

ENERGYRITE® POOL HEATER PRODUCT SUMMARY
(ER) 150,000 - 400,000 BTU/HR

	ER-152	ER-202	ER-252	ER-302	ER-402
WATER					
GALLON CAPACITY (NON-ASME)	0.58	0.58	0.59	0.59	0.60
GALLON CAPACITY (ASME)	0.83	0.84	0.84	0.85	0.85
WATER CONNECTIONS	2"	2"	2"	2"	2"
DRAIN	3/4"	3/4"	3/4"	3/4"	3/4"
MAX. NON-ASME WORKING PRESSURE (PSI)	50	50	50	50	50
MAX. ASME WORKING PRESSURE (PSI)	125	125	125	125	125
RELIEF VALVES (OPTIONAL)					
# OF RELIEF VALVES	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	3/4"
RELIEF VALVE RATING (MBH)	510	510	510	510	510
RELIEF VALVE PRESSURE RATING (PSI)	30	30	30	30	30
GAS					
INLET CONNECTION	3/4"	3/4"	3/4"	3/4"	3/4"
MAX. INLET PRESSURE, NAT	14" w.c.	14" w.c.	14" w.c.	14" w.c.	14" w.c.
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.5" w.c.	4.5" w.c.	5.0" w.c.
MANIFOLD PRESSURE, NAT	1.8" w.c.	1.8" w.c.	1.8" w.c.	1.8" w.c.	1.8" w.c.
MAX. INLET PRESSURE, LP	14" w.c.	14" w.c.	14" w.c.	14" w.c.	14" 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.
MANIFOLD PRESSURE, LP	4.6" w.c.	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	400,000
ELECTRICAL					
VOLTAGE/HEATER	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24
TOTAL AMPS	0.7	1.0	1.0	1.0	1.0
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1
DIMENSIONS					
HEIGHT	26-1/2"	26-1/2"	26-1/2"	26-1/2"	26-1/2"
WIDTH	23"	26-1/2"	30"	33-3/4"	41"
DEPTH	22"	22"	22"	22"	22"
SERVICE CLEARANCES					
FRONT	24"	24"	24"	24"	24"
BACK	3"	3"	3"	3"	3"
RIGHT SIDE	3"	3"	3"	3"	3"
LEFT SIDE (PIPING)	24"	24"	24"	24"	24"
TOP	3"	3"	3"	3"	3"
VENTING					
SIZE	5"	5"	6"	6"	6"
VENT CATEGORY	I	I	I	I	I
VENT MATERIAL	B-VENT	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.	-0.05" w.c.
MINIMUM DRAFT	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.
DIRECT VENTING					
SIZE	4"	4"	5"	5"	6"
VENT CATEGORY	IV	IV	IV	IV	IV
VENT MATERIAL	AL29-4C	AL29-4C	AL29-4C	AL29-4C	AL29-4C