



Lectrus™ Commercial Electric Boiler Product Summary 15-150 KW

	KEB0015	KEB0030	KEB0045	KEB0060	KEB0075	KEB0090	KEB0105	KEB0120	KEB0135	KEB0150
PERFORMANCE										
KW	15	30	45	60	75	90	105	120	135	150
BTU/H HEATING	51,180	102,360	153,540	204,720	255,900	307,080	358,260	409,440	460,620	511,800
Element Quantity	1	2	3	4	5	6	7	8	9	10
WATER										
GALLON CAPACITY	17	17	17	17	17	17	32	32	32	32
INLET CONNECTION	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT
OUTLET CONNECTION	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT
DRAIN	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
MAXIMUM FLOW RATE (GPM)	105	105	105	105	105	105	105	105	105	105
ABSOLUTE MINIMUM FLOW RATE (GPM)	1.6	2.7	3.8	5.0	6.2	7.9	2.7	3.8	5.0	6.2
20° ΔT WATER FLOW (GPM)	5.4	11	16	21.9	27.1	32.7	37	41.6	45.7	52
HEAD LOSS (FT. OF HD.)	3.3	3.4	3.5	3.7	3.9	4.1	4.3	4.4	4.7	5.1
40° ΔT WATER FLOW (GPM)	2.4	4.7	7.9	10.8	13.1	16	18.9	20.8	23.8	56.1
HEAD LOSS (FT. OF HD.)	3.6	3.6	3.6	3.7	3.8	3.9	3.9	3.8	4.0	4.3
Max. WORKING PRESSURE PSI	160	160	160	160	160	160	160	160	160	160
# OF RELIEF VALVES	1	1	1	1	1	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
RELIEF VALVE RATING (MBH)	697	697	697	697	697	697	697	697	697	697
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50	50	50	50	50	50
ELECTRICAL										
240V - 1PH	FLA	63	125	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	MCA	79	157							
208V - 3PH	FLA	42	84	125	167	209	250	292	334	417
	MCA	52	105	157	209	261	313	365	417	521
480V - 3PH	FLA	18	37	55	73	91	109	127	145	181
	MCA	23	46	68	91	113	136	158	181	226
600V - 3PH	FLA	15	29	44	58	73	87	101	116	145
	MCA	18	37	55	73	91	109	127	145	181
DIMENSIONS										
HEIGHT	47	47	47	47	47	47	47	47	47	47
WIDTH	16.75	16.75	16.75	16.75	16.75	16.75	21.75	21.75	21.75	21.75
DEPTH	41	41	41	41	41	41	45.25	45.25	45.25	45.25
SHIPPING WEIGHT (lbs.)	367	367	367	367	367	367	488	488	488	488
MINIMUM SERVICE CLEARANCES										
FRONT	36"	36"	36"	36"	36"	36"	36"	36"	36"	36"
REAR	36"	36"	36"	36"	36"	36"	36"	36"	36"	36"
RIGHT SIDE	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
LEFT SIDE	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
TOP	32"	32"	32"	32"	32"	32"	32"	32"	32"	32"

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