



"Quality Products by Loyal Craftsmen"
Steel Boilers & Water Heaters
www.aldrichco.com

83 - 85% EFFICIENCY
VERTICAL FIRETUBE BOILER
ALL STEEL CONSTRUCTION
ASME SECTION IV
30-150 PSI DESIGN PRESSURE
THERMAL SHOCK PROOF DESIGN
MODELS: 165 – 2,750 MBH
GAS • OIL • COMBINATION GAS/OIL



AVW SERIES

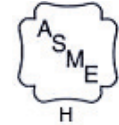
COMMERCIAL HYDRONIC BOILERS



LARGE WATER VOLUME
MODULAR BOILER SYSTEMS
ENGINEERED WITH WATER SURROUNDED FURNACE
STRUCTURAL STEEL BASE FOR EASE OF ACCESS & RIGGING
OPTIONAL HEAT EXCHANGER (TANKLESS COIL)
FOR INDIRECT LOADS
TURBULATORS FOR MAXIMUM HEAT TRANSFER



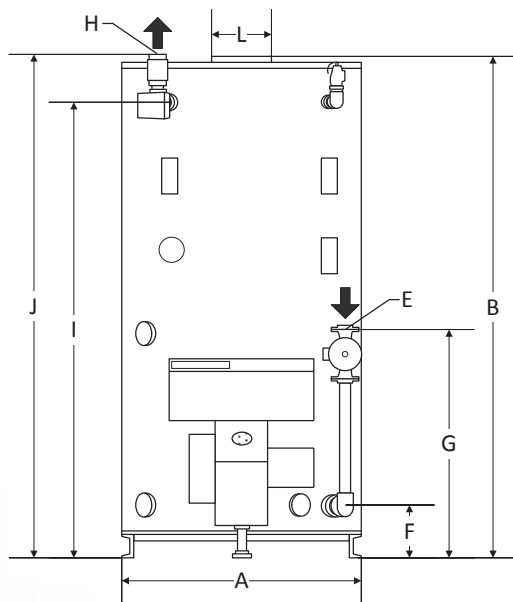
The forte of Aldrich Company has always been to only manufacture products of the highest quality and design, by using the finest materials available and employing loyal craftsmen with the skills and aptitude necessary towards this end. We outsource no sub-assemblies and we procure only domestic steel and tubing to fabricate our pressure vessels. All Aldrich boilers and water heaters are constructed and stamped to Section IV of the ASME code and registered with the National Board of Pressure Vessel Inspectors.



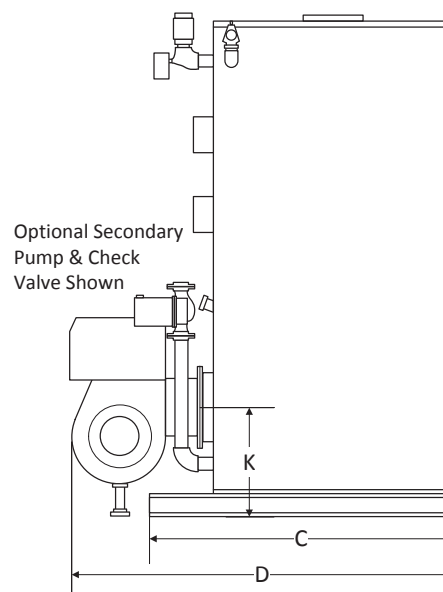
BOILER RATINGS & DIMENSIONS

MODEL: AVW-	25	37	50	60	70	78	100	110	135	150	180	200	220	245	270	315	340	375
Gas Input (MBH)	200	305	399	505	600	700	900	1,000	1,200	1,350	1,635	1,800	2,000	2,200	2,420	2,825	3,020	3,300
Oil Input (GPH)	1.4	2.2	2.9	3.6	4.3	5.0	6.4	7.1	8.6	9.6	11.7	12.9	14.3	15.7	17.3	20.2	21.6	23.6
Output (MBH)	165	250	330	420	500	575	750	835	1,000	1,125	1,360	1,500	1,675	1,840	2,010	2,345	2,510	2,750
Output (Horsepower)	5	7.5	10	12.5	15	17.5	22.5	25	30	33.5	40	45	50	55	60	70	75	82.5
Htg Surf. FS (Sq Ft)	24	33	45	53	61	70	90	98	122	136	162	180	199	222	244	282	307	338
Htg Surf. WS (Sq Ft)	26	36	50	58	66	77	99	108	134	151	179	200	220	246	271	313	340	375
Furnace Vol (Cu Ft)	1.9	1.9	3.3	3.3	4.3	4.3	5.6	6.1	7.7	8.4	9.1	10.7	11.7	13.8	14.7	17.3	17.6	20.6
Water Cap. (Gal, Full)	41	38	59	57	78	75	98	92	124	115	153	136	190	169	240	209	272	240
Dry Weight (LBS)	500	550	775	825	975	1,025	1,225	1,275	1,500	1,575	1,825	1,925	2,150	2,275	2,550	2,775	3,150	3,350
A Width	22	22	25	25	28	28	30 1/2	30 1/2	34 1/2	34 1/2	36 1/2	36 1/2	41	41	45	45	49	49
B Height	53	53	64	64	66	66	71	71	71	71	77	77	78	78	78	78	78	78
C Length of Skid	30	30	36	36	36	36	39	39	43	43	45	45	50	50	54	54	57	57
D Overall Length	48	48	51	51	54	54	56	56	62	62	64	64	72	72	78	78	88	88
E Return Size *	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2 1/2	2 1/2	3	3	3	3	3	3
F Return Height	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8
G Return Height with Pump	26	26	26	26	28	28	28	28	30	30	30	30	32	32	38	38	38	38
H Supply Size *	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2 1/2	2 1/2	3	3	3	3	3	3
I Supply Height	48	48	59	59	60	60	66	66	65	65	72	72	73	73	73	73	73	73
J Supply Height with CV	54	54	65	65	66	66	72	72	72	72	78	78	82	82	82	82	82	82
K Burner Port Height	12	12	13	13	14	14	16	16	16	16	16	16	17	17	17	17	17	17
L Flue Size	5	5	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12

ALL DIMENSIONS ARE IN INCHES. DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. RETURN/SUPPLY SIZES AS LISTED MAY BE INCREASED FOR HIGH FLOW APPLICATIONS.



FRONT VIEW



SIDE VIEW

QUALITY • PERFORMANCE • EFFICIENCY • EXPERIENCE

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