



AHFR SERIES

15 PSI STEAM / 30, 40, 80, 150 PSI WATER • 83-87% EFFICIENCY

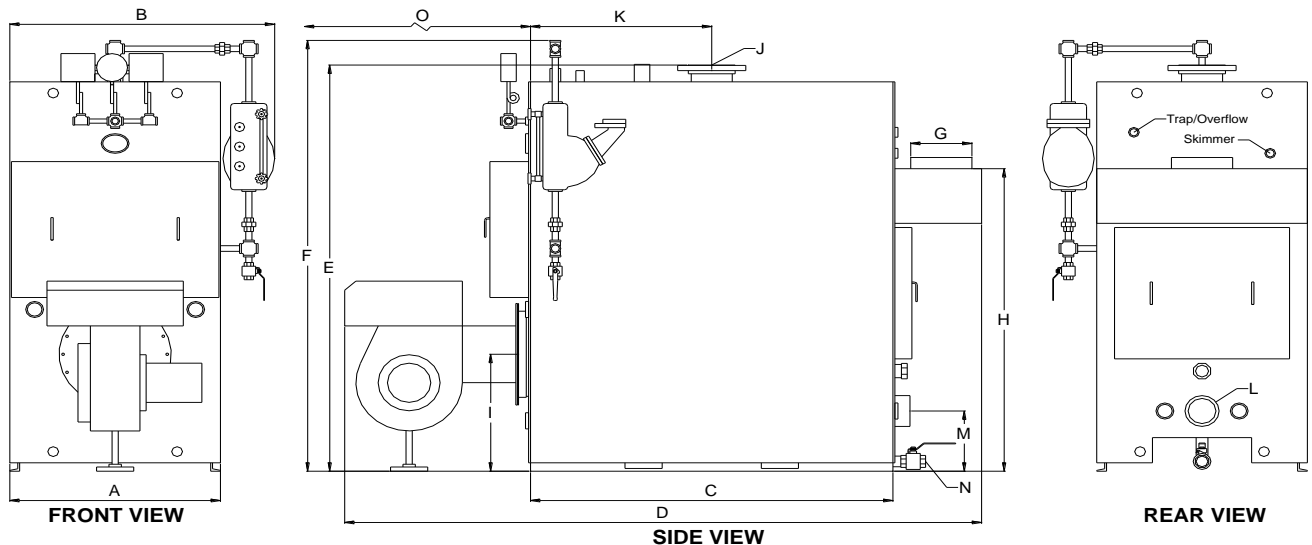
HORIZONTAL FIRETUBE BOILER MANUFACTURED BY ALDRICH COMPANY FOR OVER 30 YEARS

HIGH EFFICIENCY • HEAVY DUTY CONSTRUCTION • THREE PASS SCOTCH BOX DESIGN • ASME SECTION IV

BOILER RATINGS & DIMENSIONS

MODEL: AHFR-	580	800	1000	1250	1500	1800	2070	2250	2650	2760	3000	3350	3680	4040	4180	4520	5020	5860	6695	8350
Gas Input (MBH)	695	960	1,200	1,505	1,805	2,165	2,490	2,710	3,190	3,325	3,610	4,035	4,430	4,865	5,040	5,450	6,050	7,100	8,100	10,100
Oil Input (GPH)	5.0	6.9	8.6	10.8	12.9	15.5	17.8	19.4	22.8	23.8	25.8	28.8	31.6	34.8	36.0	38.9	43.2	50.7	57.9	72.1
Output (MBH)	580	800	1,000	1,250	1,500	1,800	2,070	2,250	2,650	2,760	3,000	3,350	3,680	4,040	4,180	4,520	5,020	5,860	6,695	8,350
Output (Horsepower)	17	24	30	37	45	54	62	67	79	82	90	100	110	120	125	135	150	175	200	250
Htg Surf. FS (Sq Ft)	60	87	109	135	162	200	242	242	285	299	325	375	385	425	458	542	602	710	834	1,001
Furnace Vol (Cu Ft)	4.5	6.1	6.1	7.7	9.3	13.6	15.8	15.8	20.3	20.3	20.3	23.2	23.2	26.0	28.1	38.0	43.3	56.0	66.3	77.6
Water Cap. (Gal, NWL)	89	116	108	135	160	206	237	237	282	278	270	306	303	344	360	425	482	590	694	787
Dry Weight (LBS)	1,950	2,250	2,350	2,700	3,025	3,750	4,200	4,200	4,875	4,875	5,050	5,550	5,600	5,975	6,550	6,850	7,500	8,800	10,750	14,250
A Width	28	28	28	28	28	34	34	34	34	34	34	34	34	34	34	42	42	42	42	42
B Width With Trim	40	40	40	40	40	46	46	46	46	46	46	46	46	46	46	54	54	54	54	54
C Length of Skid	29½	39	39	48½	58½	58½	68½	68½	68½	68½	68½	78	78	87½	92½	78	94	111½	131	156
D Overall Length	64	76	76	91	110	112	121	121	128	128	138	144	144	154	158	142	158	181	200	225
E Supply Height	64	64	64	64	64	72	72	72	78	78	78	78	78	78	78	90	90	90	90	90
F Height With Trim	72	72	72	72	72	79	79	79	86	86	86	86	86	86	86	94½	94½	94½	94½	94½
G Stack Dia., O.D.	6	8	8	8	8	10	10	10	12	12	12	12	12	12	12	16	18	20	20	20
H Stack Height	50	50	50	50	50	54	54	54	61	61	61	61	61	61	61	70	70	70	70	70
I Burner Port Height	18	18	18	18	18	19½	19½	19½	19½	19½	19½	19½	19½	19½	19½	23¼	23¼	23¼	23¼	23¼
J Supply Size (*Flg)	3	3	*4	*4	*4	*6	*6	*6	*6	*6	*6	*6	*8	*8	*8	*8	*10	*10	*10	*12
K Supply Location	14½	19½	19½	24½	29	29	34	34	34	34	34	39	39	44	46	39	47	56	65½	78
L Return Size (NPT)	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
M Return Height	8½	8½	8½	8½	8½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½
N BD/Drain Size	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
O Tube Pull Space	30	40	40	50	60	60	69	69	69	69	69	79	79	89	93	143	159	182	201	226

ALL DIMENSIONS ARE IN INCHES. DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. CERTIFIED DRAWING AVAILABLE UPON REQUEST.



QUALITY • PERFORMANCE • EFFICIENCY • EXPERIENCE

"QUALITY PRODUCTS BY LOYAL CRAFTSMEN" STEEL BOILERS & WATER HEATERS SINCE 1936

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