



ELECTRIC HEAT DATA

**CBX25UH, CBX25UHV, CBX27UH,
CBX32M, CBX32MV, CBX40UH**

PRODUCT SPECIFICATIONS

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REPLACEMENT CIRCUIT BREAKERS

Voltage	Description	Catalog No.
208/240V - 1 Phase	25 amp, 2 pole	41K13
	30 amp, 2 pole	17K70
	35 amp, 2 pole	72K07
	40 amp, 2 pole	49K14
	45 amp, 2 pole	17K71
	50 amp, 2 pole	41K12
	60 amp, 2 pole	17K72
208/240V - 3 Phase	30 amp, 3 pole	64W47
	35 amp, 3 pole	41K14
	40 amp, 3 pole	41K16
	45 amp, 3 pole	18M86
	50 amp, 3 pole	41K15
	60 amp, 3 pole	41K17

ELECTRIC HEAT DATA - CBX40UHV-024

Model Number	No. of Stages	Volts Input	kW Input	¹ Btuh Input	² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE								
2.5 kW 4 lbs.	ECB40-2.5 (34W86) Terminal Block	1	208	1.9	6,400	4.0	17	20
			220	2.1	7,200	4.0	17	20
			230	2.3	7,800	4.0	18	20
			240	2.5	8,500	4.0	18	20
4 kW 4 lbs.	ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 30A Circuit breaker	1	208	3.0	10,250	4.0	23	⁴25
			220	3.4	11,450	4.0	24	⁴25
			230	3.7	12,550	4.0	25	⁴25
			240	4.0	13,650	4.0	26	30
5 kW 4 lbs.	ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	4.0	28	⁴30
			220	4.2	14,300	4.0	29	⁴30
			230	4.6	15,700	4.0	30	⁴30
			240	5.0	17,100	4.0	31	35
6 kW 4 lbs.	ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	4.0	32	⁴35
			220	5.0	17,100	4.0	33	⁴35
			230	5.5	18,800	4.0	35	⁴35
			240	6.0	20,500	4.0	37	40
8 kW 5 lbs.	ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	4.0	41	⁴45
			220	6.7	22,900	4.0	43	⁴45
			230	7.3	25,100	4.0	45	⁴45
			240	8.0	27,300	4.0	47	50
9 kW 5 lbs.	ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	4.0	46	⁴50
			220	7.6	25,800	4.0	48	⁴50
			230	8.3	28,200	4.0	50	60
			240	9.0	30,700	4.0	52	60

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX40UHV-030

Model Number	No. of Stages	Volts Input	kW Input	¹ Btuh Input	² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
						Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs. ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 30A Circuit breaker	1	208	3.0	10,250	4.0	23	---	425	---	---	---	
		220	3.4	11,450	4.0	24	---	425	---	---	---	
		230	3.7	12,550	4.0	25	---	425	---	---	---	
		240	4.0	13,650	4.0	26	---	30	---	---	---	
5 kW 4 lbs. ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	4.0	28	---	430	---	---	---	
		220	4.2	14,300	4.0	29	---	430	---	---	---	
		230	4.6	15,700	4.0	30	---	430	---	---	---	
		240	5.0	17,100	4.0	31	---	35	---	---	---	
6 kW 4 lbs. ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	4.0	32	---	435	---	---	---	
		220	5.0	17,100	4.0	33	---	435	---	---	---	
		230	5.5	18,800	4.0	35	---	435	---	---	---	
		240	6.0	20,500	4.0	37	---	40	---	---	---	
8 kW 5 lbs. ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	4.0	41	---	445	---	---	---	
		220	6.7	22,900	4.0	43	---	445	---	---	---	
		230	7.3	25,100	4.0	45	---	445	---	---	---	
		240	8.0	27,300	4.0	47	---	50	---	---	---	
9 kW 5 lbs. ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	4.0	46	---	450	---	---	---	
		220	7.6	25,800	4.0	48	---	450	---	---	---	
		230	8.3	28,200	4.0	50	---	60	---	---	---	
		240	9.0	30,700	4.0	52	---	60	---	---	---	
12.5 kW 10 lbs. ECB40-12.5CB (34W94) (1) 30A and (1) 45A Circuit breaker	2	208	9.4	32,000	4.0	24	38	425	440	62	70	
		220	10.5	35,800	4.0	25	40	425	440	65	70	
		230	11.5	39,200	4.0	26	42	30	45	68	70	
		240	12.5	42,600	4.0	27	44	30	45	71	80	
15 kW 12 lbs. ECB40-15CB (34W95) (1) 35A and (1) 60A Circuit breaker	2	208	11.3	38,400	4.0	28	45	430	445	73	80	
		220	12.6	43,000	4.0	29	48	430	450	77	80	
		230	13.8	47,000	4.0	30	50	430	450	80	80	
		240	15.0	51,200	4.0	31	52	35	60	83	90	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX40UHV-036

Model Number	No. of Stages	Volts Input	kW Input	¹ Btuh Input	² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
						Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs. ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 35A Circuit breaker	1	208	3.0	10,250	5.6	25	---	⁴ 25	---	---	---	
		220	3.4	11,450	5.6	26	---	⁴ 30	---	---	---	
		230	3.7	12,550	5.6	27	---	⁴ 30	---	---	---	
		240	4.0	13,650	5.6	28	---	⁴ 30	---	---	---	
5 kW 4 lbs. ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	5.6	30	---	⁴ 30	---	---	---	
		220	4.2	14,300	5.6	31	---	35	---	---	---	
		230	4.6	15,700	5.6	32	---	35	---	---	---	
		240	5.0	17,100	5.6	34	---	35	---	---	---	
6 kW 4 lbs. ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	5.6	35	---	⁴ 35	---	---	---	
		220	5.0	17,100	5.6	35	---	⁴ 35	---	---	---	
		230	5.5	18,800	5.6	37	---	40	---	---	---	
		240	6.0	20,500	5.6	39	---	40	---	---	---	
8 kW 5 lbs. ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	5.6	44	---	⁴ 45	---	---	---	
		220	6.7	22,900	5.6	45	---	⁴ 45	---	---	---	
		230	7.3	25,100	5.6	47	---	50	---	---	---	
		240	8.0	27,300	5.6	49	---	50	---	---	---	
9 kW 5 lbs. ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	5.6	48	---	⁴ 50	---	---	---	
		220	7.6	25,800	5.6	50	---	⁴ 50	---	---	---	
		230	8.3	28,200	5.6	52	---	60	---	---	---	
		240	9.0	30,700	5.6	54	---	60	---	---	---	
12.5 kW 10 lbs. ECB40-12.5CB (34W94) (1) 30A and (1) 45A Circuit breaker	2	208	9.4	32,000	5.6	26	38	30	⁴ 40	64	70	
		220	10.5	35,800	5.6	27	40	30	⁴ 40	67	70	
		230	11.5	39,200	5.6	28	42	30	45	70	80	
		240	12.5	42,600	5.6	29	44	30	45	73	80	
15 kW 12 lbs. ECB40-15CB (34W95) (1) 35A and (1) 60A Circuit breaker	2	208	11.3	38,400	5.6	30	45	⁴ 30	⁴ 45	76	80	
		220	12.6	43,000	5.6	31	48	35	⁴ 50	79	80	
		230	13.8	47,000	5.6	32	50	35	⁴ 50	82	90	
		240	15.0	51,200	5.6	33	52	35	60	86	90	
20 kW 19 lbs. ECB40-20CB (34W96) (2) 60A Circuit breaker	2	208	15.0	51,200	5.6	48	50	⁴ 50	⁴ 50	98	100	
		220	16.8	57,300	5.6	50	53	⁴ 50	60	103	125	
		230	18.4	62,700	5.6	52	55	60	60	107	125	
		240	20.0	68,200	5.6	54	57	60	60	112	125	
THREE PHASE												
8 kW 5 lbs. ECB40-8 (34W98) Terminal Block	1	208	6.0	20,500	5.6	28	---	30	---	---	---	
		220	6.7	22,900	5.6	29	---	30	---	---	---	
		230	7.3	25,100	5.6	30	---	30	---	---	---	
		240	8.0	27,300	5.6	32	---	35	---	---	---	
10 kW 6 lbs. ECB40-10 (34W99) Terminal Block	1	208	7.5	25,600	5.6	34	---	35	---	---	---	
		220	8.4	28,700	5.6	35	---	35	---	---	---	
		230	9.2	31,400	5.6	36	---	40	---	---	---	
		240	10.0	34,100	5.6	38	---	40	---	---	---	
15 kW 12 lbs. ECB40-15CB (35W00) 50A Circuit breaker	1	208	11.3	38,400	5.6	47	---	50	---	---	---	
		220	12.6	43,000	5.6	48	---	50	---	---	---	
		230	13.5	47,000	5.6	50	---	50	---	---	---	
		240	15.0	51,200	5.6	53	---	⁴ 60	---	---	---	
20 kW 19 lbs. ECB40-20CB (35W01) (2) 35A Circuit breaker	2	208	15.0	51,200	5.6	33	26	35	⁴ 30	60	60	
		220	16.8	57,300	5.6	35	28	35	⁴ 30	63	70	
		230	18.4	62,700	5.6	36	29	⁴ 40	⁴ 30	65	70	
		240	20.0	68,200	5.6	37	30	⁴ 40	35	68	70	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX40UHV-042, CBX40UHV-048, AND CBX40UHV-060

