PLAINTIFF'S EXHIBIT

ASI-769

Tubes: Size, Length and Number
Kewanee Firebox Boilers —

Portable and Brickset
Riveted and Welded
Down-Draft and Up-Draft

Kewanee Firebox Boiler Riveted Single-Pass Up-Draft Brickset or Portable Type K

Boiler	TUBES No. Dia. Length
0	12–3" x 4' 6"
1	17–3" x 4' 1"
2	17–3" x 4' 8"
3	17–3" x 5' 2"
4	28–3" x 4' 8"
5	28–3" x 5' 8"
6	28–3" x 6' 8"
8	39–3" x 6' 2"
9	39–3" x 7' 2"
10	46–3" x 6' 8"
11	46–3" x 7' 8"
12	46–3" x 8' 8"
13	39–4" x 9' 1"
14	39–4" x 11' 1"
15	48–4" x 10' 1⅛"
16	48–4" x 12' 1⅛"
17	62–4" x 10' 7⅛"
18	62–4" x 12' 1⅛"
19	82–4" x 10' 1⅛"
20	82–4" x 11' 7⅛"

Not for Boilers Built before 1918.

Kewanee Firebox Boiler Riveted Single-Pass Smokeless Down-Draft Brickset or Portable Type K

Boiler	TUBES No. Dia. Length
104	28–3" x 4' 8"
105	28–3" x 5' 8"
106	28–3" x 6' 8"
107	39–3" x 5' 2"
108	39–3" x 6' 2"
109	39–3" x 7' 2"
110	46–3" x 6' 8"
111	46–3" x 7' 8"
112	46–3" x 8' 8"
113	39–4" x 9' 1"
114	39–4" x 11' 1"
115	48–4" x 10' 1⅛"
116	48–4" x 12' 1⅛"
117	62–4" x 10' 7⅛"
118	62–4" x 12' 1⅛"
119	82–4" x 10' 1⅛"
120	82–4" x 11' 7⅛"

Not for Boilers Built before 1918.

Kewanee Firebox Boiler Riveted Double-Pass Smokeless Down-Draft

Boiler	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
307	29–3" x 2' 9"	28–3" x 7' 6"
308	29–3" x 3' 7"	28–3" x 8'10⅛"
309	29–3" x 4' 1"	28–3" x 9'10⅛"
310	38–3" x 3' 1"	36–3" x 9' 4¼"
311	38–3" x 3' 7"	36–3" x 10' 4¼"
312	38–3" x 4' 1"	36–3" x 11' 4¼"
313	28–4" x 4' 7⅛"	28–4" x 11' 4⅜"
314	28–4" x 5' 1⅛"	28–4" x 12' 4⅜"
315	28–4" x 5'10⅛"	28–4" x 13' 8"
316	28–4" x 6' 4"	28–4" x 14' 8"
317	38–4" x 6' 2⅛"	34–4" x 14' 0"
318	38–4" x 7' 8"	34–4" x 16' 0"
319	46–4" x 6' 4⅛"	46–4" x 14' 8"
320	46–4" x 7' 2⅛"	46–4" x 16' 0"
321	55–4" x 7' 1⅛"	50–4" x 15'11"
322	55–4" x 7' 7"	50–4" x 16'11"
323	68–4" x 8' 2"	66–4" x 18' 0"
324	68–4" x 11' 8"	66–4" x 22' 0"

Not for Boilers Built before 1918.

Kewanee Firebox Boiler Riveted Double-Pass Up-Draft

Boiler	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
407	29–3" x 3' 7"	28–3" x 7' 0⅛"
408	29–3" x 4' 0"	28–3" x 7'11"
409	29–3" x 5' 1"	28–3" x 9' 6⅛"
410	38–3" x 4' 6"	36–3" x 8' 5¼"
411	38–3" x 5' 1"	36–3" x 9' 6¼"
412	38–3" x 5' 7"	36–3" x 10' 6¼"
413	28–4" x 5'11⅛"	28–4" x 10'10⅜"
414	28–4" x 6' 7⅛"	28–4" x 12' 0⅜"
415	28–4" x 7' 9⅛"	28–4" x 12' 9"
416	28–4" x 9' 1⅛"	28–4" x 14' 7"
417	38–4" x 8' 6"	34–4" x 14' 0"
418	38–4" x 9' 7"	34–4" x 15' 7"
419	46–4" x 8' 0⅛"	46–4" x 14' 0"
420	46–4" x 9' 1⅛"	46–4" x 15' 7"
421	55–4" x 9' 6⅛"	50–4" x 16' 0"
422	55–4" x 11' 0⅛"	50–4" x 18' 0"
423	68–4" x 11' 0"	66–4" x 18' 0"
424	68–4" x 12' 6"	66–4" x 20' 0"

Not for Boilers Built before 1918.

