

REFERENCE DESCRIPTION	
1	BOILER TEMPERATURE CONTROLLERS
2	OPTIONAL OUTDOOR EXHAUST VENT BOILER CAP
3	120 VOLT HOT WATER CIRCULATOR PUMP
4	HOT WATER BLADDER TANK
5	BLADDER TANK AIR BLEED
6	SLIP PROCESS WATER INLET (SEE CHART)
7	SLIP PROCESS WATER OUTLET (SEE CHART)
8	SCH 40 CPVC PROCESS HEAT EXCHANGER SHELL
9	GD2 TITANIUM TUBE BUNDLE WITH 1/2" TUBES
10	BOILER SYSTEM DRAIN / FILL VALVE
11	OPTIONAL OUTDOOR COMBUSTION AIR INTAKE COVER
12	BOILER WATER THERMOMETERS / PRESSURE GAUGES
13	GAS BOILER CONNECTION (SEE CHART)
14	SAFETY FLOW SWITCH (PROCESS SIDE)
15	304 STAINLESS STEEL STAND
16	MAIN POWER IN
17	BOILER DIAGNOSTICS CENTER
18	POOL TEMPERATURE CONTROLLER

ALB SERIES TITANIUM GAS FIRED WATER HEATER PACKAGES																
MODEL	VOLTAGE / AMPS	INPUT MBTUH	IBR NET OUTPUT RATING MBTUH / KW	AFUE (%)	NATURAL GAS CONSUMPTION (Ft ³ /Hr.)	PROPANE GAS (LP) CONSUMPTION (GPH)	GAS CONNECTION (NPT)	FLUE (DIA)	WATER IN/OUT (NPS)	WATER FLOW RATE (GPM)	A (IN)	L (IN)	*L1 (IN)	*W (IN)	*H (IN)	*SHIP WEIGHT (LBS)
ALB-1058	120 / < 25	1262	1058 / 309	84	1223	13.8	2"	12	3"	100	34	86	90	40	91	1600
ALB-1285	120 / < 25	1532	1285 / 376	84	1485	16.7	2"	12	3"	100	40	98	102	40	91	1850
ALB-1512	120 / < 25	1802	1512 / 454	84	1748	19.7	2"	14	3"	100	45.5	110	115	40	91	2125
ALB-1966	120 / < 25	2342	1966 / 575	84	2272	25.6	2"	16	3"	100	57	138	143	40	91	2400

HEATER SIDE	CLEARANCES			
	INDOOR		OUTDOOR	
	MINIMUM	SERVICE	MINIMUM	SERVICE
BACK	1"	6"	12"	24"
LEFT	12"	24"	36"	36"
RIGHT	1"	24"	36"	36"
TOP	1"	6"	+	+
FRONT	OPEN	24"	OPEN	24"
VENT	2"	2"	N/A	N/A

* APPROXIMATE SHIPPING SIZE AND WEIGHT


+ UNOBSTRUCTED

± FLOW SWITCH INSTALLATION

NOTES:

FLOW SWITCH MUST BE INSTALLED VERTICAL ON A HORIZONTAL PIPE WITH AT LEAST 20 INCHES OF STRAIGHT PIPE ON THE WATER INLET SIDE AND AT LEAST 12 INCHES OF STRAIGHT PIPE ON THE WATER OUTLET SIDE.

- ALL HEATERS INCLUDE G1 CSD-1 SAFETY PACKAGE AND IS G-12 CALIFORNIA CODE COMPLAINT.
- HEATER INPUT AND OUTPUT MUST BE DE-RATED 4% PER 1000 FEET ABOVE SEA LEVEL WHEN INSTALLED ABOVE 4500 FEET ALTITUDE.
- RECOMMENDED NATURAL GAS PRESSURE IS 7-10.5" WC. FOR PROPANE GAS PRESSURE IS 11-13" WC
- WARNING: FOR INDOOR VENTING, PVC CANNOT BE USED FOR VENTING.

TITLE	ALB-1058 THRU ALB-1966 GAS FIRED HEATERS	PROJECT	AQUA LOGIC	FILE	C:\AutoCad Files\Heaters\ALB-1058 thru 1966 System Heaters 10-13-15.dwg	DRAWING NO	00	EDITED	1/19/2016	SCALE	1:1	 AQUA LOGIC, INC 9558 CAMINO RUIZ, SAN DIEGO, CA. 92126
	CLIENT	AQUA LOGIC	DRAWN BY			CEPPS	CREATED	4/28/2015	PAGE	1 of 1		