

The Whitlock Coil Pipe Company

Manufacturers and Engineers

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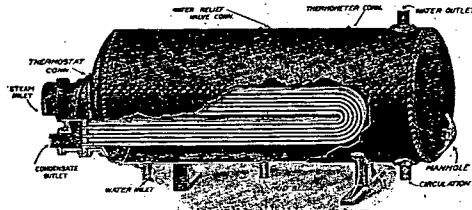
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WHITLOCK HEAT TRANSFER PRODUCTS

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St. Louis, Mo.
St. Paul, Minn.
Tacoma, Wash.
Toledo, O.
Troy, New York
Tulsa, Okla.

Darling Bros. Montreal, Manufacturers of Whitlock Heaters in Canada

See Telephone Directory for Local Address



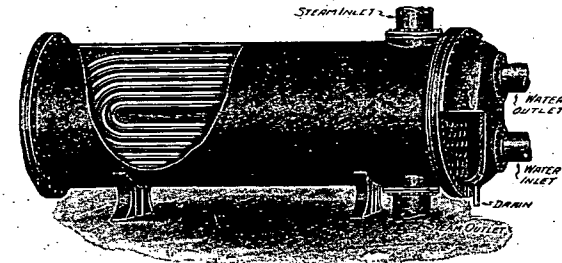
Whitlock type "K" storage heaters are manufactured in both horizontal and vertical types. The table shows sizes of the horizontal heaters only. We will gladly furnish dimensions of horizontal heaters and vertical heaters upon request. That this type of heater is of particularly sturdy construction is 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 Cradle. 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 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	30	60	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	H10	700	5	24x 60	300
12	475	36	108	3/8	1/2	1600	H11	800	3 1/2	18x 96	260
13	525	36	120	3/8	1/2	1800	H12	900	3 1/2	18x108	270
14	575	42	96	3/8	1/2	1850	H13	1000	3 1/2	18x120	285
15	720	42	120	3/8	1/2	2150	H14	1250	5	24x 84	370
16	860	42	144	3/8	1/2	2500	H15	1500	5	24x108	425
17	1000	42	168	3/8	1/2	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 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

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 Con- nections	Size Steam Con- nections	Weight	Capacity Gallons per Hour	Over-all Length	Diam- eter of Shell	Size Water Con- nections	Size Steam Con- nections	Weight
0	150	11 1/2	7	3/4	1 1/4	70	80	11 1/2	7	3/4	1	70
1	350	14 1/2	7	1 1/4	1 1/2	80	150	16 1/2	7	1 1/4	1 1/4	85
2	650	19 1/2	7	1 1/2	1 1/2	100	300	21 1/2	7	1	2	115
3	1100	23 1/2	7	2	2	110	480	26 1/2	7	1	2 1/2	130
4	1600	29 1/2	7	2	2 1/2	125	650	31 1/2	7	1 1/4	2 1/2	150
5	1900	34 1/2	7	2	3	160	800	38 1/2	7	1 1/4	3	190
6	2550	24 1/2	9 1/2	2 1/2	3	210	960	24 1/2	9 1/2	1 1/2	3	230
7	3200	30 1/2	9 1/2	2 1/2	3 1/2	240	1350	30 1/2	9 1/2	2	3	255
8	3800	35 1/2	9 1/2	2 1/2	4	300	1600	35 1/2	9 1/2	2	3 1/2	300
9	5100	43 1/2	9 1/2	3	5	320	2100	43 1/2	9 1/2	2	4	370
10	6350	55 1/2	9 1/2	3	5	380	2600	55 1/2	9 1/2	2 1/2	5	555
11	7950	45	12	4	6	565	3300	52	12	2 1/2	5	625
12	9550	52	12	4	6	625	4000	61	12	3	6	775
13	12700	67	12	4	8	760	5300	79	12	3	6	790
14	15900	51 1/2	15	5	8	810	6600	55 1/2	15	3 1/2	8	885
15	19100	59 1/2	15	5	8	900	8000	65 1/2	15	4	8	1250
16	25600	59	17	6	10	1240	10500	71	17	5	10	1420
17	31700	71	17	6	10	1390	13300	83	17	5	10	1800
18	38200	61 1/2	20	8	12	1800	16000	72 1/2	20	5	12	2165
18 1/2	44400	70 1/2	20	8	12	1940	18500	82 1/2	20	5	12	2625
19	50700	78 1/2	20	8	12	2100	21000	92 1/2	20	6	12	2820
19 1/2	57100	59 1/2	26	10	14	2660	24000	62 1/2	26	6	12	3285
20	63450	64 1/2	26	10	14	2860	26700	67 1/2	26	6	12	3960
21	79300	76 1/2	26	10	16	3300	33300	82 1/2	26	6	14	4600
22	95100	66	30	12	18	4250	40000	73	30	8	14	5980
23	126900	83	30	12	20	4980	53300	92	30	8	16	6820
24	158400	78	36	14	24	6550	66700	83	36	10	20	
25	191000	89	36	14	24	7060	80000	95	36	10	22	

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 list prices concerning any of this apparatus will be gladly furnished upon request.