Kewanee Firebox Boiler Riveted Double-Pass "500" Series Up-Draft

Boiler	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
524	38–3" x 6' 6⅝"	36–3" x 12' 0"
526	28–4" x 5' 5⅛"	52–3" x 10'10⅜"
528	28–4" x 6' 1⅛"	52–3" x 12' 0⅜"
530	34–4" x 7' 3⅛"	52–3" x 12' 9"
532	34–4" x 8' 1⅛"	52–3" x 14' 7"
534	43–4" x 7' 6⅛"	66–3" x 14' 0"
536	43–4" x 8' 7⅛"	66–3" x 15' 7"
538	49–4" x 7' 0⅛"	82–3" x 14' 0"
540	49–4" x 8' 1⅛"	82–3" x 15' 7"
542	55–4" x 8' 6⅛"	100–3" x 15' 6"
544	55–4" x 9'11⅛"	100–3" x 17' 5"

Kewanee Firebox Boiler Riveted Double-Pass "800" Series Up-Draft

Boiler	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
832	46–3" x 3'10¾"	46–3" x 9'10"
833	46–3" x 4' 4¾"	46–3" x 10'10"
834	58–3" x 3' 9⅜"	58–3" x 9' 2⅝"
835	58–3" x 4' 6⅛"	58–3" x 10' 5⅝"
836	66–3" x 5' 0"	66–3" x 11' 0"
837	66–3" x 5' 9"	66–3" x 12' 3"
838	85–3" x 4' 9"	83–3" x 11' 3"
839	85–3" x 5' 6"	83–3" x 12' 6"
840	104–3" x 5' 0"	103–3" x 12' 0"
841	104–3" x 6' 3"	103–3" x 13' 9"
842	121–3" x 7' 3"	120–3" x 14' 9"
843	121–3" x 8' 8"	120–3" x 16' 8"

"900" Series Down-Draft

Boiler	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
932	46–3" x 3' 3¾"	46–3" x 10' 1"
933	46–3" x 3' 8¼"	46–3" x 10'11½"
934	58–3" x 2'10⅜"	58–3" x 10' 1⅝"
935	58–3" x 3' 1⅜"	58–3" x 10'10⅝"
936	66–3" x 3' 7⅛"	66–3" x 11' 4⅞"
937	66–3" x 4'10⅛"	66–3" x 13' 1⅞"
938	85–3" x 3'10"	83–3" x 12' 2"
939	85–3" x 4' 2⅛"	83–3" x 13' 0"
940	104–3" x 3' 7"	103–3" x 12' 4⅞"
941	104–3" x 3' 8⅛"	103–3" x 13' 0"
942	121–3" x 4'10⅛"	120–3" x 14' 8"
943	121–3" x 7' 5¾"	120–3" x 17' 9⅝"

NOTE: WHEN ORDERING TUBES GIVE DATE OF BOILER OR SERIES NUMBER, AND CHECK ACTUAL LENGTHS AND NUMBER IN EACH TUBE NEST.

LENGTHS IN THESE TABLES INCLUDE 1 IN. FOR ROLLING AND BEADING.

Kewanee Boiler Corp. assumes no responsibility for tubes ordered too long or too short.

