



"Quality Products by Loyal Craftsmen"

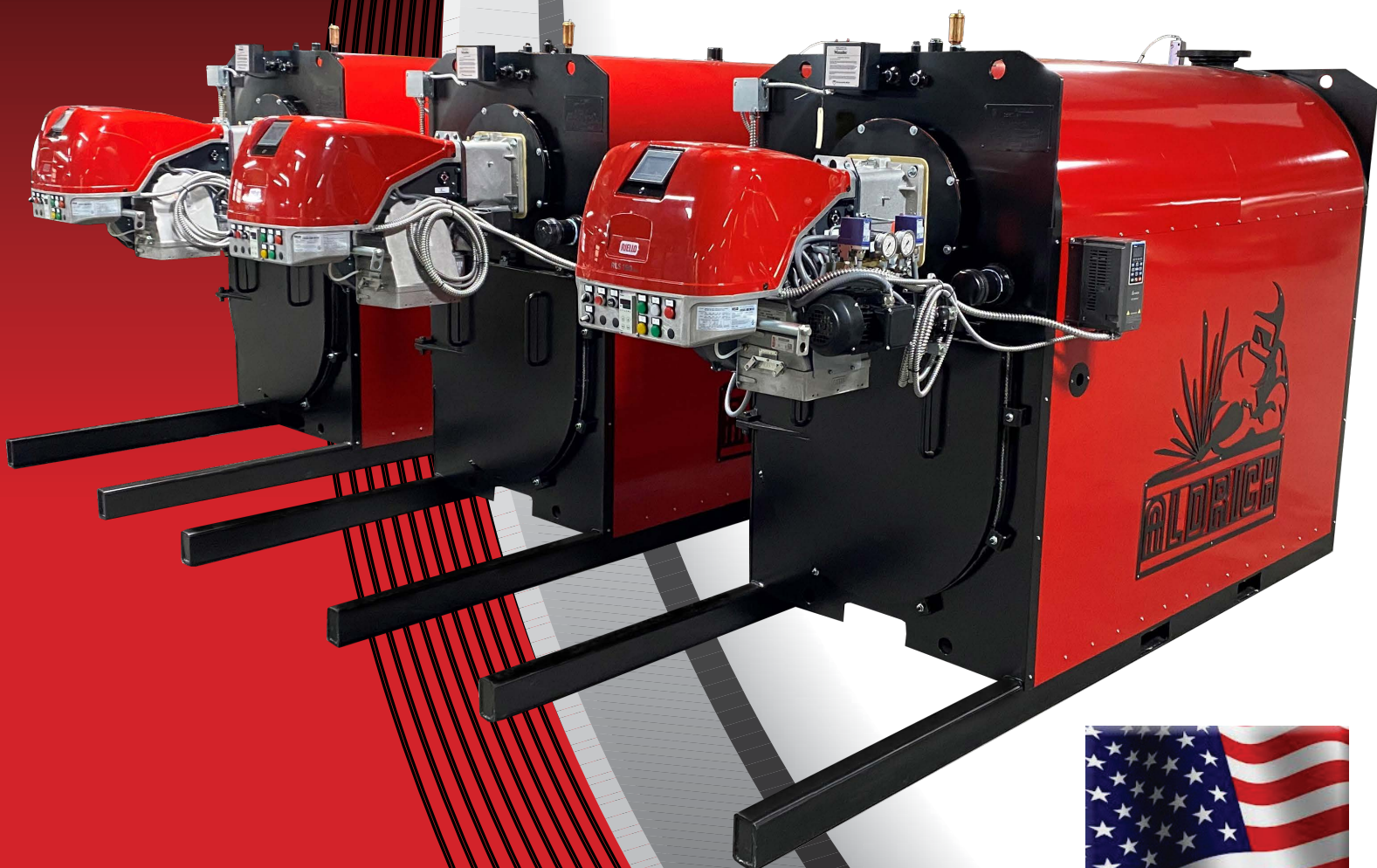
Steel Boilers & Water Heaters

www.aldrichco.com

A3C

CONDENSING BOILERS

- *399,000 - 12,000,000 BTU/HR*
- *THREE PASS FIRETUBE DESIGN*
- *HIGH MASS DESIGN*
- *DUPLEX STAINLESS STEEL HEAT EXCHANGER*
- *10 YEAR HEAT EXCHANGER WARRANTY*
- *THERMAL SHOCK PROOF DESIGN*
- *UP TO 10:1 TURNDOWN*
- *LINKAGELESS MODULATION*
- *NATURAL GAS • LP GAS • #2 OIL*
- *DUAL FUEL CAPABILITY WITH #2 OIL*

