



ARMOR[®] WATER HEATER PRODUCT SUMMARY

(AWH) 1,250,000 - 4,000,000 BTU/HR

	AWH-1.25	AWH-1.5	AWH-2.0	AWH-3.0	AWH-4.0
WATER					
GALLON CAPACITY	11.0	13.0	17.0	25.0	41.0
HEATING SURFACE (SQ. FT.)	100.2	119.8	153.2	300.7	402.9
WATER CONNECTIONS	2-1/2"	2-1/2"	2-1/2"	4"	4"
DRAIN	3/4"	3/4"	3/4"	3/4"	3/4"
WATER FLOW RATE (GPM)	112	115	145	270	290
HEAD LOSS (FT. OF HD.)	23	22	27	24	19
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160
MAX. WATER HARDNESS (GRAINS)	15	15	15	15	15
GPH @ 70°F RISE	2121	2545	3394	5091	6788
GPH @ 100°F RISE	1485	1782	2376	3564	4752
GPH @ 140°F RISE	1061	1273	1697	2545	3394
# OF RELIEF VALVES	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	1"	2"	2"
RELIEF VALVE RATING (MBH)	1,912,000	1,912,000	2,155,000	6,379,000	6,379,000
RELIEF VALVE PRESSURE RATING (PSI)	150	150	150	150	150
RELIEF VALVE TEMPERATURE RATING (°F)	210	210	210	210	210
GAS					
INLET CONNECTION	1-1/2"	1-1/2"	1-1/2"	2"	2-1/2"
MAX. INLET PRESSURE, NAT	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.
MAX. INLET PRESSURE, LP	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, LP	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
BTU/HR INPUT	1,250,000	1,500,000	2,000,000	3,000,000	4,000,000
ELECTRICAL					
VOLTAGE & PHASE / HEATER	120V / 1ø	120V / 1ø	208V / 3ø	208V / 3ø	480V / 3ø
AMPS / HEATER	9.9	7.8	1.3	2.0	2.3
VOLTAGE & PHASE / PUMP	120V / 1ø	120V / 1ø	208V / 3ø	208V / 3ø	480V / 3ø
AMPS / PUMP	11.2	11.2	9.6	13.4	6.1
TOTAL AMPS / HEATER & PUMP	21.1	19.0	10.9	15.4	8.4
VOLTAGE / CONTROL	24	24	24	24	24
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1
DIMENSIONS					
HEIGHT	51-1/2"	51-1/2"	51-1/2"	67-1/4"	67-1/4"
WIDTH	34"	34"	34"	48-1/4"	48-1/4"
DEPTH	59"	62-3/4"	75-1/2"	93-3/4"	110"
SERVICE CLEARANCES					
FRONT	36"	36"	36"	36"	36"
BACK	24"	24"	24"	24"	24"
RIGHT SIDE	24"	24"	24"	24"	24"
LEFT SIDE	24"	24"	24"	24"	24"
TOP	0"	0"	0"	0"	0"
DIRECT VENTING					
SIZE	6" or 8"	6" or 8"	8"	10"	12"
VENT CATEGORY	IV	IV	IV	IV	IV
VENT MATERIAL (all models)	PVC / CPVC / Polypropylene / Stainless Steel				

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