Kewanee Firebox Boiler
Weld + Rivet Double-Pass
"5000" Series Up-Draft

BOILER Coal - Oil	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
5029–5129	30–3"x 4' 3⅞"	30–3"x 9' 8 "
5033–5133	49–3"x 3' 7⅞"	48–3"x 8' 7⅛"
5034–5134	49–3"x 4' 7⅛"	48–3"x10' 0¾"
5036–5136	49–3"x 5' 7¾"	48–3"x11' 7 "
5038–5138	60–3"x 4'11¾"	66–3"x10'11⅛"
5039–5139	60–3"x 6' 1¼"	66–3"x12' 7 "
5040–5140	82–3"x 6' 1½"	76–3"x12' 7¼"
5041–5141	82–3"x 7' 4⅝"	76–3"x14' 4⅜"
5042–5142	101–3"x 6'10⅜"	98–3"x13'10¼"
5043–5143	101–3"x 8' 1⅞"	98–3"x15' 7¾"
5044–5144	122–3"x 8' 7½"	108–3"x16' 1⅜"
5045–5145	122–3"x10' 1⅜"	108–3"x18' 1¼"

"6000" Series Down-Draft

6027–6127	30–3"x 2' 2⅝"	30–3"x 7' 9½"
6028–6128	30–3"x 2' 9¼"	30–3"x 8' 6⅝"
6029–6129	30–3"x 3' 2¼"	30–3"x 9' 5⅛"
6030–6130	40–3"x 2' 7¾"	36–3"x 8' 8 "
6031–6131	40–3"x 3' 2¾"	36–3"x 9' 3 "
6032–6132	40–3"x 3' 7¾"	36–3"x 9'11 "
6033–6133	49–3"x 2'10¾"	48–3"x 8'11 "
6034–6134	49–3"x 3' 4½"	48–3"x 9' 7¾"
6035–6135	49–3"x 3' 9¼"	48–3"x10' 6½"
6036–6136	49–3"x 4' 5 "	48–3"x11' 2¼"
6037–6137	60–3"x 3' 2 "	66–3"x 9'11¾"
6038–6138	60–3"x 3'10½"	66–3"x11' 0¼"
6039–6139	60–3"x 5' 4¾"	66–3"x12'11½"
6040–6140	82–3"x 4'11⅞"	76–3"x12' 9⅝"
6041–6141	82–3"x 6' 3⅛"	76–3"x14' 3⅞"
6042–6142	101–3"x 6' 1⅝"	98–3"x14' 5½"
6043–6143	101–3"x 8' 1⅛"	98–3"x16'11 "
6044–6144	122–3"x 8' 5⅞"	108–3"x17' 3¾"
6045–6145	122–3"x10' 2⅛"	108–3"x19' 6 "

Kewanee Firebox Boiler
Welded Single-Pass
"G" Series Up-Draft

Boiler	TUBES No. Dia. Length
G-23	36–3"x 3' 9⅞"
G-28	36–3"x 4' 8⅞"
G-32	36–3"x 5' 8⅞"
G-36	36–3"x 6' 7⅛"
G-39	52–3"x 5' 0⅞"
G-44	52–3"x 5'10⅛"
G-51	52–3"x 6'10⅝"
G-55	66–3"x 5'11¼"
G-64	66–3"x 7' 0¾"
G-71	66–3"x 7'11¼"

Kewanee Residence Boiler
Welded Two-Pass Tubes
Round Type "R"

BOILER Coal - Oil		DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
735–2735	1735	4-4"x 17 "	4-4"x 27 "
736–2736	1736	5-4"x 19½"	5-4"x 29 "

Square Type "R"

740–2740	1740	7–4"x 1' 6¾"	7–4"x 2' 4⅜"
741–2741	1741	7–4"x 2' 0⅝"	7–4"x 2'10⅜"
742–2742	1742	7–4"x 2' 6¾"	7–4"x 3' 4⅜"
743–2743	1743	7–4 x 3' 0¾"	7–4"x 3'10⅜"
745–2745	1745	10–4"x 3' 0¾"	10–4"x 3'10⅜"
746–2746	1746	10–4"x 3' 6¾"	10–4"x 4' 4⅜"
747–2747	1747	10–4"x 4' 0¾"	10–4"x 4'10⅜"
748–2748	1748	10–4"x 4' 6¾"	10–4"x 5' 4⅜"

