900	H 16	1750	5	24x 120	450
18	950	48	120	1/2	3/8	2850	H 17	2000	6	30x 96	570
19	1140	48	144	1/2	3/8	3250	H 18	2400	6	30x 120	620
20	1310	48	168	1/2	3/8	3700	H 19	2800	6	30x 132	670
21	1480	48	192	1/2	3/8	4100	H 20	3200	8	36x 96	860
22	1190	54	120	1/2	3/8	3250	H 21	3600	8	36x 108	920
23	1430	54	144	1/2	3/8	3700	H 22	4000	8	36x 120	950
24	1670	54	168	1/2	3/8	4200	H 23	4400	10	36x 132	1020
25	1900	54	192	1/2	3/8	4700	H 24	4800	10	36x 108	1300
26	1420	60	120	1/2	3/8	4300	H 25	5400	10	36x 120	1380
27	1710	60	144	1/2	3/8	4900	H 26	6000	10	42x 96	1950
28	2000	60	168	1/2	3/8	5600	H 27	7000	12	42x 96	2000
29	2300	60	192	1/2	3/8	6200	H 28	8000	12	42x 108	2300
30	2600	72	144	1/2	3/8	5700	H 29	9000	12	42x 108	2460
31	2880	72	168	1/2	3/8	6400	H 30	10000	12	42x 108	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 converter 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

2 PASS, TEMP. RANGE, 40° F. to 80° F.							4 PASS TEMP. RANGE 40° F. to 120° F.						
Size No.	Capacity Gallons per Hour	Over-all Length	Diameter of Shell	Size Water Connections	Size Steam Connections	Weight	Capacity Gallons per Hour	Over-all Length	Diameter of Shell	Size Water Connections	Size Steam Connections	Weight	
0	150	113 1/8	7	3/4	1 1/4	80	80	113 1/8	7	3/4	1 1/4	80	
1	350	145 1/8	7	1 1/4	1 1/2	90	150	165 1/8	7	3/4	1 1/4	100	
2	650	195 1/8	7	1 1/2	1 1/2	110	300	215 1/8	7	1	2	115	
3	1100	235 1/8	7	2	2	130	480	265 1/8	7	1	2	135	
4	1600	295 1/8	7	2	2 1/2	145	650	315 1/8	7	1 1/4	2 1/2	150	
5	1900	345 1/8	7	2	3	170	800	365 1/8	7	1 1/4	2 1/2	170	
6	2550	245 1/8	9 1/2	2 1/2	3	240	960	245 1/8	9 1/2	1 1/2	3	220	
7	3200	305 1/8	9 1/2	2 1/2	3 1/2	270	1350	305 1/8	9 1/2	2	3	270	
8	3800	355 1/8	9 1/2	2 1/2	4	300	1600	355 1/8	9 1/2	2	3 1/2	300	
9	5100	435 1/8	9 1/2	3	5	360	2100	435 1/8	9 1/2	2	4	350	
10	6350	555 1/8	9 1/2	3	5	420	2600	555 1/8	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 1/8	15	5	8	930	6600	557 1/8	15	3 1/2	8	940	
15	19100	597 1/8	15	5	8	1040	8000	657 1/8	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 1/8	20	8	12	1940	16000	727 1/8	20	5	10	2020	
18 1/2	44400	707 1/8	20	8	12	2100	18500	827 1/8	20	5	12	2230	
19	50700	787 1/8	20	8	12	2300	21000	927 1/8	20	6	12	2430	
19 1/2	57100	595 1/8	26	10	14	2870	24000	625 1/8	26	6	12	2800	
20	63450	645 1/8	26	10	14	3020	26700	675 1/8	26	6	12	3000	
21	79300	765 1/8	26	10	16	3500	33300	825 1/8	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	78	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.						
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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.