



KEWANEE Return Tube SCOTCH MARINE BOILER

SPECIFICATIONS NEW 100 Lb. Steam A.S.M.E. CODE NEW High Pressure Steam

	HM6	HM9	HM15	HM20	HM25	HM30
Boiler Number	HM6	HM9	HM15	HM20	HM25	HM30
Rating, Mechanical-Fired						
—Horsepower	7	12	18	24	30	36
—Thousands of Btu per Hour	234	400	600	800	1020	1200
—Pounds of Steam per Hour	242	410	620	830	1050	1240
Rating, Hand-Fired						
—Horsepower	6	9.9	15	20	25	30
—Thousands of Btu per Hour	200	331	500	670	840	1020
—Pounds of Steam per Hour	207	342	520	690	865	1050
Heating Surface	60	99	150	200	250	300
Grate Area	3.5	4	6	8	10	12
Furnace Volume	15.5	24.1	29.4	34.6	47.3	53.1
K—Shell Diameter	42	48	48	48	54	54
L—Length	61	63	84	105	105	122
H—Furnace Diameter	21	24	24	24	28	28
J—Grate Length	24	24	36	48	54	60
Steam Supply Size	2	2 1/2	2 1/2	2 1/2	2	3
Blow-off Size	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/2
Safety Valve Size—						
Coal, hand-fired	3/4	1	1 1/4	1 1/2	2	2 1/2
Oil or Gas	1	1 1/4	1 1/2	2	2 1/2	2
Stoker	1	1 1/4	1 1/2	2	2 1/2	2
Fire Door Opg., Width	15	16	16	16	18	18
Height	10	11	11	11	12	12
Ash Door Opg., Wdt. x Hgt.	15x6 1/4	16x6 1/2	16x6 1/2	16x6 1/2	18x7 1/2	18x7 1/2
Breeching Diameter	14	16	17	19	20	22
Stack Diameter	12	14	15	17	18	20
Height	30	35	40	40	40	45
Outside Surface to Cover	57	67	90	111	125	145
Shipping Weight—On Skids with Regular Fittings, less Stack	3700	4800	6300	7000	7800	8500

	HM6	HM9	HM15	HM20	HM25	HM30
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A—Boiler Width Overall	47	53	53	53	59	59
B—Length, Overall, hand-fired	77 1/2	80	101	122	123	140
BB—Length, Overall, oil-gas	82 1/2	84 1/2	105 1/2	126 1/2	127	144
C—Height Overall Shell	54 1/2	62	62	62	67 1/2	67 1/2
D—Water Line	46 1/2	53	53	53	57 1/2	57 1/2
E—Water Column Height	44 1/2	51	51	51	55 1/2	55 1/2
EE—Height from Boiler CL	11 1/4	13 1/4	13 1/4	13 1/4	15	15
F—Steam Supply Location	13	14	18	24	18	24
G—Safety Valve Location	15	15	15	16 1/2	22 1/2	16 3/4
M—Breeching Connection	24	30	30	30	38	38
N—Location	5 1/2	6	6	6	7 1/2	7 1/2
O—Height	44 1/4	50	50	50	54 1/2	54 1/2
P—Clearance Beneath Shell	12	13 1/4	13 1/4	13 1/4	13	13
Q—Legs Location	38 1/2	39 1/2	43	61	60	77
R—Skids Location	37 1/2	42	42	42	45	45
Plate Thickness—Shell	3/16	3/16	3/16	3/16	3/16	3/16
—Heads	3/8	7/16	7/16	7/16	7/16	7/16
—Furnace	3/8	7/8	7/8	7/8	1 1/2	1 1/2
Return Tubes—Number	16	28	28	28	36	36
—Diameter	3	3	3	3	3	3
—Length	40	42	63	84	83	100
Steel Smoke Stack—Gauge No.	14	14	14	14	12	12
at extra cost. —Diameter	12	14	15	17	18	20
—Length	30	35	40	40	40	45
—Weight	350	450	550	650	1000	1200

EQUIPMENT—All Boilers mounted on skids; equipped with Handholes; Manhole in 54" boilers only; Smokebox with Damper; Insulated Flue Doors; Refractory lined rear Combustion Chamber; Rear End Plate with cleanout door, 3/4" Fusible Plug Socket Wrench; Flue Scraper with handle.

TRIMMINGS—All Steam Boilers: Cast Iron Water Column with standard Gauge Glass Cocks, Gauge Glass, Guards, three Try-cocks; Steam Gauge, Syphon and Cock; Safety Valve; 3/4" Penberthy Injector; Blow-off Valve; Piping and Fittings for attaching trimmings to boiler.

No trimmings furnished with hot water boilers. No mechanical firing equipment included and no damper in smokebox outlet.

COAL Hand-Fired—Cast iron Furnace front with Firedoor and Liner; Ash Door with Ratchet Draft door; Stationary Grates and Supports; Refractory Bridgeway; Hoe, Poker.

OIL or GAS Fired—Steel Furnace extension with coverplate and peephole. **STOKER Fired**—Furnace Front with doors NOT furnished by K. B. Corp.



NEED PARTS?
OEM Boiler Parts
 Phone: (717) 367-9900
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