Kewanee Type "C" Boiler
Welded Two-Pass Tubes
Smokeless and Direct Draft

BOILER Coal - Oil		DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
749–2749	1749	21–3"x 2' 5⅝"	24–3"x 4' 2¾"
750–2750	1750	21–3"x 2'11½"	24–3"x 4' 8¾"
751–2751	1751	21–3"x 3'11½"	24–3"x 5' 8¾"
752–2752	1752	21–3"x 4' 7¾"	24–3"x 6' 5 "
753–2753	1753	27–3"x 4' 2¼"	30–3"x 5'11½"
754–2754	1754	27–3"x 4'10¼"	30–3"x 6' 7½"
755–2755	1755	27–3"x 5' 9¾"	30–3"x 7' 7 "
756–2756	1756	35–3"x 5' 6¼"	34–3"x 7' 3½"
757–2757	1757	35–3"x 6' 1½"	34–3"x 7'10¾"
758–2758	1758	35–3"x 6' 8½"	34–3"x 8' 5¾"
759–2759	1759	48–3"x 5' 7¼"	48–3"x 7' 6½"
760–2760	1760	48–3"x 6' 8¾"	48–3"x 8' 8 "
761–2761	1761	62–3"x 6' 1¾"	56–3"x 8' 1½"
762–2762	1762	62–3"x 7' 0¼"	56–3"x 9' 0 "
763–2763	1763	70–3"x 7' 6¼"	62–3"x 9' 8 "
764–2764	1764	70–3"x 8' 9¼"	62–3"x10'11 "
765–2765	1765	82–3"x 7' 9¾"	86–3"x 9'11½"
766–2766	1766	82–3"x 8'10¼"	86–3"x11' 0 "
767–2767	1767	94–3"x 8' 7¼"	92–3"x10'11 "
768–2768	1768	94–3"x 9'11¾"	92–3"x12' 3½"
769–2769	1769	124–3"x 8' 8 "	118–3"x11' 0 "
770–2770	1770	124–3"x10' 2 "	118–3"x12' 6 "

EXCEPTIONS FOR EARLIER STYLES

Boilers Previous to Date:	Series	BOILER Coal - Oil		DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
12- 6-29	1-X	750–2750	1750	21–3"x 3' ½"	24–3"x 4' 9¾"
1-21-31	1-X	759–2759	1759	48–3"x 6' 2¼"	48–3"x 8' 1½"
12-22-32	1-X	756–2756	1756	40–3"x 4' 4¾"	44–3"x 6' 2 "
12-22-32	1-X	757–2757	1757	40–3"x 4'10¾"	44–3"x 6' 8 "
12-22-32	1-X	758–2758	1758	40–3"x 5' 4¾"	44–3"x 7' 2 "

NOTE: WHEN ORDERING TUBES GIVE DATE OF BOILER OR SERIES NUMBER, AND CHECK ACTUAL LENGTHS AND NUMBER IN EACH TUBE NEST.
LENGTHS IN THESE TABLES INCLUDE 1 IN. FOR ROLLING AND BEADING EXCEPT ON RO.R—SQ.R TUBE LENGTHS INCLUDE ONLY ¾" TO 1".
Kewanee Boiler Corp assumes no responsibility for tubes ordered too long or too short.

Tubes: Size, Length and Number
KEWANEE Firebox Boilers (Simplified Practice) 15 Lb., also Hi Pressure.

Kewanee Firebox Boiler Riveted Double-Pass "500" Series Up-Draft

Boiler	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
576	24–3"x3' 2¾"	23–3"x 7' 8 "
577	24–3"x4' 2¼"	23–3"x 8' 7½"
578	32–3"x3' 3⅝"	30–3"x 7' 9 "
579	32–3"x4' 0⅛"	30–3"x 8' 5½"
580	42–3"x3' 6⅛"	39–3"x 7'11½"
581	42–3"x4' 3⅝"	39–3"x 9' 3 "
582	53–3"x3' 4 "	50–3"x 9' 8 "
583	53–3"x4' 2 "	50–3"x11' 4 "
584	68–3"x4' 3 "	62–3"x11' 5 "
585	68–3"x5'10 "	62–3"x13' 4 "
586	82–3"x5' 8 "	74–3"x13' 2 "
587	101–3"x5' 2⅛"	87–3"x13' 0 "
588	101–3"x7' 0⅝"	87–3"x15'10½"
589	117–3"x7' 0½"	108–3"x15'10½"
590	117–3"x8' 9½"	108–3"x18' 1½"

