



*"Quality Products by Loyal Craftsmen"*  
Steel Boilers & Water Heaters  
[www.aldrichco.com](http://www.aldrichco.com)

# A3C

## CONDENSING BOILERS

### FEATURES:

HIGH EFFICIENCY SOLUTIONS  
1,000,000 - 6,000,000 BTU/HR  
GAS • LP GAS • GAS/OIL  
30, 80 OR 160 PSI DESIGN PRS.  
HIGH MASS DESIGN  
LARGE WATER VOLUME  
DUPLEX SS HEAT EXCHANGER  
UP TO 10:1 TURNDOWN  
ADVANCED CONTROL TECHNOLOGY  
MAXIMUM PERFORMANCE  
HEAVY DUTY CONSTRUCTION  
THERMAL SHOCK PROOF DESIGN



### APPLICATIONS:

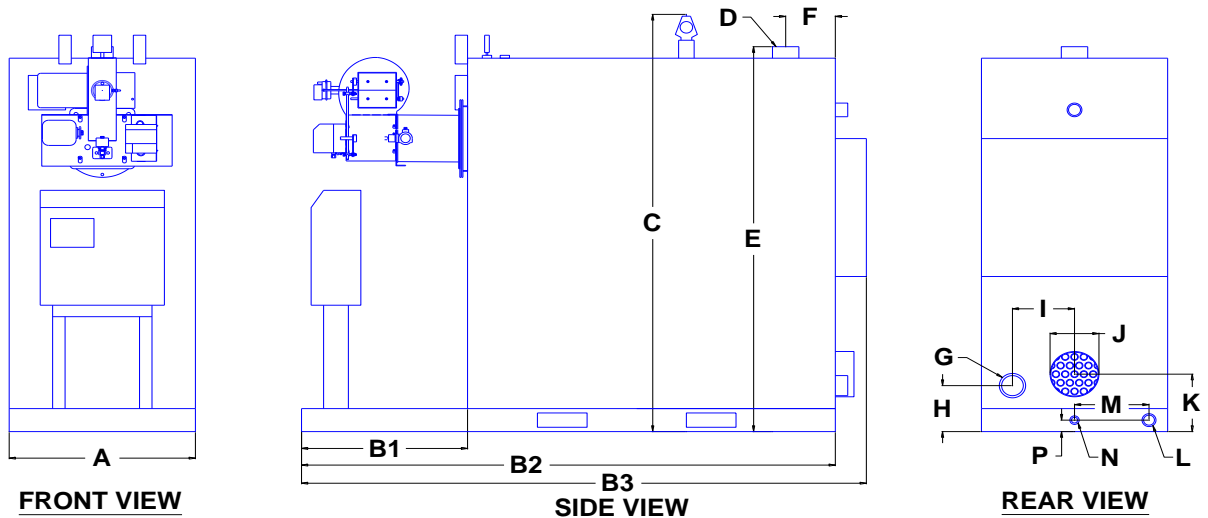
HOSPITALS  
K-12 EDUCATION  
UNIVERSITIES  
SPORTS AND RECREATION  
GOVERNMENT AGENCIES



# A3C BOILER RATINGS & DIMENSIONS

MODEL		A3C-	1000	1500	2000	2500	3000	4000	5000	6000
Input	MBH		1,000	1,500	2,000	2,500	3,000	4,000	5,000	6,000
	KW		293	440	586	733	879	1,172	1,465	1,758
Input (Oil)	GPH		7.1	10.7	14.3	17.9	21.4	28.6	35.7	42.9
	LPH		27.0	40.6	54.1	67.6	81.1	108.2	135.2	162.2
Efficiency/Output	%		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	3,800	4,700	5,640
	BHP		28	43	57	71	85	114	140	168
	KW		278	418	557	696	835	1,113	1,377	1,653
Water Cap.	Gal		113	113	148	218	218	280	320	440
	Liters		428	428	560	825	825	1060	1211	1666
Dry Weight	LBS		2,600	2,750	3,500	4,800	5,000	6,000	8,000	9,500
	KG		1,179	1,247	1,588	2,177	2,268	2,722	3,629	4,309
Operating Weight	LBS		3,541	3,691	4,733	6,616	6,816	8,332	10,666	13,165
	KG		1,606	1,674	2,147	3,001	3,092	3,780	4,838	5,972
A Width	IN		30	30	30	34	34	34	44	44
	MM		762	762	762	864	864	864	1118	1118
B1 Burner Platform	IN		26.75	26.75	26.75	30	30	30	30	30
	MM		679	679	679	762	762	762	762	762
B2 Base Length	IN		76.25	76.25	86	106.5	106.50	116.25	116.25	126
	MM		1937	1937	2184	2705	2705	2953	2953	3200
B3 Overall Length	IN		81.25	81.25	91	112	112	122	122	132
	MM		2064	2064	2311	2845	2845	3099	3099	3353
C Overall Height	IN		74	74	74	84	84	84	84	84
	MM		1880	1880	1880	2134	2134	2134	2134	2134
D Supply Size 4" & Larger are Flg	IN		3	3	3	4	4	4	6	6
	MM		76	76	76	102	102	102	152	152
E Supply Height	IN		67	67	67	78	78	78	78	78
	MM		1702	1702	1702	1981	1981	1981	1981	1981
F Supply Location	IN		5.50	5.50	5.50	6.50	6.50	6.50	7.50	7.50
	MM		140	140	140	165	165	165	191	191
G Return Size 4" & Larger are Flg	IN		3	3	3	4	4	4	6	6
	MM		76	76	76	102	102	102	152	152
H Return Height	IN		8	8	8	10	10	10	8.31	8.31
	MM		203	203	203	254	254	254	211	211
I Return Location	IN		10	10	10	12.50	12.50	12.50	16.50	16.50
	MM		254	254	254	318	318	318	419	419
J Stack Dia., O.D.	IN		6	6	6	8	8	10	12	14
	MM		152	152	152	203	203	254	305	356
K Stack Height	IN		10	10	10	16	16	16	18.63	18.63
	MM		254	254	254	406	406	406	473	473
L Drain Size	IN		1	1	1	1.5	1.5	1.5	1.5	1.5
	MM		25	25	25	38	38	38	38	38
M Drain Location	IN		12	12	12	14	14	14	18	18
	MM		305	305	305	356	356	356	457	457
N Condensate Drain Size	IN		1	1	1	1	1	1	1	1
	MM		25	25	25	25	25	25	25	25
P Condensate Location	IN		1	1	1	1	1	1	1	1
	MM		25	25	25	25	25	25	25	25

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

ALDRICH COMPANY • 341 EAST WILLIAMS ST., P.O. BOX 97, WYOMING, IL 61491 • TEL: 309-695-2311 • FAX: 309-695-5779

[WWW.ALDRICHCO.COM](http://WWW.ALDRICHCO.COM)