Model Number	No. of Stages	Volts Input	kW Input	1 Btuh Input	2 Blower Motor Full Load Amps	3 Minimum Circuit Ampacity			5 Maximum Overcurrent Protection			Single Point Power Source	
						Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	3 Minimum Circuit Ampacity	5 Maximum Overcurrent Protection
SINGLE PHASE													
4 kW 4 lbs. ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 35A Circuit breaker	1	208	3.0	10,250	7.4	27	---	---	430	---	---	---	---
		220	3.4	11,450	7.4	28	---	---	430	---	---	---	---
		230	3.7	12,550	7.4	29	---	---	430	---	---	---	---
		240	4.0	13,650	7.4	30	---	---	430	---	---	---	---
5 kW 4 lbs. ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	7.4	32	---	---	35	---	---	---	---
		220	4.2	14,300	7.4	33	---	---	35	---	---	---	---
		230	4.6	15,700	7.4	34	---	---	35	---	---	---	---
		240	5.0	17,100	7.4	36	---	---	35	---	---	---	---
6 kW 4 lbs. ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	7.4	37	---	---	40	---	---	---	---
		220	5.0	17,100	7.4	38	---	---	40	---	---	---	---
		230	5.5	18,800	7.4	39	---	---	40	---	---	---	---
		240	6.0	20,500	7.4	41	---	---	45	---	---	---	---
8 kW 5 lbs. ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	7.4	46	---	---	50	---	---	---	---
		220	6.7	22,900	7.4	47	---	---	50	---	---	---	---
		230	7.3	25,100	7.4	49	---	---	50	---	---	---	---
		240	8.0	27,300	7.4	51	---	---	60	---	---	---	---
9 kW 5 lbs. ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	7.4	51	---	---	60	---	---	---	---
		220	7.6	25,800	7.4	52	---	---	60	---	---	---	---
		230	8.3	28,200	7.4	54	---	---	60	---	---	---	---
		240	9.0	30,700	7.4	57	---	---	60	---	---	---	---
12.5 kW 10 lbs. ECB40-12.5CB (34W94) (1) 30A and (1) 45A Circuit breaker	2	208	9.4	32,000	7.4	29	38	---	30	440	---	66	70
		220	10.5	35,800	7.4	29	40	---	30	440	---	69	70
		230	11.5	39,200	7.4	30	42	---	30	45	---	72	80
		240	12.5	42,600	7.4	32	44	---	435	45	---	75	80
15 kW 12 lbs. ECB40-15CB (34W95) (1) 35A and (1) 60A Circuit breaker	2	208	11.3	38,400	7.4	32	45	---	35	445	---	77	80
		220	12.6	43,000	7.4	33	48	---	35	450	---	81	90
		230	13.5	47,000	7.4	34	50	---	35	450	---	84	90
		240	15.0	51,200	7.4	36	52	---	440	60	---	88	90
20 kW 19 lbs. ECB40-20CB (34W96) (2) 60A Circuit breaker	2	208	15.0	51,200	7.4	50	50	---	450	450	---	100	100
		220	16.8	57,300	7.4	52	53	---	60	60	---	105	125
		230	18.4	62,700	7.4	54	55	---	60	60	---	109	125
		240	20.0	68,200	7.4	57	58	---	60	60	---	113	125
25 kW 19 lbs. ECB40-25CB (34W97) (1) 60A & (2) 45A Circuit breaker	3	208	18.8	64,100	7.4	47	38	38	450	440	440	122	125
		220	21.0	71,700	7.4	49	40	40	450	440	440	129	150
		230	23.0	78,300	7.4	51	42	42	60	45	45	135	150
		240	25.0	85,300	7.4	53	44	44	60	45	45	141	150
THREE PHASE													
8 kW 5 lbs. ECB40-8 (34W98) Terminal block	1	208	6.0	20,500	7.4	30	---	---	35	---	---	---	---
		220	6.7	22,900	7.4	31	---	---	35	---	---	---	---
		230	7.3	25,100	7.4	32	---	---	35	---	---	---	---
		240	8.0	27,300	7.4	33	---	---	35	---	---	---	---
10 kW 6 lbs. ECB40-10 (34W99) Terminal block	1	208	7.5	25,600	7.4	36	---	---	40	---	---	---	---
		220	8.4	28,700	7.4	37	---	---	40	---	---	---	---
		230	9.2	31,400	7.4	38	---	---	40	---	---	---	---
		240	10.0	34,100	7.4	40	---	---	40	---	---	---	---
15 kW 12 lbs. ECB40-15CB (35W00) 50A Circuit breaker	1	208	11.3	38,400	7.4	49	---	---	50	---	---	---	---
		220	12.6	43,000	7.4	51	---	---	460	---	---	---	---
		230	13.5	47,000	7.4	52	---	---	460	---	---	---	---
		240	15.0	51,200	7.4	55	---	---	460	---	---	---	---
20 kW 19 lbs. ECB40-20CB (35W01) (2) 35A Circuit breaker	2	208	15.0	51,200	7.4	36	26	---	440	430	---	62	70
		220	16.8	57,300	7.4	37	28	---	440	430	---	65	70
		230	18.4	62,700	7.4	38	29	---	440	430	---	67	70
		240	20.0	68,200	7.4	40	30	---	440	35	---	70	70
25 kW 19 lbs. ECB40-25CB (35W02) (1) 50A and (1) 40A Circuit breaker	2	208	18.8	64,100	7.4	42	33	---	445	435	---	75	80
		220	21.0	71,700	7.4	44	34	---	445	435	---	78	80
		230	23.0	78,300	7.4	45	36	---	50	40	---	81	90
		240	25.0	85,300	7.4	47	38	---	50	40	---	84	90

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

1 Electric heater capacity only - does not include additional blower motor heat capacity.

2 Amps shown are for blower motor only.

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

4 Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.

5 HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32MV-018/024

Model Number	No. of Stages	Volts Input	kW Input	¹ Btuh Input	² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE								
2.5 kW 4 lbs.	ECB40-2.5 (34W86) Terminal Block	1	208	1.9	6,400	4.0	16	20
			220	2.1	7,200	4.0	17	20
			230	2.3	7,800	4.0	18	20
			240	2.5	8,500	4.0	18	20
4 kW 4 lbs.	ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 30A Circuit breaker	1	208	3.0	10,250	4.0	23	⁴25
			220	3.4	11,450	4.0	24	⁴25
			230	3.7	12,550	4.0	25	⁴25
			240	4.0	13,650	4.0	26	30
5 kW 4 lbs.	ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	4.0	28	⁴30
			220	4.2	14,300	4.0	29	⁴30
			230	4.6	15,700	4.0	30	⁴30
			240	5.0	17,100	4.0	31	35
6 kW 4 lbs.	ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	4.0	32	⁴35
			220	5.0	17,100	4.0	33	⁴35
			230	5.5	18,800	4.0	35	⁴35
			240	6.0	20,500	4.0	36	40
8 kW 5 lbs.	ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	4.0	41	⁴45
			220	6.7	22,900	4.0	43	⁴45
			230	7.3	25,100	4.0	45	⁴45
			240	8.0	27,300	4.0	47	50
9 kW 5 lbs.	ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	4.0	46	⁴50
			220	7.6	25,800	4.0	48	⁴50
			230	8.3	28,200	4.0	50	60
			240	9.0	30,700	4.0	52	60

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32MV-024/030

Model Number	No. of Stages	Volts Input	kW Input	¹ Btuh Input	² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
						Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs. ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 30A Circuit breaker	1	208	3.0	10,250	4.0	23	---	425	---	---	---	
		220	3.4	11,450	4.0	24	---	425	---	---	---	
		230	3.7	12,550	4.0	25	---	425	---	---	---	
		240	4.0	13,650	4.0	26	---	30	---	---	---	
5 kW 4 lbs. ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	4.0	28	---	430	---	---	---	
		220	4.2	14,300	4.0	29	---	430	---	---	---	
		230	4.6	15,700	4.0	30	---	430	---	---	---	
		240	5.0	17,100	4.0	31	---	35	---	---	---	
6 kW 4 lbs. ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	4.0	32	---	435	---	---	---	
		220	5.0	17,100	4.0	33	---	435	---	---	---	
		230	5.5	18,800	4.0	35	---	435	---	---	---	
		240	6.0	20,500	4.0	36	---	40	---	---	---	
8 kW 5 lbs. ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	4.0	41	---	445	---	---	---	
		220	6.7	22,900	4.0	43	---	445	---	---	---	
		230	7.3	25,100	4.0	45	---	445	---	---	---	
		240	8.0	27,300	4.0	47	---	50	---	---	---	
9 kW 5 lbs. ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	4.0	46	---	450	---	---	---	
		220	7.6	25,800	4.0	48	---	450	---	---	---	
		230	8.3	28,200	4.0	50	---	60	---	---	---	
		240	9.0	30,700	4.0	52	---	60	---	---	---	
12.5 kW 10 lbs. ECB40-12.5CB (34W94) (1) 30A and (1) 45A Circuit breaker	2	208	9.4	32,000	4.0	24	38	425	440	62	70	
		220	10.5	35,800	4.0	25	40	425	440	65	70	
		230	11.5	39,200	4.0	26	42	30	45	68	70	
		240	12.5	42,600	4.0	27	44	30	45	71	80	
15 kW 12 lbs. ECB40-15CB (34W95) (1) 35A and (1) 60A Circuit breaker	2	208	11.3	38,400	4.0	28	45	430	445	73	80	
		220	12.6	43,000	4.0	29	48	430	450	77	80	
		230	13.8	47,000	4.0	30	50	430	450	80	80	
		240	15.0	51,200	4.0	31	52	35	60	83	90	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32MV-036