Kewanee Firebox Boiler Riveted Double-Pass "400" Series Up-Draft

480	24–4"x 5' 8⅜"	20–4"x10' 2 "
481	24–4"x 6'11⅛"	20–4"x11'10½"
482	28–4"x 5' 7½"	28–4"x11'11½"
483	28–4"x 6'10½"	28–4"x14' 0½"
484	38–4"x 6'11½"	34–4"x14' 1½"
485	38–4"x 9' 1½"	34–4"x16' 7½"
486	46–4"x 7'11 "	46–4"x15' 5 "
487	55–4"x 8' 0⅜"	50–4"x15'10½"
488	55–4"x10' 8⅜"	50–4"x19' 6 "
489	68–4"x 9'10 "	66–4"x18' 8 "
490	68–4"x12' 0⅞"	66–4"x21' 5 "

Kewanee Firebox Boiler Riveted Double-Pass "300" Series Smokeless Down-Draft

376	24–3"x 1'10¾"	23–3"x 7' 4 "
377	24–3"x 2' 8¾"	23–3"x 8' 4 "
378	32–3"x 2' 1⅛"	30–3"x 7' 6½"
379	32–3"x 2' 8⅝"	30–3"x 8' 4 "
380 Hi.Pr.	42–3"x 2' 4⅛"	39–3"x 7'11½"
380	24–4"x 4' 4¼"	20–4"x 9'11½"
381	24–4"x 5' 4⅝"	20–4"x11' 8 "
382	28–4"x 4'11½"	28–4"x11' 3½"
383	28–4"x 6' 2 "	28–4"x13' 4 "
384	38–4"x 6' 4 "	34–4"x13' 6 "
385	38–4"x 8' 5 "	34–4"x15'11 "
386	46–4"x 7' 4 "	46–4"x14'10 "
387	55–4"x 7' 5⅛"	50–4"x15' 3½"
388	55–4"x10' 0⅜"	50–4"x18'10½"
389	68–4"x 9' 2 "	66–4"x18' 0 "
390	68–4"x11' 5 "	66–4"x20' 9 "

Kewanee Firebox Boiler Riveted Single-Pass Brickset & Type K Up-Draft

Boiler	TUBES No. Dia. Length
3– 3 K	17–3"x 5' 2 "
4– 4 K	28–3"x 4' 8 "
5– 5 K	28–3"x 5' 8 "
6– 6 K	28–3"x 6' 8 "
8– 8 K	39–3"x 6' 2 "
9– 9 K	39–3"x 7' 2 "
10–10 K	46–3"x 6' 8 "
11–11 K	46–3"x 7' 8 "
12–12 K	46–3"x 8' 8 "
13–13 K	39–4"x 9' 1 "
14–14 K	39–4"x11' 1 "
15–15 K	48–4"x10' 1⅛"
'–16 K	48–4"x12' 1⅛"
17–	62–4"x10' 7⅛"
18–18 K	62–4"x12' 1⅛"
19–	82–4"x10' 1⅛"
20–20 K	82–4"x11' 7⅛"

Kewanee Firebox Boiler Welded Single-Pass "G" Series Down-Draft

Boiler	TUBES No. Dia. Length
G–18	36–3"x 2' 5⅞"
G–22	36–3"x 3' 5⅞"
G–26	36–3"x 4' 3⅝"
G–30	36–3"x 5' 3⅝"
G–35	36–3"x 6' 4⅛"
G–40	52–3"x 5' 0⅞"
G–45	52–3"x 5'10⅛"
G–50	52–3"x 6' 7⅝"
G–60	52–3"x 8' 2⅞"

Kewanee Firebox Boiler Welded Single-Pass "P" Series Up-Draft

P–18	36–3"x 3' 3 "
P–22	36–3"x 4' 2 "
P–26	36–3"x 5' 0 "
P–30	36–3"x 6' 0 "
P–35	36–3"x 7' 1 "
P–40	52–3"x 5' 8 "
P–45	52–3"x 6' 6 "
P–50	52–3"x 7' 3 "
P–60	52–3"x 8'10 "

