

The Whitlock Coil Pipe Company

Manufacturers and Engineers

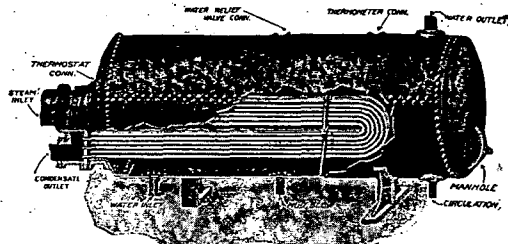
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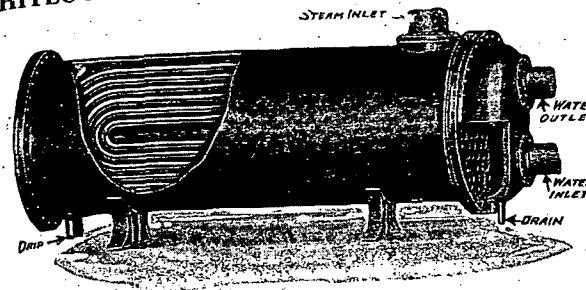
Whitlock type "K" storage heaters are manufactured in both horizontal and vertical types. The table shows sizes of the horizontal heaters only. We will gladly furnish dimensions of horizontal heaters and vertical heaters upon request. That this type of heater is of particularly sturdy construction is 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 Gradiel. 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 Size Steam Pipe Inches	Smallest Shell into which Section will Fit Inches	Weight of 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 1/2	18x 48	175		
5	164	24	84	1/4	3/8	800	H 4	300	3 1/2	18x 48	185		
6	185	30	60	1/4	3/8	750	H 5	350	3 1/2	18x 60	190		
7	220	30	72	1/4	3/8	850	H 6	400	3 1/2	18x 60	200		
8	255	30	84	1/4	3/8	950	H 7	500	3 1/2	18x 72	210		
9	290	30	96	1/4	3/8	1050	H 8	550	3 1/2	18x 72	215		
10	365	36	84	3/8	1/2	1300	H 9	600	3 1/2	18x 84	220		
11	420	36	96	3/8	1/2	1450	H 10	700	3 1/2	18x 96	230		
12	475	36	108	3/8	1/2	1600	H 11	800	3 1/2	18x 108	270		
13	525	36	120	3/8	1/2	1800	H 12	900	3 1/2	18x 108	270		
14	575	42	96	3/8	1/2	1850	H 13	1000	3 1/2	24x 108	285		
15	720	42	120	3/8	1/2	2150	H 14	1250	5	24x 84	370		
16	860	42	144	3/8	1/2	2500	H 15	1500	5	24x 108	425		
17	1000	42	168	3/8	1/2	2900	H 16	1750	5	24x 120	450		
18	950	48	120	3/8	1/2	2850	H 17	2000	6	30x 96	570		
19	1140	48	144	3/8	1/2	3250	H 18	2400	6	30x 120	620		
20	1310	48	168	3/8	1/2	3700	H 19	2800	6	30x 132	670		
21	1480	48	192	3/8	1/2	4100	H 20	3200	8	36x 96	860		
22	1190	54	120	3/8	1/2	3250	H 21	3600	8	36x 108	920		
23	1430	54	144	3/8	1/2	3700	H 22	4000	8	36x 120	950		
24	1670	54	168	3/8	1/2	4200	H 23	4400	8	36x 132	1020		
25	1900	54	192	3/8	1/2	4700	H 24	4800	10	36x 96	1200		
26	1420	60	120	3/8	1/2	4300	H 25	5400	10	36x 108	1380		
27	1710	60	144	3/8	1/2	4900	H 26	6000	10	36x 120	1500		
28	2000	60	168	3/8	1/2	5600	H 27	7000	12	42x 96	2000		
29	2300	60	192	3/8	1/2	6200	H 28	8000	12	42x 108	2300		
30	2460	72	144	3/8	1/2	5700	H 29	9000	12	42x 108	2460		
31	2880	72	168	3/8	1/2	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

MULTI PASS, TEMP. RANGE 40° F. to 180° 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	25	15 1/2	7	3/4	1 1/4	90	80	11 1/2	7	3/4	1 1/4	80	
1	60	26 1/2	7	3/4	1 1/2	125	150	16 1/2	7	3/4	2	100	
2	150	37 1/2	7	3/4	1 1/2	160	300	21 1/2	7	1	2	115	
3	200	39 1/2	9 1/2	1	2	280	480	26 1/2	7	1 1/4	2 1/2	135	
4	250	48 1/2	9 1/2	1	2	325	650	31 1/2	7	1 1/4	2 1/2	150	
5	300	51 1/2	9 1/2	1 1/4	2 1/2	300	800	38 1/2	9 1/2	1 1/2	3	170	
6	400	60 1/2	9 1/2	1 1/4	3	325	960	44 1/2	9 1/2	2	3	220	
7	500	63 1/2	9 1/2	1 1/4	3 1/2	350	1350	50 1/2	9 1/2	2	3 1/2	270	
8	600	68 1/2	12	1 1/2	3 1/2	575	2100	63 1/2	9 1/2	2 1/2	4	300	
9	800	52	12	1 1/2	4	645	2600	65 1/2	12	2 1/2	5	420	
10	1000	61	12	1 1/2	4	760	3300	52	12	3	6	620	
11	1250	74	15	2	5	870	4000	61	12	3 1/2	6	700	
12	1500	59 1/2	15	2	5	1020	5300	79	15	4	8	860	
13	2000	72 1/2	15	2	5	1035	6600	55 1/2	15	5	10	940	
14	2500	59	17	2 1/2	6	1175	8000	65 1/2	15	5	8	1070	
15	3000	71	17	2 1/2	8	1420	10500	71	17	5	10	1580	
16	4000	89	17	2 1/2	8	1910	13300	83	20	5	10	2020	
17	5000	74 1/2	20	3	10	2185	16000	72 1/2	20	5	12	2230	
18	6000	88 1/2	20	3	10	2475	18500	82 1/2	20	6	12	2430	
19	7000	101 1/2	26	4	10	2800	21000	92 1/2	20	6	12	2800	
20	8000	64 1/2	26	4	10	3000	24000	62 1/2	26	6	12	3000	
21	9000	71 1/2	26	4	12	3220	26700	67 1/2	26	6	14	3480	
22	10000	78 1/2	26	4	12	3725	33300	82 1/2	30	8	14	4015	
23	12500	94 1/2	30	5	14	4125	40000	92	30	8	16	4600	
24	15000	89	30	5	16	4860	53300	83	36	10	20	6100	
25	20000	113	30	6	18	6350	66700	95	36	10	22	6900	
26	25000	96	36	6	20	7175	80000						
27	30000	112	36	6	20								

Sizes 0 to 8 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.