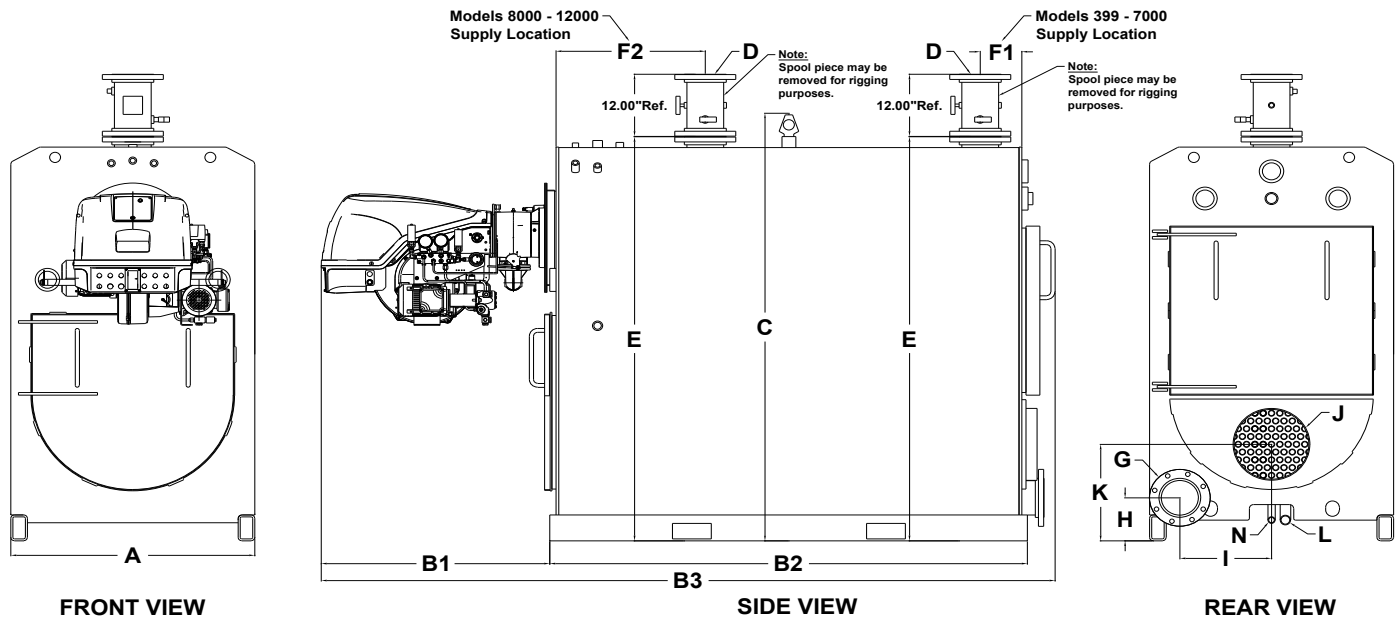


A3C BOILER RATINGS & DIMENSIONS

MODEL	A3C-	399	600	1000	1500	2000	2500	3000	3500	4000	5000	6000	7000	8000	10000	12000
Input	MBH	399	600	1,000	1,500	2,000	2,500	3,000	3,500	4,000	5,000	6,000	7,000	8,000	10,000	12,000
	kW	117	176	293	440	586	733	879	1,026	1,172	1,465	1,758	2,051	2,344	2,930	3,516
Input (Oil)	GPH	2.9	4.3	7.1	10.7	14.3	17.9	21.4	25.0	28.6	35.7	42.9	50.0	57.1	71.4	85.7
	LPH	10.8	16.2	27.0	40.6	54.1	67.6	81.1	94.6	108.2	135.2	162.2	189.3	216.3	270.4	324.5
Efficiency/Output (BTS-2000)	%	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	MBH	379	570	950	1,425	1,900	2,375	2,850	3,325	3,800	4,750	5,700	6,650	7,600	9,500	11,400
	BHP	11	17	28	43	57	71	85	99	114	142	170	199	227	284	341
	kW	111	167	278	418	557	696	835	974	1,113	1,392	1,670	1,948	2,227	2,784	3,340
Water Cap.	Gal	118	102	160	160	240	300	300	348	360	430	540	674	810	1060	1220
	Liters	447	386	606	606	908	1136	1136	1317	1363	1628	2044	2551	3066	4013	4618
Dry Weight	LBS	1,750	1,850	2,600	3,200	4,000	4,800	5,000	6,000	6,200	7,800	8,850	10,600	11,500	12,500	13,500
	KG	794	839	1,179	1,451	1,814	2,177	2,268	2,722	2,812	3,538	4,014	4,808	5,216	5,670	6,123
Operating Weight	LBS	2,733	2,700	3,933	4,533	5,999	7,299	7,499	8,899	9,199	11,382	13,348	16,214	18,247	21,330	23,663
	KG	1,240	1,225	1,784	2,056	2,721	3,311	3,401	4,036	4,173	5,163	6,055	7,355	8,277	9,675	10,733
A Width	IN	34	34	34	34	34	34	34	34	34	44	44	44	64	64	64
	MM	864	864	864	864	864	864	864	864	864	1118	1118	1118	1626	1626	1626
B1 Burner Length	IN	24	24	30	30	42	42	42	42	42	44	44	48	51	51	51
	MM	610	610	762	762	1067	1067	1067	1067	1067	1118	1118	1219	1295	1295	1295
B2 Base Length	IN	30.50	30.50	51.13	58.00	71.75	79.38	79.38	86.25	86.25	91.13	98.00	111.75	102.75	116.75	132.75
	MM	775	775	1299	1473	1822	2016	2016	2191	2191	2315	2489	2838	2610	2965	3372
B3 Overall Length	IN	59.50	59.50	86.13	93.00	118.75	126.38	126.38	133.25	133.25	140.13	147.00	164.75	158.75	172.75	188.75