Model Number	No. of Stages	Volts Input	kW Input	1 Btuh Input	2 Blower Motor Full Load Amps	3 Minimum Circuit Ampacity		5 Maximum Overcurrent Protection		Single Point Power Source		
						Ckt 1	Ckt 2	Ckt 1	Ckt 2	3 Minimum Circuit Ampacity	5 Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs. ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 35A Circuit breaker	1	208	3.0	10,250	4.0	23	---	4 25	---	---	---	
		220	3.4	11,450	4.0	24	---	4 25	---	---	---	
		230	3.7	12,550	4.0	25	---	4 25	---	---	---	
		240	4.0	13,650	4.0	26	---	4 30	---	---	---	
5 kW 4 lbs. ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	4.0	28	---	4 30	---	---	---	
		220	4.2	14,300	4.0	29	---	4 30	---	---	---	
		230	4.6	15,700	4.0	30	---	4 30	---	---	---	
		240	5.0	17,100	4.0	31	---	35	---	---	---	
6 kW 4 lbs. ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	4.0	32	---	4 35	---	---	---	
		220	5.0	17,100	4.0	33	---	4 35	---	---	---	
		230	5.5	18,800	4.0	35	---	4 35	---	---	---	
		240	6.0	20,500	4.0	36	---	40	---	---	---	
8 kW 5 lbs. ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	4.0	41	---	4 45	---	---	---	
		220	6.7	22,900	4.0	43	---	4 45	---	---	---	
		230	7.3	25,100	4.0	45	---	4 45	---	---	---	
		240	8.0	27,300	4.0	47	---	50	---	---	---	
9 kW 5 lbs. ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	4.0	46	---	4 50	---	---	---	
		220	7.6	25,800	4.0	48	---	4 50	---	---	---	
		230	8.3	28,200	4.0	50	---	4 50	---	---	---	
		240	9.0	30,700	4.0	52	---	60	---	---	---	
12.5 kW 10 lbs. ECB40-12.5CB (34W94) (1) 30A and (1) 45A Circuit breaker	2	208	9.4	32,000	4.0	24	38	4 25	4 40	62	70	
		220	10.5	35,800	4.0	25	40	4 25	4 40	65	70	
		230	11.5	39,200	4.0	26	42	30	45	68	70	
		240	12.5	42,600	4.0	27	44	30	45	71	80	
15 kW 12 lbs. ECB40-15CB (34W95) (1) 35A and (1) 60A Circuit breaker	2	208	11.3	38,400	4.0	28	45	4 30	4 45	73	80	
		220	12.6	43,000	4.0	29	48	4 30	4 50	77	80	
		230	13.8	47,000	4.0	30	50	4 30	4 50	80	80	
		240	15.0	51,200	4.0	31	52	35	60	83	90	
20 kW 19 lbs. ECB40-20CB (34W96) (2) 60A Circuit breaker	2	208	15.0	51,200	4.0	46	50	4 50	4 50	95	100	
		220	16.8	57,300	4.0	48	53	4 50	60	101	110	
		230	18.4	62,700	4.0	50	55	4 50	60	105	110	
		240	20.0	68,200	4.0	52	57	60	60	109	110	
THREE PHASE												
8 kW 5 lbs. ECB40-8 (34W98) Terminal Block	1	208	6.0	20,500	4.0	26	---	30	---	---	---	
		220	6.7	22,900	4.0	27	---	30	---	---	---	
		230	7.3	25,100	4.0	28	---	30	---	---	---	
		240	8.0	27,300	4.0	28	---	30	---	---	---	
10 kW 6 lbs. ECB40-10 (34W99) Terminal Block	1	208	7.5	25,600	4.0	31	---	35	---	---	---	
		220	8.4	28,700	4.0	33	---	35	---	---	---	
		230	9.2	31,400	4.0	34	---	35	---	---	---	
		240	10.0	34,100	4.0	35	---	40	---	---	---	
15 kW 12 lbs. ECB40-15CB (35W00) 50A Circuit breaker	1	208	11.3	38,400	4.0	44	---	4 45	---	---	---	
		220	12.6	43,000	4.0	46	---	50	---	---	---	
		230	13.5	47,000	4.0	48	---	50	---	---	---	
		240	15.0	51,200	4.0	50	---	50	---	---	---	
20 kW 19 lbs. ECB40-20CB (35W01) (2) 35A Circuit breaker	2	208	15.0	51,200	4.0	31	26	35	4 30	57	60	
		220	16.8	57,300	4.0	33	28	35	4 30	61	70	
		230	18.4	62,700	4.0	34	29	35	4 30	63	70	
		240	20.0	68,200	4.0	35	30	4 40	35	65	70	

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

1 Electric heater capacity only - does not include additional blower motor heat capacity.

2 Amps shown are for blower motor only.

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

4 Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.

5 HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32MV-048 AND CBX32MV-060

Model Number	No. of Stages	Volts Input	kW Input	1 Btuh Input	2 Blower Motor Full Load Amps	3 Minimum Circuit Ampacity			5 Maximum Overcurrent Protection			Single Point Power Source	
						Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	3 Minimum Circuit Ampacity	5 Maximum Overcurrent Protection
SINGLE PHASE													
4 kW 4 lbs. ECB40-4 (55W89) Terminal Block ECB40-4CB (55W90) 35A Circuit breaker	1	208	3.0	10,250	7.4	27	---	---	4 30	---	---	---	---
		220	3.4	11,450	7.4	28	---	---	4 30	---	---	---	---
		230	3.7	12,550	7.4	29	---	---	4 30	---	---	---	---
		240	4.0	13,650	7.4	30	---	---	4 30	---	---	---	---
5 kW 4 lbs. ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	7.4	32	---	---	35	---	---	---	---
		220	4.2	14,300	7.4	33	---	---	35	---	---	---	---
		230	4.6	15,700	7.4	34	---	---	35	---	---	---	---
		240	5.0	17,100	7.4	35	---	---	4 40	---	---	---	---
6 kW 4 lbs. ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	7.4	36	---	---	40	---	---	---	---
		220	5.0	17,100	7.4	38	---	---	40	---	---	---	---
		230	5.5	18,800	7.4	39	---	---	40	---	---	---	---
		240	6.0	20,500	7.4	41	---	---	4 45	---	---	---	---
8 kW 5 lbs. ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	7.4	45	---	---	50	---	---	---	---
		220	6.7	22,900	7.4	47	---	---	50	---	---	---	---
		230	7.3	25,100	7.4	49	---	---	50	---	---	---	---
		240	8.0	27,300	7.4	51	---	---	4 60	---	---	---	---
9 kW 5 lbs. ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	7.4	50	---	---	60	---	---	---	---
		220	7.6	25,800	7.4	52	---	---	60	---	---	---	---
		230	8.3	28,200	7.4	54	---	---	60	---	---	---	---
		240	9.0	30,700	7.4	56	---	---	60	---	---	---	---
12.5 kW 10 lbs. ECB40-12.5CB (34W94) (1) 30A and (1) 45A Circuit breaker	2	208	9.4	32,000	7.4	28	38	---	30	4 40	---	66	70
		220	10.5	35,800	7.4	29	40	---	30	4 40	---	69	70
		230	11.5	39,200	7.4	30	42	---	30	45	---	72	80
		240	12.5	42,600	7.4	31	44	---	4 35	45	---	75	80
15 kW 12 lbs. ECB40-15CB (34W95) (1) 35A and (1) 60A Circuit breaker	2	208	11.3	38,400	7.4	32	45	---	35	4 45	---	77	80
		220	12.6	43,000	7.4	33	48	---	35	4 50	---	81	90
		230	13.5	47,000	7.4	34	50	---	35	4 50	---	84	90
		240	15.0	51,200	7.4	35	52	---	4 40	60	---	88	90
20 kW 19 lbs. ECB40-20CB (34W96) (2) 60A Circuit breaker	2	208	15.0	51,200	7.4	50	50	---	4 50	4 50	---	100	100
		220	16.8	57,300	7.4	52	53	---	60	60	---	105	125
		230	18.4	62,700	7.4	54	55	---	60	60	---	109	125
		240	20.0	68,200	7.4	56	57	---	60	60	---	113	125
25 kW 19 lbs. ECB40-25CB (34W97) (1) 60A and (2) 45A Circuit breaker	3	208	18.8	64,100	7.4	47	38	38	4 50	4 40	4 40	122	125
		220	21.0	71,700	7.4	49	40	40	4 50	4 40	4 40	129	150
		230	23.0	78,300	7.4	51	42	42	60	45	45	135	150
		240	25.0	85,300	7.4	53	44	44	60	45	45	141	150
THREE PHASE													
8 kW 5 lbs. ECB40-8 (34W98) Terminal block	1	208	6.0	20,500	7.4	30	---	---	35	---	---	---	---
		220	6.7	22,900	7.4	31	---	---	35	---	---	---	---
		230	7.3	25,100	7.4	32	---	---	35	---	---	---	---
		240	8.0	27,300	7.4	33	---	---	35	---	---	---	---
10 kW 6 lbs. ECB40-10 (34W99) Terminal block	1	208	7.5	25,600	7.4	35	---	---	40	---	---	---	---
		220	8.4	28,700	7.4	37	---	---	40	---	---	---	---
		230	9.2	31,400	7.4	38	---	---	40	---	---	---	---
		240	10.0	34,100	7.4	39	---	---	40	---	---	---	---
15 kW 12 lbs. ECB40-15CB (35W00) 50A Circuit breaker	1	208	11.3	38,400	7.4	48	---	---	50	---	---	---	---
		220	12.6	43,000	7.4	51	---	---	4 60	---	---	---	---
		230	13.5	47,000	7.4	52	---	---	4 60	---	---	---	---
		240	15.0	51,200	7.4	54	---	---	4 60	---	---	---	---
20 kW 19 lbs. ECB40-20CB (35W01) (2) 35A Circuit breaker	2	208	15.0	51,200	7.4	35	26	---	4 40	4 30	---	62	70
		220	16.8	57,300	7.4	37	28	---	4 40	4 30	---	65	70
		230	18.4	62,700	7.4	38	29	---	4 40	4 30	---	67	70
		240	20.0	68,200	7.4	39	30	---	4 40	35	---	70	70
25 kW 19 lbs. ECB40-25CB (35W02) (1) 50A and (1) 40A Circuit breaker	2	208	18.8	64,100	7.4	42	33	---	4 45	4 35	---	75	80
		220	21.0	71,700	7.4	44	34	---	4 45	4 35	---	78	80
		230	23.0	78,300	7.4	45	36	---	50	40	---	81	90
		240	25.0	85,300	7.4	47	38	---	50	40	---	84	90

