



"Quality Products by Loyal Craftsmen"
Steel Boilers & Water Heaters
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A3C

CONDENSING BOILERS

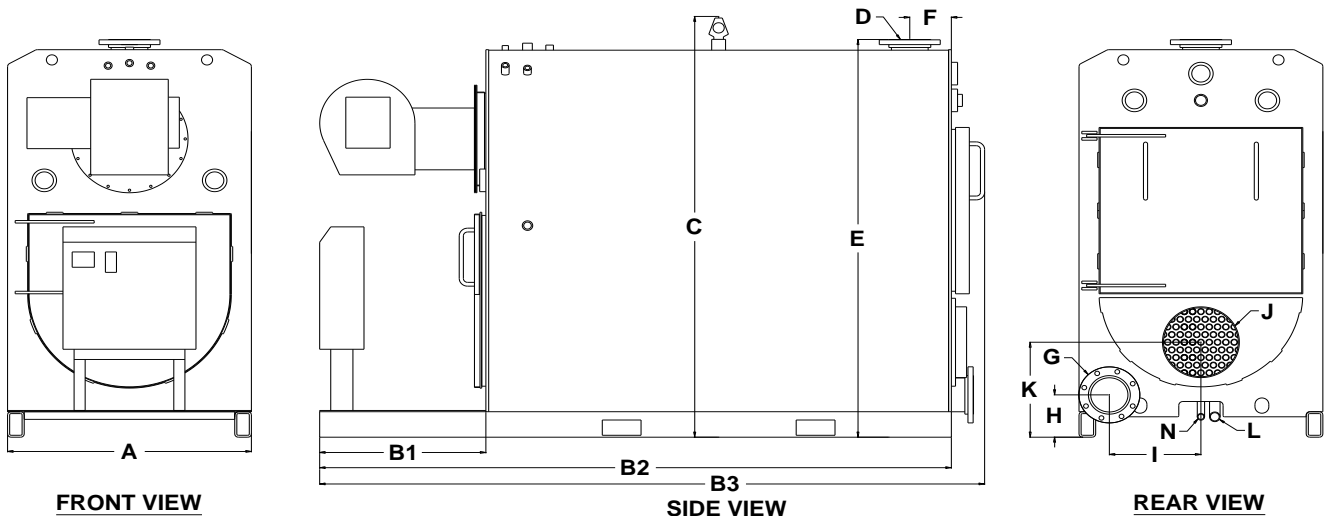
- 1,000,000 - 6,000,000 BTU/HR
- THREE PASS FIRETUBE DESIGN
- HIGH MASS DESIGN
- DUPLEX STAINLESS STEEL HEAT EXCHANGER
- 160 PSI DESIGN PRESSURE
- LINKAGELESS MODULATION
- NATURAL GAS • LP GAS • #2 OIL
- DUAL FUEL CAPABILITY WITH #2 OIL
- UP TO 10:1 TURNDOWN
- 10 YEAR WARRANTY
- THERMAL SHOCK PROOF DESIGN
- DESIGNED FOR EITHER VARIABLE PRIMARY FLOW OR PRIMARY/SECONDARY



A3C BOILER RATINGS & DIMENSIONS

MODEL	A3C-	1000	1500	2000	2500	3000	3500	4000	5000	6000
Input	MBH	1,000	1,500	2,000	2,500	3,000	3,500	4,000	5,000	6,000
	kW	293	440	586	733	879	1,026	1,172	1,465	1,758
Input (Oil)	GPH	7.1	10.7	14.3	17.9	21.4	25.0	28.6	35.7	42.9
	LPH	27.0	40.6	54.1	67.6	81.1	94.6	108.2	135.2	162.2
Efficiency/Output	%	95.0	95.0	95.0	95.0	95.0	95.0	95.0	94.0	94.0
	MBH	950	1,425	1,900	2,375	2,850	3,325	3,800	4,700	5,640
	BHP	28	43	57	71	85	99	114	140	168
	kW	278	418	557	696	835	974	1,113	1,377	1,653
Water Cap.	Gal	160	160	240	300	300	348	360	430	540
	Liters	606	606	908	1136	1136	1317	1363	1628	2044
Dry Weight	LBS	2,600	3,200	4,000	4,800	5,000	5,800	6,000	7,250	8,500
	KG	1,179	1,451	1,814	2,177	2,268	2,631	2,722	3,289	3,856
Operating Weight	LBS	3,933	4,533	5,999	7,299	7,499	8,699	8,999	10,832	12,998
	KG	1,784	2,056	2,721	3,311	3,401	3,946	4,082	4,913	5,896
A Width	IN	30	30	30	34	34	34	34	44	44
	MM	762	762	762	864	864	864	864	1118	1118
B1 Burner Platform	IN	28	28	30	30	30	30	30	30	30
	MM	711	711	762	762	762	762	762	762	762
B2 Base Length	IN	77.13	84	99.75	107.38	107.38	114.25	114.25	119.13	126
	MM	1959	2134	2534	2727	2727	2902	2902	3026	3200
B3 Overall Length	IN	83.13	90	105.75	113.38	113.38	120.25	120.25	125.13	132
	MM	2111	2286	2686	2880	2880	3054	3054	3178	3353
C Overall Height	IN	74	74	74	84	84	84	84	84	84
	MM	1880	1880	1880	2134	2134	2134	2134	2134	2134
D Supply Size 4" & Larger are Flg	IN	3	3	3	4	4	4	4	6	6
	MM	76	76	76	102	102	102	102	152	152
E Supply Height	IN	67	67	67	78	78	78	78	78	78
	MM	1702	1702	1702	1981	1981	1981	1981	1981	1981
F Supply Location	IN	5.50	5.50	5.50	6.50	6.50	6.50	6.50	7.50	7.50
	MM	140	140	140	165	165	165	165	191	191
G Return Size 4" & Larger are Flg	IN	3	3	3	4	4	4	4	6	6
	MM	76	76	76	102	102	102	102	152	152
H Return Height	IN	7	7	7	10	10	10	10	8.31	8.31
	MM	178	178	178	254	254	254	254	211	211
I Return Location	IN	9	9	9	12.50	12.50	12.50	12.50	16.50	16.50
	MM	229	229	229	318	318	318	318	419	419
J Stack Dia., O.D.	IN	6	6	8	8	10	10	10	12	14
	MM	152	152	203	203	254	254	254	305	356
K Stack Height	IN	17.50	17.50	17.50	16	16	16	16	18.63	18.63
	MM	445	445	445	406	406	406	406	473	473
L Drain Size	IN	1	1	1	1	1	1	1	1	1
	MM	25	25	25	25	25	25	25	25	25
N Condensate Drain Size	IN	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
	MM	19	19	19	19	19	19	19	19	19

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



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

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