

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Downflow Combustible Flooring Base	44K15	44K15	44K15
Downflow Conversion Kit	83M57	83M57	83M57
Electric Heat - See Electric Heat Data tables	5 to 20 kW	5 to 25 kW	
Electric Heat Circuit Breaker Cover Kit	82W01	82W01	82W01
Horizontal Support Frame Kit	56J18	56J18	56J18
Side Return Unit Stand (Upflow Only)	45K32	45K32	45K32
Single Point Power Source Control Box	21H39	21H39	21H39
Wall Hanging Bracket Kit (Upflow Only)	45K30	45K30	45K30

<sup>1</sup> Disposable frame type filter.

<sup>2</sup> HACR type circuit breaker or fuse.

<sup>3</sup> Blower motor is 460V - 1 phase. Optional electric heat is 460V - 3 phase.

## ELECTRIC HEAT DATA-BCE7E-036 THREE PHASE

Electric Heat Model Number	No. of Stages	Input			<sup>2</sup> Blower Motor Full Load Amps	<sup>3</sup> Minimum Circuit Ampacity		<sup>5</sup> Maximum Overcurrent Protection		Single Point Power Source		
		Volts	kW	<sup>1</sup> Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	<sup>3</sup> Minimum Circuit Ampacity	<sup>5</sup> Maximum Overcurrent Protection	
8 kW 5 lbs. ECB27-8 (17D57) Terminal Block	1	208	6.0	20,500	4.1	26	---	30	---	---	---	
		220	6.7	22,900	4.1	29	---	30	---	---	---	
		230	7.3	25,100	4.1	29	---	30	---	---	---	
		240	8.0	27,300	4.1	29	---	30	---	---	---	
10 kW 6 lbs. ECB27-10 (17D58) Terminal Block	1	208	7.5	25,600	4.1	31	---	35	---	---	---	
		220	8.4	28,700	4.1	35	---	35	---	---	---	
		230	9.2	31,400	4.1	35	---	35	---	---	---	
		240	10.0	34,100	4.1	35	---	35	---	---	---	
	ECB27-10 (17D62) (3) 20A Fuses	1	440	8.4	28,700	2.1	16	---	20	---	---	---
			460	9.2	31,400	2.1	17	---	20	---	---	---
			480	10.0	34,100	2.1	17	---	20	---	---	---
15 kW 12 lbs. ECB27-15CB (17D59) (1) 50A Circuit breaker	1	208	11.3	38,400	4.1	44	---	<sup>4</sup> 45	---	---	---	
		220	12.6	43,000	4.1	50	---	50	---	---	---	
		230	13.5	47,000	4.1	50	---	50	---	---	---	
		240	15.0	51,200	4.1	50	---	50	---	---	---	
	ECB27-15 (17D63) (3) 25A Fuses	1	440	12.6	43,000	2.1	23	---	25	---	---	---
			460	13.5	47,000	2.1	24	---	25	---	---	---
			480	15.0	51,200	2.1	25	---	30	---	---	---
20 kW 19 lbs. ECB27-20CB (17D60) (2) 35A Circuit breaker	2	208	15.0	51,200	4.1	31	26	35	<sup>4</sup> 30	57	60	
		220	16.8	57,300	4.1	35	30	35	<sup>4</sup> 30	65	70	
		230	18.4	62,700	4.1	35	30	35	<sup>4</sup> 30	65	70	
		240	20.0	68,200	4.1	35	30	35	<sup>4</sup> 30	65	70	

NOTE - Circuit 1 Minimum Circuit Ampacity includes the Blower Motor Full Load Amps.

<sup>1</sup> Electric heater capacity only - does not include additional blower motor heat capacity.

<sup>2</sup> Amps shown are for blower motor only.

<sup>3</sup> Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

<sup>4</sup> Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size noted. See Table on Page 25.

<sup>5</sup> HACR type circuit breaker or fuse.

# ELECTRIC HEAT DATA-BCE7E-048

## THREE PHASE

<b>20 kW</b> 19 lbs.												
ECB27-20 ( <b>17D64</b> ) (3) 35A Fuses	1	440	16.8	57,300	4.0	33	---	35	---	---	---	
		460	18.4	62,700	4.0	34	---	35	---	---	---	
		480	20.0	68,200	4.0	35	---	40	---	---	---	
<b>25 kW</b> 19 lbs.	ECB27-25CB ( <b>17D61</b> ) (2) 45A Circuit breaker	2	208	18.8	64,100	7.6	42	33	<b>4 50</b>	<b>4 35</b>	75	80
			220	21.0	71,700	7.6	47	38	<b>4 50</b>	<b>4 40</b>	85	90
			230	23.0	78,300	7.6	47	38	<b>4 50</b>	<b>4 40</b>	85	90
			240	25.0	85,300	7.6	47	38	<b>4 50</b>	<b>4 40</b>	85	90
ECB27-25 ( <b>17D65</b> ) (3) 40A Fuses	1	440	21.0	71,700	4.0	39	---	40	---	---	---	
		460	23.0	78,300	4.0	41	---	45	---	---	---	
		480	25.0	85,300	4.0	42	---	45	---	---	---	

NOTE - Circuit 1 Minimum Circuit Ampacity includes the Blower Motor Full Load Amps.

<sup>1</sup> Electric heater capacity only - does not include additional blower motor heat capacity.

<sup>2</sup> Amps shown are for blower motor only.

<sup>3</sup> Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

<sup>4</sup> Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size noted. See Table on Page 25.

<sup>5</sup> HACR type circuit breaker or fuse.

<sup>6</sup> Blower motor is rated at 460V.



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All specifications and illustrations subject to change without notice and without incurring obligations.