	MM	1511	1511	2188	2362	3016	3210	3210	3385	3385	3559	3734	4185	4032	4388	4794
C Overall Height	IN	84	84	84	84	84	84	84	84	84	84	84	84	115	115	115
	MM	2134	2134	2134	2134	2134	2134	2134	2134	2134	2134	2134	2134	2921	2921	2921
D Supply Size 150# Flg Connection	IN	3	3	3	3	3	4	4	4	4	6	6	6	8	8	8
	MM	76	76	76	76	76	102	102	102	102	152	152	152	203	203	203
E Supply Height	IN	78	78	78	78	78	78	78	78	78	78	78	78	104	104	104
	MM	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	2642	2642	2642
F1 Supply Location	IN	5.50	5.50	5.50	5.50	5.50	6.50	6.50	6.50	6.50	7.50	7.50	7.50	---	---	---
	MM	140	140	140	140	140	165	165	165	165	191	191	191	---	---	---
F2 Supply Location	IN	---	---	---	---	---	---	---	---	---	---	---	---	30.00	42.00	54.00
	MM	---	---	---	---	---	---	---	---	---	---	---	---	762	1067	1372
G Return Size 150# Flg Connection	IN	3	3	3	3	3	4	4	4	4	6	6	6	8	8	8
	MM	76	76	76	76	76	102	102	102	102	152	152	152	203	203	203
H Return Height	IN	10	10	10	10	10	10	10	10	10	8.31	8.31	8.31	11.03	11.03	11.03
	MM	254	254	254	254	254	254	254	254	254	211	211	211	280	280	280
I Return Location	IN	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	16.50	16.50	16.50	25.25	25.25	25.25
	MM	318	318	318	318	318	318	318	318	318	419	419	419	641	641	641
J Stack Dia., O.D.	IN	6	6	6	6	8	8	10	10	10	12	14	16	18	18	20
	MM	152	152	152	152	203	203	254	254	254	305	356	406	457	457	508
K Stack Height	IN	16	16	16	16	16	16	16	16	16	18.63	18.63	18.63	27.75	27.75	27.75
	MM	406	406	406	406	406	406	406	406	406	473	473	473	705	705	705
L Drain Size	IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	MM	25	25	25	25	25	25	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	0.75	0.75	0.75	0.75	0.75	0.75
	MM	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

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

STANDARD DESIGN PRESSURES: A3C-399 - A3C-7000 = 160 PSI, A3C-8000 - A3C-12000 = 110 PSI



"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