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

1 Electric heater capacity only - does not include additional blower motor heat capacity.

2 Amps shown are for blower motor only.

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

4 Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.

5 HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32MV-068

Model Number	No. of Stages	Volts Input	kW Input	¹ Btuh Input	² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity			⁵ Maximum Overcurrent Protection			Single Point Power Source			
						Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection		
SINGLE PHASE															
5 kW 4 lbs.	ECB40-5 (34W87) Terminal Block ECB40-5CB (34W90) 35A Circuit breaker	1	208	3.8	12,800	7.4	32	---	---	35	---	---	---	---	---
			220	4.2	14,300	7.4	33	---	---	35	---	---	---	---	---
			230	4.6	15,700	7.4	34	---	---	35	---	---	---	---	---
			240	5.0	17,100	7.4	35	---	---	⁴40	---	---	---	---	---
6 kW 4 lbs.	ECB40-6 (34W88) Terminal Block ECB40-6CB (34W91) 40A Circuit breaker	1	208	4.5	15,400	7.4	36	---	---	40	---	---	---	---	---
			220	5.0	17,100	7.4	38	---	---	40	---	---	---	---	
			230	5.5	18,800	7.4	39	---	---	40	---	---	---	---	
			240	6.0	20,500	7.4	41	---	---	⁴45	---	---	---	---	
8 kW 5 lbs.	ECB40-8 (34W89) Terminal Block ECB40-8CB (34W92) 50A Circuit breaker	1	208	6.0	20,500	7.4	45	---	---	50	---	---	---	---	---
			220	6.7	22,900	7.4	47	---	---	50	---	---	---	---	
			230	7.3	25,100	7.4	49	---	---	50	---	---	---	---	
			240	8.0	27,300	7.4	51	---	---	⁴60	---	---	---	---	
9 kW 5 lbs.	ECB40-9CB (34W93) 60A Circuit breaker	2	208	6.8	23,100	7.4	50	---	---	60	---	---	---	---	---
			220	7.6	25,800	7.4	52	---	---	60	---	---	---	---	
			230	8.3	28,200	7.4	54	---	---	60	---	---	---	---	
			240	9.0	30,700	7.4	56	---	---	60	---	---	---	---	
12.5 kW 10 lbs.	ECB40-12.5CB (34W94) (1) 30A and (1) 45A Circuit breaker	2	208	9.4	32,000	7.4	28	38	---	30	⁴40	---	66	70	
			220	10.5	35,800	7.4	29	40	---	30	⁴40	---	69	70	
			230	11.5	39,200	7.4	30	42	---	30	45	---	72	80	
			240	12.5	42,600	7.4	31	44	---	⁴35	45	---	75	80	
15 kW 12 lbs.	ECB40-15CB (34W95) (1) 35A and (1) 60A Circuit breaker	2	208	11.3	38,400	7.4	32	45	---	35	⁴45	---	77	80	
			220	12.6	43,000	7.4	33	48	---	35	⁴50	---	81	90	
			230	13.5	47,000	7.4	34	50	---	35	⁴50	---	84	90	
			240	15.0	51,200	7.4	35	52	---	⁴40	60	---	88	90	
20 kW 19 lbs.	ECB40-20CB (34W96) (2) 60A Circuit breaker	2	208	15.0	51,200	7.4	50	50	---	⁴50	⁴50	---	100	100	
			220	16.8	57,300	7.4	52	53	---	60	60	---	105	125	
			230	18.4	62,700	7.4	54	55	---	60	60	---	109	125	
			240	20.0	68,200	7.4	56	57	---	60	60	---	113	125	
25 kW 19 lbs.	ECB40-25CB (34W97) (1) 60A and (2) 45A Circuit breaker	3	208	18.8	64,100	7.4	47	38	38	⁴50	⁴40	⁴40	122	125	
			220	21.0	71,700	7.4	49	40	40	⁴50	⁴40	⁴40	129	150	
			230	23.0	78,300	7.4	51	42	42	60	45	45	135	150	
			240	25.0	85,300	7.4	53	44	44	60	45	45	141	150	
THREE PHASE															
8 kW 5 lbs.	ECB40-8 (34W98) Terminal block	1	208	6.0	20,500	7.4	30	---	---	35	---	---	---	---	---
			220	6.7	22,900	7.4	31	---	---	35	---	---	---	---	
			230	7.3	25,100	7.4	32	---	---	35	---	---	---	---	
			240	8.0	27,300	7.4	33	---	---	35	---	---	---	---	
10 kW 6 lbs.	ECB40-10 (34W99) Terminal block	1	208	7.5	25,600	7.4	35	---	---	40	---	---	---	---	
			220	8.4	28,700	7.4	37	---	---	40	---	---	---	---	
			230	9.2	31,400	7.4	38	---	---	40	---	---	---	---	
			240	10.0	34,100	7.4	39	---	---	40	---	---	---	---	
15 kW 12 lbs.	ECB40-15CB (35W00) 50A Circuit breaker	1	208	11.3	38,400	7.4	48	---	---	50	---	---	---	---	
			220	12.6	43,000	7.4	51	---	---	⁴60	---	---	---	---	
			230	13.5	47,000	7.4	52	---	---	⁴60	---	---	---	---	
			240	15.0	51,200	7.4	54	---	---	⁴60	---	---	---	---	
20 kW 19 lbs.	ECB40-20CB (35W01) (2) 35A Circuit breaker	2	208	15.0	51,200	7.4	35	26	---	⁴40	⁴30	---	62	70	
			220	16.8	57,300	7.4	37	28	---	⁴40	⁴30	---	65	70	
			230	18.4	62,700	7.4	38	29	---	⁴40	⁴30	---	67	70	
			240	20.0	68,200	7.4	39	30	---	⁴40	35	---	70	70	
25 kW 19 lbs.	ECB40-25CB (35W02) (1) 50A and (1) 40A Circuit breaker	2	208	18.8	64,100	7.4	42	33	---	⁴45	⁴35	---	75	80	
			220	21.0	71,700	7.4	44	34	---	⁴45	⁴35	---	78	80	
			230	23.0	78,300	7.4	45	36	---	50	40	---	81	90	
			240	25.0	85,300	7.4	47	38	---	50	40	---	84	90	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-018/024

	Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
			Volts	kW	¹ Btuh			
SINGLE PHASE								
2.5 kW 4 lbs.	ECB29-2.5 (28K30)	1	208	1.9	6,400	1.5	13	15
			220	2.1	7,200	1.5	15	15
			230	2.3	7,800	1.5	15	15
			240	2.5	8,500	1.5	15	15
4 kW 4 lbs.	ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	1.5	20	20
			220	3.4	11,450	1.5	23	25
			230	3.7	12,550	1.5	23	25
			240	4.0	13,650	1.5	23	25
5 kW 4 lbs.	ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	1.5	24	⁴ 25
			220	4.2	14,300	1.5	28	30
			230	4.6	15,700	1.5	28	30
			240	5.0	17,100	1.5	28	30
6 kW 4 lbs.	ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	1.5	29	⁴ 30
			220	5.0	17,100	1.5	33	35
			230	5.5	18,800	1.5	33	35
			240	6.0	20,500	1.5	33	35
8 kW 5 lbs.	ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	1.5	38	⁴ 40
			220	6.7	22,900	1.5	44	45
			230	7.3	25,100	1.5	44	45
			240	8.0	27,300	1.5	44	45
9 kW 5 lbs.	ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	1.5	42	⁴ 45
			220	7.6	25,800	1.5	49	⁴ 50
			230	8.3	28,200	1.5	49	⁴ 50
			240	9.0	30,700	1.5	49	⁴ 50
10 kW 6 lbs.	ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	1.5	47	⁴ 50
			220	8.4	28,700	1.5	54	60
			230	9.2	31,400	1.5	54	60
			240	10.0	34,100	1.5	54	60