Kewanee Boiler Scotch Marine Type Welded "M-8000" Series

Boiler	TUBES No. Dia. Length
M8173	23–3"x 6' 6⅝"
M8174	23–3"x 7' 8⅝"
M8175	37–3"x 6' 0 "
M8176	37–3"x 6'11¾"
M8177	37–3"x 8' 0⅛"
M8178	53–3"x 6' 6½"
M8179	53–3"x 7' 3¼"
M8180	71–3"x 6' 8¼"
M8181	71–3"x 7' 9¾"
M8182	89–3"x 7' 8¼"
M8183	89–3"x 9' 0⅜"
M8184	109–3"x 9' 4 "
M8185	109–3"x11' 3 "
M8186	128–3"x11' 2¼"
M8187	128–3"x12'10 "
M8188	148–3"x14' 0 "
M8189	178–3"x14' 0 "
M8190	200–3"x13' 4¼"

Kewanee High Pressure Portable Riveted "Scottie Junior" Series

Boiler	TUBES No. Dia. Length
HM 9	28–3"x 3' 6 "
HM 15	28–3"x 5' 3 "
HM 20	28–3"x 7' 0 "
HM 25	36–3"x 6'11 "
HM 30	36–3"x 8' 4 "

NOTE: WHEN ORDERING TUBES GIVE DAT OF BOILER OR SERIES NUMBER, AN CHECK ACTUAL LENGTHS ALS NUMBER IN EACH TUBE NEST

LENGTHS IN THESE TABLES INCLUD 1 IN. FOR ROLLING AND BEADING.

Kewanee Boiler Corp assumes no responsibility fo tubes ordered too long or too short.

Tubes: Size, Length and Number
Kewanee Firebox Boilers (Simplified Practice)

Kewanee Residence Boiler
Welded Two-Pass Tubes
Round Type "R"

BOILER same for 2734-2736 same for 0734-0736	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
—1733	4–3 "x13½"	4–3 "x16½ "
734–1734,1X	4–3½"x1'2¾"	4–3½"x2' 0 "
735–1735,4&5X	4–4 "x1'5 "	4–4 "x2' 3 "
6X	4–4 "x1'5 "	4–4 "x2' 4⅛"
736–1736,4&5X	5–4 "x1'7 "	5–4 "x2' 4⅜"
6X	5–4 "x1'7 "	5–4 "x2' 6⅜"
— 1737,1X	5–4 "x2'9½"	5–4 "x3' 9⅛"

Square Type "R"

same for 2740-2748 same for 0740-0748		
740–1740	7–4 "x1'6¾"	7–4 "x2' 4⅜"
741–1741	7–4 "x2'0¾"	7–4 "x2'10⅜"
742–1742	7–4 "x2'6¾"	7–4 "x3' 4⅜"
743–1743	7–4 "x3'0¾"	7–4 "x3'10⅜"
745–1745	10–4 "x3'0¾"	10–4 "x3'10⅜"
746–1746	10–4 "x3'6¾"	10–4 "x4' 4⅜"
747–1747	10–4 "x4'0¾"	10–4 "x4'10⅜"
748–1748	10–4 "x4'6¾"	10–4 "x5' 4⅜"

Square 83 "R"

83R1	16–2½"x1'6¾"	15–2½"x2' 4⅜"
83R2	16–2½"x2'0¾"	15–2½"x2'10⅜"
83R3	16–2½"x2'6¾"	15–2½"x3' 4⅜"
83R4	16–2½"x3'0¾"	15–2½"x3'10⅜"
83R6	21–2½"x3'0¾"	20–2½"x3'10⅜"
83R7	21–2½"x3'6¾"	20–2½"x4' 4⅜"
83R8	21–2½"x4'0¾"	20–2½"x4'10⅜"
83R9	21–2½"x4'6¾"	20–2½"x5' 4⅜"

