



AQUAS™ PRODUCT SUMMARY
(AP) 285,000-2,000,000 BTU/HR

	AP-1000	AP-1250	AP-1500	AP-2000
WATER				
GALLON CAPACITY (BOILER)	77	87	94	111
HEATING SURFACE (SQ. FT.) (BOILER)	97	132	153	187
DRAIN	1-1/2"	1-1/2"	1-1/2"	1-1/2"
20°F ΔT WATER FLOW (GPM)	96	120	144	192
HEAD LOSS (FT. OF HD.)	2.1	3	3.1	4.3
40°F ΔT WATER FLOW (GPM)	48	60	72	96
HEAD LOSS (FT. OF HD.)	1	0.9	1	1.3
MAX. WORKING PRESSURE (PSI)	160	160	160	160
# OF RELIEF VALVES	1	1	1	1
RELIEF VALVE SIZE	1"	1"	1"	1 1/4"
RELIEF VALVE RATING (MBH)	1,954,000	1,954,000	1,954,000	3,075,000
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50
GAS				
INLET CONNECTION	1 1/4 "	1 1/4 "	1 1/2"	1 1/2"
MAX. INLET PRESSURE, NAT	14" w.c	14" w.c	14" w.c	14" w.c
MIN. INLET PRESSURE, NAT	4" w.c.	4" w.c.	4" w.c.	4" w.c.
MAX. INLET PRESSURE, LP	14" w.c	14" w.c	14" w.c	14" w.c
MIN. INLET PRESSURE, LP	4" w.c.	4" w.c.	4" w.c.	4" w.c.
BTU/HR INPUT	1,000,000	1,250,000	1,500,000	2,000,000
BTU/HR OUTPUT (HIGH FIRE)	960,000	1,200,000	1,440,000	1,920,000
BTU/HR OUTPUT (LOW FIRE)	48,100	60,125	57,720	76,960
ELECTRICAL				
VOLTAGE/HEATER	120/1PH	120/1PH	120/1PH	120/1PH
VOLTAGE/CONTROL	24	24	24	24
TOTAL AMPS (BOILER & PUMPS)	6.0	7	10.0	13
# OF ELECTRICAL CONNECTIONS	1	1	1	1
DIMENSIONS				
HEIGHT	82 5/32"	82 5/32"	82 5/32"	82 5/32"
WIDTH OF POOL HEX	-	-	-	-
WIDTH OF FRAME	40"	40"	45"	45"
DEPTH	82"	82"	100"	100"
SERVICE CLEARANCES				
FRONT	30"	30"	30"	30"
BACK OF PACKAGE	18"	18"	18"	18"
RIGHT SIDE OF BOILER	24"	24"	24"	24"
LEFT SIDE OF BOILER	24"	24"	24"	24"
TOP	24"	24"	24"	24"
POOL HEAT EXCHANGER (RECOMMEND ALL SIDES)	18"	18"	18"	18"
POOL HEAT EXCHANGER				
RECOMMENDED POOL WATER FLOW (GPM)	133	133	266	266
CONNECTION SIZE	2"	2"	4"	4"
DIRECT VENTING				
VENT SIZE	6"	8"	8"	8"
AIR INLET SIZE	6"	6"	8"	8"
VENT CATEGORY	IV	IV	IV	IV
VENT MATERIAL	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS

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