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-030

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs.	ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	1.73	20	---	⁴ 20	---	---	---
			220	3.4	11,450	1.73	23	---	⁴ 25	---	---	---
			230	3.7	12,550	1.73	23	---	⁴ 25	---	---	---
			240	4.0	13,650	1.73	23	---	⁴ 25	---	---	---
5 kW 4 lbs.	ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	1.73	25	---	⁴ 25	---	---	---
			220	4.2	14,300	1.73	28	---	30	---	---	---
			230	4.6	15,700	1.73	28	---	30	---	---	---
			240	5.0	17,100	1.73	28	---	30	---	---	---
6 kW 4 lbs.	ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	1.73	30	---	⁴ 30	---	---	---
			220	5.0	17,100	1.73	33	---	35	---	---	---
			230	5.5	18,800	1.73	33	---	35	---	---	---
			240	6.0	20,500	1.73	33	---	35	---	---	---
8 kW 5 lbs.	ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	1.73	38	---	⁴ 40	---	---	---
			220	6.7	22,900	1.73	44	---	45	---	---	---
			230	7.3	25,100	1.73	44	---	45	---	---	---
			240	8.0	27,300	1.73	44	---	45	---	---	---
9 kW 5 lbs.	ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	1.73	43	---	⁴ 45	---	---	---
			220	7.6	25,800	1.73	49	---	⁴ 50	---	---	---
			230	8.3	28,200	1.73	49	---	⁴ 50	---	---	---
			240	9.0	30,700	1.73	49	---	⁴ 50	---	---	---
10 kW 6 lbs.	ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	1.73	47	---	⁴ 50	---	---	---
			220	8.4	28,700	1.73	54	---	60	---	---	---
			230	9.2	31,400	1.73	54	---	60	---	---	---
			240	10.0	34,100	1.73	54	---	60	---	---	---
12.5 kW 10 lbs.	ECB29-12.5CB (28K37) (1) 25A and (1) 50A Circuit breaker ECB29EH-12.5CB (91K68) (1) 25A and (1) 50A Circuit breaker	2	208	9.4	32,000	1.73	21	31	25	⁴ 45	60	60
			220	10.5	35,800	1.73	24	35	25	50	61	70
			230	11.5	39,200	1.73	24	35	25	50	61	70
			240	12.5	42,600	1.73	24	35	25	50	67	70
15 kW 12 lbs.	ECB29-15CB (28K38) (1) 30A and (1) 60A Circuit breaker ECB29EH-15CB (91K69) (1) 30A and (1) 60A Circuit breaker	2	208	11.3	38,400	1.73	24	37	⁴ 25	⁴ 50	71	80
			220	12.6	43,000	1.73	28	42	30	60	72	80
			230	13.8	47,000	1.73	28	42	30	60	72	80
			240	15.0	51,200	1.73	28	42	30	60	80	80

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-036

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs.	ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	1.72	20	---	⁴ 20	---	---	---
			220	3.4	11,450	1.72	23	---	⁴ 25	---	---	---
			230	3.7	12,550	1.72	23	---	⁴ 25	---	---	---
			240	4.0	13,650	1.72	23	---	⁴ 25	---	---	---
5 kW 4 lbs.	ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	1.72	25	---	⁴ 25	---	---	---
			220	4.2	14,300	1.72	28	---	30	---	---	---
			230	4.6	15,700	1.72	28	---	30	---	---	---
			240	5.0	17,100	1.72	28	---	30	---	---	---
6 kW 4 lbs.	ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	1.72	30	---	⁴ 30	---	---	---
			220	5.0	17,100	1.72	33	---	35	---	---	---
			230	5.5	18,800	1.72	33	---	35	---	---	---
			240	6.0	20,500	1.72	33	---	35	---	---	---
8 kW 5 lbs.	ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	1.72	38	---	⁴ 40	---	---	---
			220	6.7	22,900	1.72	44	---	45	---	---	---
			230	7.3	25,100	1.72	44	---	45	---	---	---
			240	8.0	27,300	1.72	44	---	45	---	---	---
9 kW 5 lbs.	ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	1.72	43	---	⁴ 45	---	---	---
			220	7.6	25,800	1.72	49	---	⁴ 50	---	---	---
			230	8.3	28,200	1.72	49	---	⁴ 50	---	---	---
			240	9.0	30,700	1.7	49	---	⁴ 50	---	---	---
10 kW 6 lbs.	ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	1.72	47	---	⁴ 50	---	---	---
			220	8.4	28,700	1.72	54	---	60	---	---	---
			230	9.2	31,400	1.72	54	---	60	---	---	---
			240	10.0	34,100	1.72	54	---	60	---	---	---
12.5 kW 10 lbs.	ECB29-12.5CB (28K37) (1) 25A & (1) 50A Circuit breaker ECB29EH-12.5CB (91K68) (1) 25A & (1) 50A Circuit breaker	2	208	9.4	32,000	1.72	21	31	25	⁴ 45	60	60
			220	10.5	35,800	1.72	24	35	25	50	61	70
			230	11.5	39,200	1.72	24	35	25	50	61	70
			240	12.5	42,600	1.72	24	35	25	50	67	70
15 kW 12 lbs.	ECB29-15CB (28K38) (1) 30A & (1) 60A Circuit Breaker ECB29EH-15CB (91K69) (1) 30A & (1) 60A Circuit Breaker	2	208	11.3	38,400	1.72	24	37	⁴ 25	⁴ 50	71	80
			220	12.6	43,000	1.72	28	42	30	60	72	80
			230	13.8	47,000	1.72	28	42	30	60	72	80
			240	15.0	51,200	1.72	28	42	30	60	80	80
20 kW 19 lbs.	ECB29-20CB (11L31) (1) 50A & (1) 60A Circuit Breaker ECB29EH-20CB (91K70) (1) 50A & (1) 60A Circuit Breaker	2	208	15.0	51,200	1.72	44	41	⁴ 45	60	95	100
			220	16.8	57,300	1.72	49	46	50	60	97	100
			230	18.4	62,700	1.72	49	46	50	60	97	100
			240	20.0	68,200	1.72	49	46	50	60	106	110
THREE PHASE												
8 kW 5 lbs.	ECB29-8 (28K42) Terminal Block	1	208	6.0	20,500	1.72	23	---	25	---	---	---
			220	6.7	22,900	1.72	26	---	30	---	---	---
			230	7.3	25,100	1.72	26	---	30	---	---	---
			240	8.0	27,300	1.72	26	---	30	---	---	---
10 kW 6 lbs.	ECB29-10 (28K43) Terminal Block	1	208	7.5	25,600	1.72	28	---	30	---	---	---
			220	8.4	28,700	1.72	32	---	35	---	---	---
			230	9.2	31,400	1.72	32	---	35	---	---	---
			240	10.0	34,100	1.72	32	---	35	---	---	---
15 kW 12 lbs.	ECB29-10 (28K47) (3) 20A Fuses	1	440	8.4	28,700	1.1	16	---	20	---	---	---
			460	9.2	31,400	1.1	16	---	20	---	---	---
			480	10.0	34,100	1.1	16	---	20	---	---	---
			208	11.3	38,400	1.72	41	---	⁴ 45	---	---	---
20 kW 19 lbs.	ECB29-15CB (28K44) (1) 50A Circuit breaker	1	220	12.6	43,000	1.72	47	---	50	---	---	---
			230	13.5	47,000	1.72	47	---	50	---	---	---
			240	15.0	51,200	1.72	47	---	50	---	---	---
			440	12.6	43,000	1.1	24	---	30	---	---	---
20 kW 19 lbs.	ECB29-15 (28K48) (3) 25A Fuses	1	460	13.8	47,000	1.1	24	---	30	---	---	---
			480	15.0	51,200	1.1	24	---	30	---	---	---
			208	15.0	51,200	1.72	28	21	⁴ 30	⁴ 30	56	60
			220	16.8	57,300	1.72	32	24	35	35	58	60
20 kW 19 lbs.	ECB29-20CB (28K45) (2) 35A Circuit breaker	2	230	18.4	62,700	1.72	32	24	35	35	58	60
			240	20.0	68,200	1.72	32	24	35	35	62	70

