

FCB-16 Available kW's and Resulting Amp Draws								
		Heater kW	208/1	240/1	208/3	240/3	480/3	600/3
1 Motor	FCB1036E FCB1042E FCB1048E FCB1060E	6 kW	28.8(1)	25.0(1)	16.7(1)	14.4(1)	7.2(1)	6.0(1)
		8 kW	38.5(1)	33.3(1)	22.2(1)	19.2(1)	9.6(1)	8.0(1)
		10 kW	48.1(2)	41.7(2)	27.8(1)	24.1(1)	12.0(1)	10.0(1)
		14 kW	67.3(2)	58.3(2)	38.9(1)	33.7(1)	16.8(1)	14.1(1)
2 Motor	FCB2060E FCB2072E FCB2084E FCB2096E FCB2108E	12 kW	57.7(2)	50.0(2)	33.3(1)	28.9(1)	14.4(1)	12.0(1)
		16 kW	76.9(2)	66.7(2)	44.4(2)	38.5(2)	19.2(1)	16.1(1)
		20 kW	N/A	N/A	55.5(2)	48.1(2)	24.1(1)	20.1(1)
		28 kW	N/A	N/A	77.7(2)	67.4(2)	33.7(1)	28.1(1)
3 Motor	FCB3096E FCB3108E FCB3120E FCB3132E FCB3144E	18 kW	N/A	N/A	50.0(2)	43.3(1)	21.7(1)	18.1(1)
		24 kW	N/A	N/A	66.6(2)	57.7(2)	28.9(1)	24.1(1)
		30 kW	N/A	N/A	83.3(3)	72.2(2)	36.1(1)	30.1(1)
		42 kW	N/A	N/A	116.6(3)	101.0(3)	50.5(2)	42.2(2)
4 Motor	FCB4144E	24 kW	N/A	N/A	66.6(2)	57.7(2)	28.9(1)	24.1(1)
		32 kW	N/A	N/A	88.8(3)	77.0(3)	38.5(1)	32.1(1)
		40 kW	N/A	N/A	111.0(3)	96.2(3)	48.1(2)	40.2(1)
		56 kW	N/A	N/A	N/A	N/A	67.4(2)	56.2(2)
Amps per kW			4.81	4.17	2.78	2.41	1.20	1.00

Note: Power supply circuits are included above in parenthesis

NOTE: If the number of electrical circuits specified is greater than one, it shall not be assumed that all circuits are equally divided. Consult factory for wiring diagram.

Berner reserves the right to alter specifications without prior notice.

IN-CEILING MOUNT-16
Electric Heated
kW, BTU/HR and Temperature Rise



No.: KW-428B
 Date: October, 2012

FCB ELECTRIC HEATER KW AND TEMPERATURE RISE - 208-600/3

Model	Heater Kw	BTU/HR	AIR TEMP RISE °F	Heater kW	BTU/HR	AIR TEMP RISE °F	Heater kW	BTU/HR	AIR TEMP RISE °F	Heater kW	BTU/HR	AIR TEMP RISE °F
FCB1036E*	14	47,782	21	10	34,130	15	8	27,304	12	6	20,478	9
FCB1042E*	14	47,782	20	10	34,130	14	8	27,304	11	6	20,478	8
FCB1048E*	14	47,782	19	10	34,130	13	8	27,304	11	6	20,478	8
FCB1060E*	14	47,782	27	10	34,130	19	8	27,304	15	6	20,478	11
FCB2060E*	28	95,564	22	20	68,260	16	16	54,608	13	12	40,956	10
FCB2072E*	28	95,564	21	20	68,260	15	16	54,608	12	12	40,956	9
FCB2084E*	28	95,564	20	20	68,260	14	16	54,608	11	12	40,956	8
FCB2096E*	28	95,564	19	20	68,260	13	16	54,608	11	12	40,956	8
FCB3096E*	42	143,346	22	30	102,390	16	24	81,912	13	18	61,434	9
FCB2108E*	28	95,564	22	20	68,260	16	16	54,608	13	12	40,956	9
FCB3108E*	42	143,346	21	30	102,390	15	24	81,912	12	18	61,434	9
FCB3120E*	42	143,346	20	30	102,390	14	24	81,912	11	18	61,434	9
FCB3132E*	42	143,346	19	30	102,390	14	24	81,912	11	18	61,434	8
FCB3144E*	42	143,346	19	30	102,390	13	24	81,912	11	18	61,434	8
FCB4144E*	56	191,128	21	40	136,520	15	32	109,216	12	24	81,912	9

*For reduced kW, the model number needs to include kW. Example: FCB1036EB-100 for 10 kW heat.

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