



EFFICIENCY+[®] BOILER PRODUCT SUMMARY

100,000-300,000 BTU/HR

EFFICIENCY+® GAS BOILERS

	EB-100	EB-150	EB-200	EB-250	EB-300
WATER					
GALLON CAPACITY	0.81	1.36	1.44	1.52	1.60
WATER CONNECTIONS	1-1/4"	2"	2"	2"	2"
DRAIN	3/4"	3/4"	3/4"	3/4"	3/4"
MAX. WATER FLOW (GPM)	30	60	60	60	60
MIN. WATER FLOW (GPM)	4	6	8	10	12
MAX. HEAD LOSS (FT. OF HD.)	3.8	3.3	3.8	3.9	4.9
MIN. HEAD LOSS (FT. OF HD.)	0.2	0.2	0.3	0.4	0.5
MAXIMUM WORKING PRESSURE (PSI)	160	160	160	160	160
MINIMUM WORKING PRESSURE (PSI)	12	12	12	12	12
RELIEF VALVE SIZE (MBH)	500	500	500	500	500
# OF RELIEF VALVES	1	1	1	1	1
RELIEF VALVE SIZE (DIA.)	3/4"	3/4"	3/4"	3/4"	3/4"
PRESSURE RATING (PSI)	30	30	30	30	30
HEATING SURFACE (SQ. FT.)	12.0	17.9	24.0	29.8	35.9
GAS					
INLET CONNECTION	1/2"	3/4"	3/4"	3/4"	3/4"
MAX. INLET PRESSURE NAT (WC)	10.5	10.5	10.5	10.5	10.5
MIN. INLET PRESSURE NAT (WC)	4.7	4.7	4.7	4.7	4.7
MANIFOLD PRESSURE SETTING NAT (WC)	1.8	1.8	1.8	1.8	1.8
MAX. INLET PRESSURE LP (WC)	13	13	13	13	13
MIN. INLET PRESSURE LP (WC)	8	8	8	8	8
MANIFOLD PRESSURE SETTING LP (WC)	4.6	4.6	4.6	4.6	4.6
BTU/HR INPUT	100,000	150,000	199,999	250,000	300,000
BTU/HR OUTPUT	84,000	126,000	167,999	210,000	252,000
ELECTRICAL					
VOLTAGE/HEATER	120	120	120	120	120
CONTROL VOLTAGE	24	24	24	24	24
TOTAL AMPS	5.12	5.12	5.12	5.12	5.12
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1
DIMENSIONS (INCHES)					
HEIGHT	28"	28"	28"	28"	28"
WIDTH	18-3/4"	19-3/4"	23-3/4"	27-1/2"	31-1/4"
DEPTH	23-3/4"	23-3/4"	23-3/4"	23-3/4"	23-3/4"
SERVICE CLEARANCES (INCHES)					
FRONT	24"	24"	24"	24"	24"
BACK	1"	1"	1"	1"	1"
RIGHT SIDE	1"	1"	1"	1"	1"
LEFT SIDE (PIPING)	24"	24"	24"	24"	24"
TOP	3"	3"	3"	3"	3"
CONV. VENTING					
SIZE (INCHES)	4"	5"	5"	6"	6"
CATEGORY	I	I	I	I	I
MAXIMUM DRAFT (INCHES W.C.)	-0.05	-0.05	-0.05	-0.05	-0.05
MINIMUM DRAFT (INCHES W.C.)	-0.02	-0.02	-0.02	-0.02	-0.02
VENT MATERIAL	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT
SIDE WALL DIRECT VENTING					
SIZE (INCHES)	3"	4"	4"	5"	5"
CATEGORY	IV	IV	IV	IV	IV
MAXIMUM DRAFT (INCHES W.C.)	-0.05	-0.05	-0.05	-0.05	-0.05
MINIMUM DRAFT (INCHES W.C.)	-0.02	-0.02	-0.02	-0.02	-0.02
VENT MATERIAL*	AL29-4C	AL29-4C	AL29-4C	AL29-4C	AL29-4C

*AIR INLET MAY BE: PVC, CPVC, OR ABS PIPE



Lochinvar Corporation • 300 Maddox Simpson Pkwy • Lebanon, TN 37090 • 615-889-8900 / Fax: 615-547-1000

www.Lochinvar.com