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-042

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs.	ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	2.4	21	---	⁴ 25	---	---	---
			220	3.4	11,450	2.4	24	---	⁴ 25	---	---	---
			230	3.7	12,550	2.4	24	---	⁴ 25	---	---	---
			240	4.0	13,650	2.4	24	---	⁴ 25	---	---	---
5 kW 4 lbs.	ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	2.4	26	---	30	---	---	---
			220	4.2	14,300	2.4	29	---	30	---	---	---
			230	4.6	15,700	2.4	29	---	30	---	---	---
6 kW 4 lbs.	ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	2.4	30	---	⁴ 30	---	---	---
			220	5.0	17,100	2.4	34	---	35	---	---	---
			230	5.5	18,800	2.4	34	---	35	---	---	---
			240	6.0	20,500	2.4	34	---	35	---	---	---
8 kW 5 lbs.	ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	2.4	40	---	⁴ 40	---	---	---
			220	6.7	22,900	2.4	45	---	45	---	---	---
			230	7.3	25,100	2.4	45	---	45	---	---	---
			240	8.0	27,300	2.4	45	---	45	---	---	---
9 kW 5 lbs.	ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	2.4	44	---	⁴ 45	---	---	---
			220	7.6	25,800	2.4	50	---	⁴ 50	---	---	---
			230	8.3	28,200	2.4	50	---	⁴ 50	---	---	---
			240	9.0	30,700	2.4	50	---	⁴ 50	---	---	---
10 kW 6 lbs.	ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	2.4	48	---	⁴ 50	---	---	---
			220	8.4	28,700	2.4	55	---	60	---	---	---
			230	9.2	31,400	2.4	55	---	60	---	---	---
			240	10.0	34,100	2.4	55	---	60	---	---	---
12.5 kW 10 lbs.	ECB29-12.5CB (28K37) (1) 25A & (1) 50A Circuit breaker ECB29EH-12.5CB (91K68) (1) 25A & (1) 50A Circuit breaker	2	208	9.4	32,000	2.4	22	31	25	⁴ 45	61	70
			220	10.5	35,800	2.4	25	35	25	50	63	70
			230	11.5	39,200	2.4	25	35	25	50	63	70
			240	12.5	42,600	2.4	25	35	25	50	68	70
15 kW 12 lbs.	ECB29-15CB (28K38) (1) 30A & (1) 60A Circuit Breaker ECB29EH-15CB (91K69) (1) 30A & (1) 60A Circuit Breaker	2	208	11.3	38,400	2.4	26	37	30	⁴ 50	72	80
			220	12.6	43,000	2.4	29	42	30	60	74	80
			230	13.8	47,000	2.4	29	42	30	60	74	80
			240	15.0	51,200	2.4	29	42	30	60	81	90
20 kW 19 lbs.	ECB29-20CB (11L31) (1) 50A & (1) 60A Circuit Breaker ECB29EH-20CB (91K70) (1) 50A & (1) 60A Circuit Breaker	2	208	15.0	51,200	2.4	45	41	⁴ 45	60	95	100
			220	16.8	57,300	2.4	50	46	50	60	99	100
			230	18.4	62,700	2.4	50	46	50	60	99	100
			240	20.0	68,200	2.4	50	46	50	60	107	110
THREE PHASE												
8 kW 5 lbs.	ECB29-8 (28K42) Terminal Block	1	208	6.0	20,500	2.4	24	---	25	---	---	---
			220	6.7	22,900	2.4	27	---	30	---	---	---
			230	7.3	25,100	2.4	27	---	30	---	---	---
			240	8.0	27,300	2.4	27	---	30	---	---	---
10 kW 6 lbs.	ECB29-10 (28K43) Terminal Block	1	208	7.5	25,600	2.4	29	---	30	---	---	---
			220	8.4	28,700	2.4	33	---	35	---	---	---
			230	9.2	31,400	2.4	33	---	35	---	---	---
			240	10.0	34,100	2.4	33	---	35	---	---	---
15 kW 12 lbs.	ECB29-15CB (28K44) (1) 50A Circuit breaker	1	208	11.3	38,400	2.4	42	---	⁴ 45	---	---	---
			220	12.6	43,000	2.4	48	---	50	---	---	---
			230	13.5	47,000	2.4	48	---	50	---	---	---
			240	15.0	51,200	2.4	48	---	50	---	---	---
20 kW 19 lbs.	ECB29-20CB (28K45) (2) 35A Circuit breaker	2	208	15.0	51,200	2.4	29	21	⁴ 30	⁴ 30	56	60
			220	16.8	57,300	2.4	33	24	35	35	60	60
			230	18.4	62,700	2.4	33	24	35	35	60	60
			240	20.0	68,200	2.4	33	24	35	35	63	70

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-048

Model Number	No. of Stages	Volts Input	kW Input	1 Btuh Input	2 Blower Motor Full Load Amps	3 Minimum Circuit Ampacity			5 Maximum Overcurrent Protection			Single Point Power Source		
						Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	3 Minimum Circuit Ampacity	5 Maximum Overcurrent Protection	
SINGLE PHASE														
4 kW 4 lbs. ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	2.4	21	---	---	4 25	---	---	---	---	
		220	3.4	11,450	2.4	24	---	---	4 25	---	---	---	---	
		230	3.7	12,550	2.4	24	---	---	4 25	---	---	---	---	
		240	4.0	13,650	2.4	24	---	---	4 25	---	---	---	---	
5 kW 4 lbs. ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	2.4	26	---	---	30	---	---	---	---	
		220	4.2	14,300	2.4	29	---	---	30	---	---	---	---	
		230	4.6	15,700	2.4	29	---	---	30	---	---	---	---	
		240	5.0	17,100	2.4	29	---	---	30	---	---	---	---	
6 kW 4 lbs. ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	2.4	30	---	---	4 30	---	---	---	---	
		220	5.0	17,100	2.4	34	---	---	35	---	---	---	---	
		230	5.5	18,800	2.4	34	---	---	35	---	---	---	---	
		240	6.0	20,500	2.4	34	---	---	35	---	---	---	---	
8 kW 5 lbs. ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	2.4	40	---	---	4 40	---	---	---	---	
		220	6.7	22,900	2.4	45	---	---	45	---	---	---	---	
		230	7.3	25,100	2.4	45	---	---	45	---	---	---	---	
		240	8.0	27,300	2.4	45	---	---	45	---	---	---	---	
9 kW 5 lbs. ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	2.4	44	---	---	4 45	---	---	---	---	
		220	7.6	25,800	2.4	50	---	---	4 50	---	---	---	---	
		230	8.3	28,200	2.4	50	---	---	4 50	---	---	---	---	
		240	9.0	30,700	2.4	50	---	---	4 50	---	---	---	---	
10 kW 6 lbs. ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	2.4	48	---	---	4 50	---	---	---	---	
		220	8.4	28,700	2.4	55	---	---	60	---	---	---	---	
		230	9.2	31,400	2.4	55	---	---	60	---	---	---	---	
		240	10.0	34,100	2.4	55	---	---	60	---	---	---	---	
12.5 kW 10 lbs. ECB29-12.5CB (28K37) ECB29EH-12.5CB (91K68) (1) 25A and (1) 50A Circuit breaker	2	208	9.4	32,000	2.4	22	31	---	25	4 45	---	61	70	
		220	10.5	35,800	2.4	25	35	---	25	50	---	63	70	
		230	11.5	39,200	2.4	25	35	---	25	50	---	63	70	
		240	12.5	42,600	2.4	25	35	---	25	50	---	68	70	
15 kW 12 lbs. ECB29-15CB (28K38) ECB29EH-15CB (91K69) (1) 30A and (1) 60A Circuit breaker	2	208	11.3	38,400	2.4	26	37	---	30	4 50	---	72	80	
		220	12.6	43,000	2.4	29	42	---	30	60	---	74	80	
		230	13.5	47,000	2.4	29	42	---	30	60	---	74	80	
		240	15.0	51,200	2.4	29	42	---	30	60	---	81	90	
20 kW 19 lbs. ECB29-20CB (11L31) ECB29EH-20CB (91K70) (1) 50A and (1) 60A Circuit breaker	2	208	15.0	51,200	2.4	45	41	---	4 45	60	---	95	100	
		220	16.8	57,300	2.4	50	46	---	50	60	---	99	100	
		230	18.4	62,700	2.4	50	46	---	50	60	---	99	100	
		240	20.0	68,200	2.4	50	46	---	50	60	---	107	110	
25 kW 19 lbs. ECB29-25CB (28K40) (3) 50A Circuit breakers	3	208	18.8	64,100	2.4	40	31	31	4 40	4 45	4 45	118	125	
		220	21.0	71,700	2.4	47	35	35	50	50	50	120	125	
		230	23.0	78,300	2.4	47	35	35	50	50	50	120	125	
		240	25.0	85,300	2.4	47	35	35	50	50	50	133	150	

