

The Whitlock Coil Pipe Company

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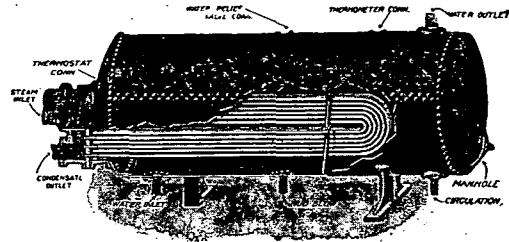
WHITLOCK

SERVICE WATER

HEATERS

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Manufacturers of and Sales Agents for Whitlock Heaters in Canada—DARLING BROS., LTD., 120 Prince St., Montreal
 See Telephone Directory for Local Address



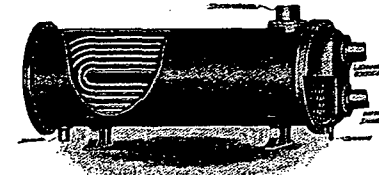
Whitlock type "K" storage heaters are manufactured in both horizontal and vertical types. The table shows sizes of the horizontal heaters only. We will gladly furnish dimensions of horizontal heaters and vertical heaters upon request. That this type of heater is of particularly sturdy construction is 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 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 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	5/8	1/2	1300	H 9	600	3 1/2	18x 84	220
11	420	36	96	5/8	1/2	1450	H 10	700	5	24x 60	300
12	475	36	108	5/8	1/2	1600	H 11	800	3 1/2	18x 96	260
13	525	36	120	5/8	1/2	1800	H 12	900	3 1/2	18x 108	270
14	575	42	96	5/8	1/2	1850	H 13	1000	3 1/2	18x 120	285
15	720	42	120	5/8	1/2	2150	H 14	1250	5	24x 84	370
16	860	42	144	5/8	1/2	2500	H 15	1500	5	24x 108	425
17	1000	42	168	5/8	1/2	2900	H 16	1750	5	24x 120	450
18	950	48	120	3/4	1/2	2850	H 17	2000	6	30x 96	570
19	1140	48	144	3/4	1/2	3250	H 18	2400	6	30x 120	620
20	1310	48	168	3/4	1/2	3700	H 19	2800	6	30x 132	670
21	1480	48	192	3/4	1/2	4100	H 20	3200	8	36x 96	860
22	1190	54	120	3/4	1/2	3250	H 21	3600	8	36x 108	920
23	1430	54	144	3/4	1/2	3700	H 22	4000	8	36x 120	950
24	1670	54	168	3/4	1/2	4200	H 23	4400	8	36x 132	1020
25	1900	54	192	3/4	1/2	4700	H 24	4800	10	36x 96	1200
26	1420	60	120	3/4	1/2	4300	H 25	5400	10	36x 108	1300
27	1710	60	144	3/4	1/2	4900	H 26	6000	10	36x 120	1380
28	2000	60	168	3/4	1/2	5600	H 27	7000	12	42x 96	1950
29	2300	60	192	3/4	1/2	6200	H 28	8000	12	42x 96	2000
30	2460	72	144	3/4	1/2	5700	H 29	9000	12	42x 108	2300
31	2880	72	168	3/4	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 convertor for use with a heating system, as well as for various special conditions.

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

Standard Sizes, Capacities, Dimensions and Weights

Size No.	MULTI PASS, TEMP. RANGE 40° F. to 180° 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	25	15 1/2	7	3/4	1	90	80	11 1/2	7	3/4	1	80
1	60	26 1/2	7	3/4	1 1/4	125	150	16 1/2	7	3/4	1 1/4	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	1 1/2	280	480	26 1/2	7	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	31 1/2	9 1/2	1	2	250	800	38 1/2	7	1 1/4	2 1/2	170
6	400	40 1/2	9 1/2	1 1/4	2 1/2	300	960	24 1/2	9 1/2	1 1/2	3	220
7	500	43 1/2	9 1/2	1 1/4	3	325	1350	30 1/2	9 1/2	2	3	270
8	600	48 1/2	9 1/2	1 1/4	3	350	1600	35 1/2	9 1/2	2	3 1/2	300
9	800	52	12	1 1/2	3 1/2	575	2100	43 1/2	9 1/2	2	4	350
10	1000	61	12	1 1/2	3 1/2	645	2600	55 1/2	9 1/2	2 1/2	5	420
11	1250	74	12	1 1/2	4	760	3300	52	12	2 1/2	5	620
12	1500	99 1/2	15	2	5	1020	5300	79	12	3	6	700
13	2000	72 1/2	15	2	5	1035	6600	55 1/2	15	3 1/2	8	940
14	2500	59	17	2 1/2	6	1175	8000	65 1/2	15	4	8	1070
15	3000	71	17	2 1/2	8	1420	10500	71	17	5	10	1390
16	4000	89	20	3	8	1910	13300	83	17	5	10	1580
17	5000	74 1/2	20	3	10	2185	16000	72 1/2	20	5	10	2020
18	6000	88 1/2	20	3	10	2475	18500	82 1/2	20	5	12	2230
19 1/2	7000	101 1/2	20	3	10	2800	21000	92 1/2	20	6	12	2430
19	8000	64 1/2	26	4	10	3000	24000	62 1/2	26	6	12	2800
19 1/2	9000	71 1/2	26	4	10	3220	26700	67 1/2	26	6	12	3000
20	10000	78 1/2	26	4	12	3725	33300	82 1/2	26	6	14	3480
21	12500	94 1/2	26	4	12	4125	40000	73	30	8	14	4015
22	15000	89	30	5	14	4860	53300	92	30	8	16	4600
23	20000	113	30	6	16	6350	66700	83	36	10	20	6100
24	25000	96	36	6	18	7175	80000	95	36	10	22	6900
25	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 Equipment includes 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.

BULLETINS Nos. 25 and 40, issued during 1931, and therefore up-to-date, covering Type R and Type K heaters respectively, will be sent on request.

They contain many useful tables, such as the "Hot Water Fixture Capacity Table", tables on the rating of "Hot Water Convertors", and so forth.

Several other bulletins, covering other types of Whitlock Heaters and Heat Exchangers, have been issued recently. A complete set will be a worth while addition to your file of engineering data.