



# EFFICIENCY+<sup>®</sup> WATER HEATER PRODUCT SUMMARY

(EW) 150,000 - 300,000 BTU/HR

	EW-150	EW-200	EW-250	EW-300
<b>WATER</b>				
GALLON CAPACITY	1.4	1.5	1.5	1.6
HEATING SURFACE (SQ. FT.)	17.9	24.0	29.8	35.9
WATER CONNECTIONS	2"	2"	2"	2"
DRAIN	3/4"	3/4"	3/4"	3/4"
WATER FLOW RATE (GPM)	55	55	55	55
HEAD LOSS (FT. OF HD.)	3.7	3.8	3.9	4.0
MAX. WORKING PRESSURE (PSI)	160	160	160	160
MAX. WATER HARDNESS (GRAINS)	25	25	25	25
GPH @ 70°F RISE	221	294	368	442
GPH @ 100°F RISE	155	206	258	309
GPH @ 140°F RISE	110	147	184	221
# OF RELIEF VALVES	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"
RELIEF VALVE RATING (MBH)	500	500	500	500
RELIEF VALVE PRESSURE RATING (PSI)	150	150	150	150
RELIEF VALVE TEMPERATURE RATING (°F)	210	210	210	210
<b>GAS</b>				
INLET CONNECTION	3/4"	3/4"	3/4"	3/4"
MAX. INLET PRESSURE, NAT	10.5" w.c.	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.	4.0" w.c.
MANIFOLD PRESSURE, NAT	1.8" w.c.	1.8" w.c.	1.8" w.c.	1.8" w.c.
MAX. INLET PRESSURE, LP	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.
MIN. INLET PRESSURE, LP	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
MANIFOLD PRESSURE, LP	4.6" w.c.	4.6" w.c.	4.6" w.c.	4.6" w.c.
BTU/HR INPUT	150,000	199,999	250,000	300,000
<b>ELECTRICAL</b>				
VOLTAGE/HEATER	120	120	120	120
VOLTAGE/PUMP	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24
TOTAL AMPS W/PUMP	11.0	11.0	11.0	11.0
# OF ELECTRICAL CONNECTIONS	1	1	1	1
<b>DIMENSIONS</b>				
HEIGHT	28"	28"	28"	28"
WIDTH (INCLUDES PUMP)	38-1/4"	42-1/4"	46"	49-3/4"
DEPTH	23-3/4"	23-3/4"	23-3/4"	23-3/4"
<b>SERVICE CLEARANCES</b>				
FRONT	24"	24"	24"	24"
BACK	1"	1"	1"	1"
RIGHT SIDE	1"	1"	1"	1"
LEFT SIDE (PIPING)	24"	24"	24"	24"
TOP	3"	3"	3"	3"
<b>VENTING</b>				
SIZE	5"	5"	6"	6"
VENT CATEGORY	I	I	I	I
VENT MATERIAL	B-VENT	B-VENT	B-VENT	B-VENT
MAXIMUM DRAFT	-0.05" w.c.	-0.05" w.c.	-0.05" w.c.	-0.05" w.c.
MINIMUM DRAFT	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.
<b>DIRECT VENTING</b>				
SIZE	4"	4"	5"	5"
VENT CATEGORY	IV	IV	IV	IV
VENT MATERIAL	AL29-4C	AL29-4C	AL29-4C	AL29-4C

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EW-PS-06 (Replaces EW-PS-05 4/07)

11/07-Printed in U.S.A.