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

1 Electric heater capacity only - does not include additional blower motor heat capacity.

2 Amps shown are for blower motor only.

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

4 **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

5 HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-048

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁷ Maximum Overcurrent Protection		Single Point Power Source			
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection		
THREE PHASE													
8 kW 5 lbs.	ECB29-8 (28K42) Terminal block	1	208	6.0	20,500	2.4	24	---	25	---	---	---	
			220	6.7	22,900	2.4	27	---	30	---	---	---	
			230	7.3	25,100	2.4	27	---	30	---	---	---	
			240	8.0	27,300	2.4	27	---	30	---	---	---	
10 kW 6 lbs.	ECB29-10 (28K43) Terminal Block	1	208	7.5	25,600	2.4	29	---	30	---	---	---	
			220	8.4	28,700	2.4	33	---	35	---	---	---	
			230	9.2	31,400	2.4	33	---	35	---	---	---	
			240	10.0	34,100	2.4	33	---	35	---	---	---	
	ECB29-10 (28K47) (3) 20A Fuses	1	1	440	8.4	28,700	1.3	17	---	20	---	---	---
				460	9.2	31,400	1.3	17	---	20	---	---	---
				480	10.0	34,100	1.3	17	---	20	---	---	---
				440	8.4	28,700	1.3	17	---	20	---	---	---
15 kW 12 lbs.	ECB29-15CB (28K44) 50A Circuit breaker	1	208	11.3	38,400	2.4	42	---	⁴ 45	---	---	---	
			220	12.6	43,000	2.4	48	---	50	---	---	---	
			230	13.5	47,000	2.4	48	---	50	---	---	---	
			240	15.0	51,200	2.4	48	---	50	---	---	---	
	ECB29-15 (28K48) (3) 25A Fuses	1	1	440	12.6	43,000	1.3	24	---	30	---	---	---
				460	13.8	47,000	1.3	24	---	30	---	---	---
				480	15.0	51,200	1.3	24	---	30	---	---	---
				440	12.6	43,000	1.3	24	---	30	---	---	---
20 kW 19 lbs.	ECB29-20CB (28K45) (2) 35A Circuit breaker	2	208	15.0	51,200	2.4	29	21	⁴ 30	⁴ 30	56	60	
			220	16.8	57,300	2.4	33	24	35	35	60	60	
			230	18.4	62,700	2.4	33	24	35	35	60	60	
			240	20.0	68,200	2.4	33	24	35	35	63	70	
	ECB29-20 (28K49) (3) 35A Fuses	1	1	440	16.8	57,300	1.3	32	---	35	---	---	---
				460	18.4	62,700	1.3	32	---	35	---	---	---
				480	20.0	68,200	1.3	32	---	35	---	---	---
	⁵ ECB29-20 (28K51) (3) 25A Fuses	1	1	550	16.8	57,300	⁶ 1.3	26	---	30	---	---	---
				575	18.4	62,700	⁶ 1.3	26	---	30	---	---	---
				600	20.0	68,200	⁶ 1.3	26	---	30	---	---	---
25 kW 19 lbs.	ECB29-25CB (28K46) (2) 45A Circuit breaker	2	208	18.8	64,100	2.4	35	27	⁴ 40	⁴ 40	70	70	
			220	21.0	71,700	2.4	41	30	45	45	74	80	
			230	23.0	78,300	2.4	41	30	45	45	74	80	
			240	25.0	85,300	2.4	41	30	45	45	78	80	
	ECB29-25 (28K50) (3) 40A Fuses	2	2	440	21.0	71,700	1.3	39	---	45	---	---	---
				460	23.0	78,300	1.3	39	---	45	---	---	---
				480	25.0	85,300	1.3	39	---	45	---	---	---
	⁵ ECB29-25 (28K52) (3) 35A Fuses	2	2	550	21.0	71,700	⁶ 1.3	32	---	35	---	---	---
				575	23.0	78,300	⁶ 1.3	32	---	35	---	---	---
				600	25.0	85,300	⁶ 1.3	32	---	35	---	---	---

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F (75°C).

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ All 575v electric heaters are used with 460V air handler units. A 575V to 460V Step-down transformer for the air handler unit is furnished with all 575V electric heaters.

⁶ Blower motor is rated at 460V.

⁷ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-060

Model Number	No. of Stages	Volts Input	kW Input	1 Btuh Input	2 Blower Motor Full Load Amps	3 Minimum Circuit Ampacity			5 Maximum Overcurrent Protection			Single Point Power Source		
						Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	3 Minimum Circuit Ampacity	5 Maximum Overcurrent Protection	
SINGLE PHASE														
4 kW 4 lbs. ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	3.9	23	---	---	4 25	---	---	---	---	
		220	3.4	11,450	3.9	26	---	---	30	---	---	---	---	
		230	3.7	12,550	3.9	26	---	---	30	---	---	---	---	
		240	4.0	13,650	3.9	26	---	---	30	---	---	---	---	
5 kW 4 lbs. ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	3.9	27	---	---	30	---	---	---	---	
		220	4.2	14,300	3.9	31	---	---	4 35	---	---	---	---	
		230	4.6	15,700	3.9	31	---	---	4 35	---	---	---	---	
		240	5.0	17,100	3.9	31	---	---	4 35	---	---	---	---	
6 kW 4 lbs. ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	3.9	31	---	---	35	---	---	---	---	
		220	5.0	17,100	3.9	36	---	---	4 40	---	---	---	---	
		230	5.5	18,800	3.9	36	---	---	4 40	---	---	---	---	
		240	6.0	20,500	3.9	36	---	---	4 40	---	---	---	---	
8 kW 5 lbs. ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	3.9	40	---	---	4 40	---	---	---	---	
		220	6.7	22,900	3.9	47	---	---	4 50	---	---	---	---	
		230	7.3	25,100	3.9	47	---	---	4 50	---	---	---	---	
		240	8.0	27,300	3.9	47	---	---	4 50	---	---	---	---	
9 kW 5 lbs. ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	3.9	45	---	---	4 45	---	---	---	---	
		220	7.6	25,800	3.9	52	---	---	60	---	---	---	---	
		230	8.3	28,200	3.9	52	---	---	60	---	---	---	---	
		240	9.0	30,700	3.9	52	---	---	60	---	---	---	---	
10 kW 6 lbs. ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	3.9	51	---	---	60	---	---	---	---	
		220	8.4	28,700	3.9	57	---	---	60	---	---	---	---	
		230	9.2	31,400	3.9	57	---	---	60	---	---	---	---	
		240	10.0	34,100	3.9	57	---	---	60	---	---	---	---	
12.5 kW 10 lbs. ECB29-12.5CB (28K37) ECB29EH-12.5CB (91K68) (1) 25A and (1) 50A Circuit breaker	2	208	9.4	32,000	3.9	23	31	---	25	4 45	---	63	70	
		220	10.5	35,800	3.9	27	35	---	4 30	50	---	66	70	
		230	11.5	39,200	3.9	27	35	---	4 30	50	---	66	70	
		240	12.5	42,600	3.9	27	35	---	4 30	50	---	70	70	
15 kW 12 lbs. ECB29-15CB (28K38) ECB29EH-15CB (91K69) (1) 30A and (1) 60A Circuit breaker	2	208	11.3	38,400	3.9	27	37	---	30	4 50	---	74	80	
		220	12.6	43,000	3.9	31	42	---	4 35	60	---	77	80	
		230	13.5	47,000	3.9	31	42	---	4 35	60	---	77	80	
		240	15.0	51,200	3.9	31	42	---	4 35	60	---	83	90	
20 kW 19 lbs. ECB29-20CB (11L31) ECB29EH-20CB (91K70) (1) 50A and (1) 60A Circuit breaker	2	208	15.0	51,200	3.9	46	41	---	50	60	---	97	100	
		220	16.8	57,300	3.9	52	46	---	4 60	60	---	102	110	
		230	18.4	62,700	3.9	52	46	---	4 60	60	---	102	110	
		240	20.0	68,200	3.9	52	46	---	4 60	60	---	109	110	
25 kW 19 lbs. ECB29-25CB (28K40) (3) 50A Circuit breakers	3	208	18.8	64,100	3.9	42	31	31	4 45	4 45	4 45	120	125	
		220	21.0	71,700	3.9	48	35	35	50	50	50	122	125	
		230	23.0	78,300	3.9	48	35	35	50	50	50	122	125	
		240	25.0	85,300	3.9	48	35	35	50	50	50	135	150	
30 kW 19 lbs. ECB29-30CB (28K41) (3) 60A Circuit breakers	3	208	22.5	76,900	3.9	51	37	37	60	4 50	4 50	144	150	
		220	25.2	86,000	3.9	56	42	42	60	60	60	144	150	
		230	27.5	94,000	3.9	56	42	42	60	60	60	144	150	
		240	30.0	102,400	3.9	56	42	42	60	60	60	161	175	

