

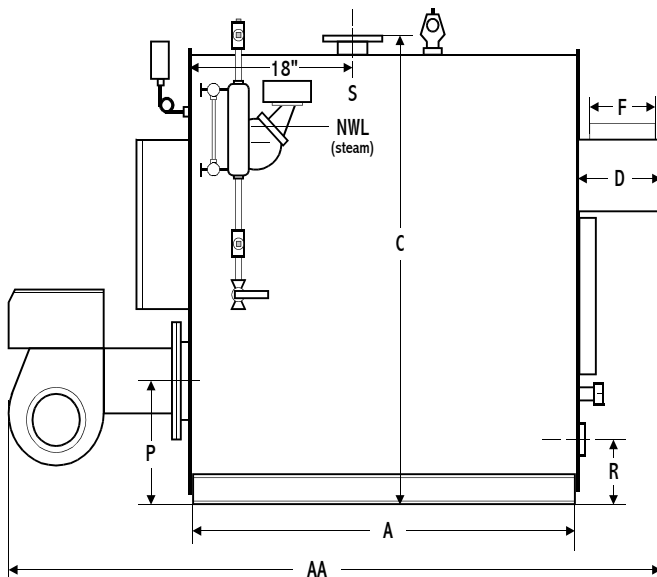
L.E.S. Series HF5 "Scotch Box" Boilers

3-Pass Firetube • 15# Steam / 30# Water • 83% Efficiency • 5 sq.ft. Fireside Heating Surface per BHP

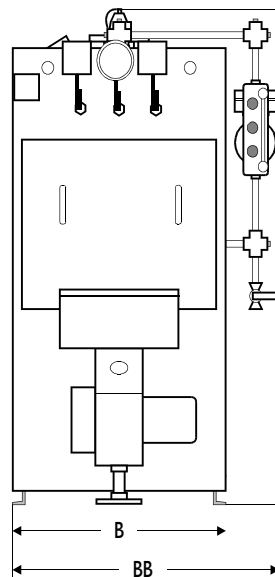
Ratings/Data/Dimensions

Model: HF5-	12	16	20	25	32	40	50	60	65	75	85
Input											
Gas (MB/CF) CFH	480	645	800	1000	1290	1610	2010	2410	2610	3020	3430
Oil (140MB/Gal) GPH	3.4	4.6	5.7	7.1	9.2	11.5	14.4	17.2	18.6	21.6	24.5
Output											
MBH	400	535	670	835	1070	1340	1675	2010	2175	2510	2785
Boiler Horsepower	12	16	20	25	32	40	50	60	65	75	85
Gas Burner Motor HP	.25	.25	.33	.33	.33	.33	.75	1.0	2.0	2.0	3.0
Oil Burner Motor HP	.33	.33	.33	.5	.5	.75	1.0	1.5	2.0	2.0	3.0
SQ.FT. Heating Surface											
Primary	16.7	20.8	20.6	24.7	28.7	35.6	40.4	46.6	46.5	51.9	57.3
Total Fireside	62	86	102	125	163	200	249	298	325	376	424
Total Waterside	68	94	111	137	180	221	275	329	360	417	470
Boiler Data											
Furnace Vol. (CU.FT.)	4.5	6.1	6.1	7.7	9.3	13.6	15.8	20.3	20.3	23.2	26.0
Water Cap. (Gal; NWL)	89	116	111	138	160	206	326	278	270	306	344
Water Cap. (Gal; Full)	112	146	141	176	206	275	407	359	350	398	447
Dry Weight (LBS)	1350	1650	1725	2075	2425	3000	3500	3975	4075	4550	4975
Dimensions in Inches											
A Skid Length	29	39	39	49	59	59	68	68	68	78	88
AA Overall Length	64	76	76	86	101	103	121	123	123	133	148
B Width	28	28	28	28	28	34	34	34	34	34	34
BB Trimmed Width (Std)	40	40	40	40	40	46	46	46	46	46	46
C Height	64	64	64	64	64	72	72	78	78	78	78
CC Trimmed Height	72	72	72	72	72	79	79	86	86	86	86
D Rear Smokebox Depth	10	12	12	12	12	14	14	16	16	16	16
F Flue Connection Size	6	8	8	8	8	10	10	12	12	12	12
Flue Connection Height	50	50	50	50	50	54	54	61	61	61	61
P Burner Port Height	18	18	18	18	18	20	20	20	20	20	20
Burner Port ID	9¼	9¼	9¼	9¼	9¼	12¼	12¼	14½	14½	14½	14½
R Return Size (NPT)	2	2	3	3	3	4	4	4	4	4	4
Return Height	8½	8½	8½	8½	8½	10½	10½	10½	10½	10½	10½
S Supply Size (*=Flange)	3	3	3	4*	4*	6*	6*	6*	6*	6*	8*
Supply Height	64	64	64	64	64	72	72	78	78	78	78

Side View



Front View



Rear View

