



AQUAS™ PRODUCT SUMMARY

	AP-750	AP-1000	AP-1250	AP-1500	AP-1750	AP-2000
WATER						
GALLON CAPACITY (BOILER)	73	77	87	94	106	111
HEATING SURFACE (SQ. FT.) (BOILER)	87	97	132	153	176	187
DRAIN	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
20°F ΔT WATER FLOW (GPM)	72	96	120	144	168.35	192
HEAD LOSS (FT. OF HD.)	4.8	2.1	3	3.1	3.7	4.3
40°F ΔT WATER FLOW (GPM)	36	48	60	72	84.175	96
HEAD LOSS (FT. OF HD.)	3	1	0.9	1	1.1	1
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160	160
# OF RELIEF VALVES	1	1	1	1	1	1
RELIEF VALVE SIZE	1-1/4"	1"	1"	1"	1"	1-1/4"
RELIEF VALVE RATING (MBH)	1,954,000	1,954,000	1,954,000	1,954,000	1,954,000	3,075,000
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50	50
GAS						
INLET CONNECTION	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
MAX. INLET PRESSURE, NAT	14" w.c	14" w.c	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.	4" w.c.	4" w.c.
MAX. INLET PRESSURE, LP	14" w.c	14" w.c	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.	4" w.c.	4" w.c.
BTU/HR INPUT	750,000	999,000	1,250,000	1,500,000	1,750,000	1,999,000
BTU/HR OUTPUT (HIGH FIRE)	720,000	960,000	1,200,000	1,440,000	1,680,000	1,920,000
BTU/HR OUTPUT (LOW FIRE)	48,100	48,100	60,125	57,720	67,340	76,960
ELECTRICAL						
VOLTAGE/HEATER	120/1PH	120/1PH	120/1PH	120/1PH	120/1PH	120/1PH
VOLTAGE/CONTROL	24	24	24	24	24	24
AMP DRAW (BOILER)	5	6	7	10	10	13
AMP DRAW (PUMP)	9	9	9	9	9	9
# OF ELECTRICAL CONNECTIONS	2	2	2	2	2	2
DIMENSIONS						
HEIGHT	79"	79"	79"	79"	79"	79"
WIDTH OF FRAME	30"	30"	30"	30"	30"	30"
DEPTH	87-3/4"	87-3/4"	87-3/4"	97-3/4"	97-3/4"	97-3/4"
SERVICE CLEARANCES						
FRONT	30"	30"	30"	30"	30"	30"
BACK OF PACKAGE	18"	18"	18"	18"	18"	18"
RIGHT SIDE OF BOILER	24"	24"	24"	24"	24"	24"
LEFT SIDE OF BOILER	24"	24"	24"	24"	24"	24"
TOP	24"	24"	24"	24"	24"	24"
POOL HEAT EXCHANGER (RECOMMEND ALL SIDES)	18"	18"	18"	18"	18"	18"
POOL HEAT EXCHANGER						
RECOMMENDED POOL WATER FLOW (GPM)	96	128	167	192	215	225
CONNECTION SIZE	3"	3"	3"	3"	3"	3"
DIRECT VENTING						
VENT SIZE	6"	6"	8"	8"	8"	8"
AIR INLET SIZE	6"	6"	6"	8"	8"	8"
VENT CATEGORY	IV	IV	IV	IV	IV	IV
VENT MATERIAL	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS	PVC/CPVC/PP/SS

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