



RATINGS CHART – ELECTRIC BOILERS

MONITRON II

Boiler Model No.	SINGLE PHASE * KW at 240 VAC	SINGLE PHASE D.O.E Capacity *(Btu/hr) at 240 VAC	Neutral Lug Size (AWG)		SINGLE PHASE — THREE WIRE			THREE PHASE — FOUR WIRE 208/240 VAC WYE				
			Solid Cu	Stranded Cu	Main Lug Size (AWG) CU	Grounding Lug Size (AWG) Cu	† ** Heater Amps at 240 VAC	KW at 208 VAC	D.O.E Capacity (Btu/h) at 208 VAC	Main Lug Size (AWG) CU	Grounding Lug Size (AWG) Cu	† Heater Amps at 208 VAC
EH-8M2	8	27000	14-12	12	6-2/0	6-2/0	33	—	—	—	—	—
EH-10M2	10	34000	14-12	12	6-2/0	6-2/0	42	—	—	—	—	—
EH-12M2	12	41000	14-12	12	6-2/0	6-2/0	50	9.012	31000	6-2/0	6-2/0	43.4
EH-16M2	16	55000	14-12	12	6-2/0	6-2/0	67	12.016	41000	6-2/0	6-2/0	‡57.8
EH-20M2	20	68000	14-12	12	6-2/0	6-2/0	83	15.020	51000	6-2/0	6-2/0	‡72
EH-24M2	24	82000	14-12	12	6-2/0	6-2/0	100	18.024	62000	6-2/0	6-2/0	‡69
EH-28M2	28	96000	14-12	12	2-250 MCM	6-2/0	117	21.028	72000	6-2/0	6-2/0	‡69
EH-32M2	32	109000	14-12	12	2-250 MCM	6-2/0	133	24.032	82000	6-2/0	6-2/0	‡83
EH-40M2	40	137000	14-12	12	2-310 MCM	6-2/0	167	30.040	103000	6-2/0	6-2/0	‡108.3

* Multiply by 0.751 for values at 208 volts AC.

** Multiply by 0.867 for values at 208 volts AC.

† For total current add, to the value shown in the table, the current draw for circulator and/or zone valve transformer (10 Amp. max.),

‡ Leg with the highest value of line current of an unbalanced 3 phase load.