



INTELLI-FIN[®] WATER HEATER PRODUCT SUMMARY

(IW) 1,500,000 - 2,000,000 BTU/HR

	IW-1500	IW-1700	IW-2000
WATER			
GALLON CAPACITY	8.6	8.8	9.2
HEATING SURFACE (SQ. FT.)	156.8	177.8	209.4
WATER CONNECTIONS	3"	3"	3"
DRAIN	2@3/4"	2@3/4"	2@3/4"
WATER FLOW RATE (GPM)	90	90	90
HEAD LOSS (FT. OF HD.)	15.0	15.0	15.0
MAX. WORKING PRESSURE (PSI)	160	160	160
MAX. WATER HARDNESS (GRAINS)	25	25	25
GPH @ 70°F RISE	2,429	2,752	3,238
GPH @ 100°F RISE	1,700	1,927	2,267
GPH @ 140°F RISE	1,214	1,376	1,619
# OF RELIEF VALVES	1	1	1
RELIEF VALVE SIZE	1"	1"	1"
RELIEF VALVE RATING (MBH)	2,155	2,155	2,155
RELIEF VALVE PRESSURE RATING (PSI)	150	150	150
RELIEF VALVE TEMPERATURE RATING (°F)	210	210	210
GAS			
INLET CONNECTION	1-1/2"	1-1/2"	1-1/2"
MAX. INLET PRESSURE, NAT	10.5" w.c.	10.5" w.c.	10.5" w.c.
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.0" w.c.
MANIFOLD PRESSURE, NAT	3.5" w.c.	3.5" w.c.	3.5" w.c.
MAX. INLET PRESSURE, LP	13.0" w.c.	13.0" w.c.	13.0" w.c.
MIN. INLET PRESSURE, LP	4.0" w.c.	4.0" w.c.	4.0" w.c.
MANIFOLD PRESSURE, LP	3.5" w.c.	3.5" w.c.	3.5" w.c.
BTU/HR INPUT	1,500,000	1,700,000	2,000,000
ELECTRICAL			
VOLTAGE/HEATER	120	120	120
VOLTAGE/PUMP	120	120	120
VOLTAGE/CONTROL	24	24	24
TOTAL AMPS W/PUMP	15.5	16.0	16.0
# OF ELECTRICAL CONNECTIONS	1 - (2@15A)	1 - (2@15A)	1 - (2@15A)
DIMENSIONS			
HEIGHT	67-3/4"	72-1/4"	79"
WIDTH	28-1/2"	28-1/2"	28-1/2"
DEPTH (INCLUDES PUMP)	49-3/4"	49-3/4"	49-3/4"
SERVICE CLEARANCES			
FRONT	24"	24"	24"
BACK (PIPING)	24"	24"	24"
RIGHT SIDE	0"	0"	0"
LEFT SIDE	0"	0"	0"
TOP	24"	24"	24"
VENTING			
SIZE	6"	7"	8"
VENT CATEGORY	IV	IV	IV
VENT MATERIAL	AL29-4C	AL29-4C	AL29-4C

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