Kewanee Type "C" Boiler
Welded Two-Pass Tubes
Smokeless and Direct Draft

BOILER same for 2773-2790 same for 0773-0790 same for 27L73-27L90	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
1773–7L73	21–3"x 2' 5⅜"	24–3"x 4' 2⅞"
774–1774–7L74	21–3"x 2'11⅝"	24–3"x 4' 8¾"
775–1775–7L75	21–3"x 3' 5⅜"	24–3"x 5' 2¾"
776–1776–7L76	21–3"x 4' 4¼"	24–3"x 6' 1½"
777–1777–7L77	27–3"x 4' 2¼"	30–3"x 5'11½"
778–1778–7L78	27–3"x 4'10¼"	30–3"x 6' 7½"
779–1779–7L79	27–3"x 5' 5¾"	30–3"x 7' 3 "
780–1780–7L80	35–3"x 5' 6¼"	34–3"x 7' 5½"
781–1781–7L81	35–3"x 6' 8¾"	34–3"x 8' 5¾"
782–1782–7L82	48–3"x 5' 9⅞"	48–3"x 7' 9 "
783–1783–7L83	48–3"x 7' 1 "	48–3"x 9' 0¼"
784–1784–7L84	62–3"x 7' 3¾"	56–3"x 9' 3⅞"
785–1785–7L85	70–3"x 7'10⅞"	62–3"x10' 0¾"
6–1786–7L86	82–3"x 7' 2¾"	86–3"x 9' 4½"
787–1787–7L87	82–3"x 8' 5¾"	86–3"x10' 7½"
788–1788–7L88	94–3"x 9' 8¾"	92–3"x12' 0½"
789–1789–7L89	124–3"x 9' 1¼"	118–3"x11' 5¼"
790–1790–7L90	124–3"x10'10¼"	118–3"x13' 2¼"

Kewanee Firebox Boiler
Weld + Rivet Double-Pass
"5000" Series Up-Draft

BOILER Coal - Oil	DIRECT TUBES No. Dia. Length	RETURN TUBES No. Dia. Length
5076-5176	30–3"x1'11 "	30–3"x 6' 4 "
5077-5177	30–3"x2' 8 "	30–3"x 7' 1 "
5078-5178	30–3"x3' 1 "	30–3"x 8' 0 "
5079-5179	30–3"x3' 6 "	30–3"x 8'11 "
5080-5180	40–3"x3' 8¾"	36–3"x 8' 8 "
5081-5181, 1X	49–3"x3' 1¾"	48–3"x 8' 1 "
2X & Up	40–3"x4' 7 "	36–3"x10' 0¼"
5082-5182	49–3"x3' 8¾"	48–3"x10' 0 "
5083-5183	49–3"x4' 6¾"	48–3"x11' 8 "
5084-5184	60–3"x4' 8¾"	60–3"x11'11½"
5085-5185	60–3"x6' 6¼"	60–3"x14' 0 "
5086-5186	78–3"x5' 6¾"	78–3"x13' 0½"
5087-5187	78–3"x6' 9¾"	78–3"x14' 7½"
5088-5188	97–3"x6' 3⅝"	98–3"x15' 1½"
5089-5189	116–3"x7' 0⅝"	108–3"x15'10½"
5090-5190	116–3"x8' 9⅝"	108–3"x18' 1½"

"6000" Series Down-Draft

6077-6177	30–3"x1' 9⅝"	30–3"x 7' 2¾"
6078-6178	30–3"x2' 3⅝"	30–3"x 7' 8¾"
6079-6179	30–3"x2' 9⅞"	30–3"x 8' 7 "
6080-6180	40–3"x2'10¾"	36–3"x 8' 6 "
6081-6181	40–3"x3' 7¾"	36–3"x 9'11 "
6082-6182	49–3"x3' 4¼"	48–3"x 9' 7½"
6083-6183	49–3"x4' 2¼"	48–3"x11' 3½"
6084-6184	60–3"x4' 4¾"	60–3"x11' 6½"
6085-6185	60–3"x6' 0¾"	60–3"x13' 6½"
6086-6186	78–3"x5' 1¾"	78–3"x12' 7½"
6087-6187	78–3"x6' 4¾"	78–3"x14' 2½"
6088-6188	97–3"x5'11⅝"	98–3"x14' 9½"
6089-6189	116–3"x6' 8⅛"	108–3"x15' 6 "
6090-6190	116–3"x8' 5⅛"	108–3"x17' 9 "

NOTE: WHEN ORDERING TUBES GIVE DATE OF BOILER OR SERIES NUMBER, AND CHECK ACTUAL LENGTHS ALSO NUMBER IN EACH TUBE NEST.

LENGTHS IN THESE TABLES INCLUDE 1 IN. FOR ROLLING AND BEADING. . . . EXCEPT ON RO.R—SQ.R—83R BOILERS LENGTHS INCLUDE ¾"-1".

Kewanee Boiler Corp. assumes no responsibility for tubes ordered too long or too short.