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

1 Electric heater capacity only - does not include additional blower motor heat capacity.

2 Amps shown are for blower motor only.

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

4 **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

5 HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX32M-060

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁷ Maximum Overcurrent Protection		Single Point Power Source			
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection		
THREE PHASE													
8 kW 5 lbs.	ECB29-8 (28K42) Terminal block	1	208	6.0	20,500	3.9	25	---	25	---	---	---	
			220	6.7	22,900	3.9	29	---	30	---	---	---	
			230	7.3	25,100	3.9	29	---	30	---	---	---	
			240	8.0	27,300	3.9	29	---	30	---	---	---	
10 kW 6 lbs.	ECB29-10 (28K43) Terminal Block	1	208	7.5	25,600	3.9	30	---	30	---	---	---	
			220	8.4	28,700	3.9	35	---	35	---	---	---	
			230	9.2	31,400	3.9	35	---	35	---	---	---	
			240	10.0	34,100	3.9	35	---	35	---	---	---	
	ECB29-10 (28K47) (3) 20A Fuses	1	440	8.4	28,700	1.9	17	---	20	---	---	---	
			460	9.2	31,400	1.9	17	---	20	---	---	---	
			480	10.0	34,100	1.9	17	---	20	---	---	---	
	15 kW 12 lbs.	ECB29-15CB (28K44) 50A Circuit breaker	1	208	11.3	38,400	3.9	43	---	4 45	---	---	---
220				12.6	43,000	3.9	50	---	50	---	---	---	
230				13.5	47,000	3.9	50	---	50	---	---	---	
240				15.0	51,200	3.9	50	---	50	---	---	---	
ECB29-15 (28K48) (3) 25A Fuses		1	440	12.6	43,000	1.9	25	---	25	---	---	---	
			460	13.8	47,000	1.9	25	---	25	---	---	---	
20 kW 19 lbs.	ECB29-20CB (28K45) (2) 35A Circuit breaker	2	208	15.0	51,200	3.9	30	21	4 30	4 30	58	60	
			220	16.8	57,300	3.9	35	24	35	35	63	70	
			230	18.4	62,700	3.9	35	24	35	35	63	70	
			240	20.0	68,200	3.9	35	24	35	35	65	70	
	ECB29-20 (28K49) (3) 35A Fuses	1	440	16.8	57,300	1.9	32	---	35	---	---	---	
			460	18.4	62,700	1.9	32	---	35	---	---	---	
			480	20.0	68,200	1.9	32	---	35	---	---	---	
	⁵ ECB29-20 (28K51) (3) 25A Fuses	1	550	16.8	57,300	⁶ 1.9	26	---	30	---	---	---	
			575	18.4	62,700	⁶ 1.9	26	---	30	---	---	---	
			600	20.0	68,200	⁶ 1.9	26	---	30	---	---	---	
	25 kW 19 lbs.	ECB29-25CB (28K46) (2) 45A Circuit breaker	2	208	18.8	64,100	3.9	37	27	4 40	4 40	72	80
				220	21.0	71,700	3.9	43	30	45	45	77	80
230				23.0	78,300	3.9	43	30	45	45	77	80	
240				25.0	85,300	3.9	43	30	45	45	80	80	
ECB29-25 (28K50) (3) 40A Fuses		2	440	21.0	71,700	1.9	40	---	45	---	---	---	
			460	23.0	78,300	1.9	40	---	45	---	---	---	
			480	25.0	85,300	1.9	40	---	45	---	---	---	
⁵ ECB29-25 (28K52) (3) 35A Fuses		2	550	21.0	71,700	⁶ 1.9	32	---	35	---	---	---	
			575	23.0	78,300	⁶ 1.9	32	---	35	---	---	---	
			600	25.0	85,300	⁶ 1.9	32	---	35	---	---	---	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F (75°C).

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ All 575v electric heaters are used with 460V air handler units. A 575V to 460V Step-down transformer for the air handler unit is furnished with all 575V electric heaters.

⁶ Blower motor is rated at 460V.

⁷ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-018

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
		Volts	kW	¹ Btuh				
SINGLE PHASE								
2.5 kW 4 lbs.	ECB29-2.5 (28K30) Terminal Block	1	208	1.9	6,400	4.1	16	20
			220	2.1	7,200	4.1	18	20
			230	2.3	7,800	4.1	18	20
			240	2.5	8,500	4.1	18	20
4 kW 4 lbs.	ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	4.1	23	⁴ 25
			220	3.4	11,450	4.1	26	30
			230	3.7	12,550	4.1	26	30
			240	4.0	13,650	4.1	26	30
5 kW 4 lbs.	ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	4.1	28	30
			220	4.2	14,300	4.1	31	⁴ 35
			230	4.6	15,700	4.1	31	⁴ 35
			240	5.0	17,100	4.1	31	⁴ 35
6 kW 4 lbs.	ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	4.1	32	35
			220	5.0	17,100	4.1	36	⁴ 40
			230	5.5	18,800	4.1	36	⁴ 40
			240	6.0	20,500	4.1	36	⁴ 40
8 kW 5 lbs.	ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	4.1	41	45
			220	6.7	22,900	4.1	47	⁴ 50
			230	7.3	25,100	4.1	47	⁴ 50
			240	8.0	27,300	4.1	47	⁴ 50
9 kW 5 lbs.	ECB29-9CB (10L11) ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	4.1	46	⁴ 50
			220	7.6	25,800	4.1	52	60
			230	8.3	28,200	4.1	52	60
			240	9.0	30,700	4.1	52	60
10 kW 6 lbs.	ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	4.1	50	⁴ 50
			220	8.4	28,700	4.1	57	60
			230	9.2	31,400	4.1	57	60
			240	10.0	34,100	4.1	57	60

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-024

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
		Volts	kW	¹ Btuh				
SINGLE PHASE								
4 kW 4 lbs.	ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	4.1	23	⁴ 25
			220	3.4	11,450	4.1	26	30
			230	3.7	12,550	4.1	26	30
			240	4.0	13,650	4.1	26	30
5 kW 4 lbs.	ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	4.1	28	30
			220	4.2	14,300	4.1	31	⁴ 35
			230	4.6	15,700	4.1	31	⁴ 35
			240	5.0	17,100	4.1	31	⁴ 35
6 kW 4 lbs.	ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	4.1	32	35
			220	5.0	17,100	4.1	36	⁴ 40
			230	5.5	18,800	4.1	36	⁴ 40
			240	6.0	20,500	4.1	36	⁴ 40
8 kW 5 lbs.	ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	4.1	41	45
			220	6.7	22,900	4.1	47	⁴ 50
			230	7.3	25,100	4.1	47	⁴ 50
			240	8.0	27,300	4.1	47	⁴ 50
9 kW 5 lbs.	ECB29-9CB (10L11) ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	4.1	46	⁴ 50
			220	7.6	25,800	4.1	52	60
			230	8.3	28,200	4.1	52	60
			240	9.0	30,700	4.1	52	60
10 kW 6 lbs.	ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	4.1	50	⁴ 50
			220	8.4	28,700	4.1	57	60
			230	9.2	31,400	4.1	57	60
			240	10.0	34,100	4.1	57	60

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-030

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
SINGLE PHASE												
4 kW 4 lbs.	ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	4.1	23	---	⁴ 25	---	---	---
			220	3.4	11,450	4.1	26	---	30	---	---	---
			230	3.7	12,550	4.1	26	---	30	---	---	---
			240	4.0	13,650	4.1	26	---	30	---	---	---
5 kW 4 lbs.	ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	4.1	28	---	30	---	---	---
			220	4.2	14,300	4.1	31	---	⁴ 35	---	---	---
			230	4.6	15,700	4.1	31	---	⁴ 35	---	---	---
			240	5.0	17,100	4.1	31	---	⁴ 35	---	---	---
6 kW 4 lbs.	ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	4.1	32	---	35	---	---	---
			220	5.0	17,100	4.1	36	---	⁴ 40	---	---	---
			230	5.5	18,800	4.1	36	---	⁴ 40	---	---	---
			240	6.0	20,500	4.1	36	---	⁴ 40	---	---	---
8 kW 5 lbs.	ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	4.1	41	---	45	---	---	---
			220	6.7	22,900	4.1	47	---	⁴ 50	---	---	---
			230	7.3	25,100	4.1	47	---	⁴ 50	---	---	---
			240	8.0	27,300	4.1	47	---	⁴ 50	---	---	---
9 kW 5 lbs.	ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	4.1	46	---	⁴ 50	---	---	---
			220	7.6	25,800	4.1	52	---	60	---	---	---
			230	8.3	28,200	4.1	52	---	60	---	---	---
			240	9.0	30,700	4.1	52	---	60	---	---	---
10 kW 6 lbs.	ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	4.1	50	---	⁴ 50	---	---	---
			220	8.4	28,700	4.1	57	---	60	---	---	---
			230	9.2	31,400	4.1	57	---	60	---	---	---
			240	10.0	34,100	4.1	57	---	60	---	---	---
12.5 kW 10 lbs.	ECB29-12.5CB (28K37) ECB29EH-12.5CB (91K68) (1) 25A Circuit breaker & (1) 50A Circuit breaker	2	208	9.4	32,000	4.1	24	38	25	⁴ 40	62	70
			220	10.5	35,800	4.1	27	43	⁴ 30	⁴ 45	70	70
			230	11.5	39,200	4.1	27	43	⁴ 30	⁴ 45	70	70
			240	12.5	42,600	4.1	27	43	⁴ 30	⁴ 45	70	70
15 kW 12 lbs.	ECB29-15CB (28K38) ECB29EH-15CB (91K69) (1) 30A Circuit breaker & (1) 60A Circuit Breaker	2	208	11.3	38,400	4.1	28	45	30	⁴ 45	73	80
			220	12.6	43,000	4.1	31	52	⁴ 35	60	83	90
			230	13.8	47,000	4.1	31	52	⁴ 35	60	83	90
			240	15.0	51,200	4.1	31	52	⁴ 35	60	83	90
THREE PHASE												
8 kW 5 lbs.	ECB29-8 (28K42) 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.	ECB29-10 (28K43) 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	---	---	---
15 kW 12 lbs.	ECB29-15CB (28K44) (1) 50A Circuit breaker	1	208	11.3	38,400	4.1	44	---	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	---	---	---

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-036

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source	
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
4 kW 4 lbs. ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	4.1	23	---	⁴ 25	---	---	---
		220	3.4	11,450	4.1	26	---	30	---	---	---
		230	3.7	12,550	4.1	26	---	30	---	---	---
		240	4.0	13,650	4.1	26	---	30	---	---	---
5 kW 4 lbs. ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	4.1	28	---	30	---	---	---
		220	4.2	14,300	4.1	31	---	⁴ 35	---	---	---
		230	4.6	15,700	4.1	31	---	⁴ 35	---	---	---
		240	5.0	17,100	4.1	31	---	⁴ 35	---	---	---
6 kW 4 lbs. ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	4.1	32	---	35	---	---	---
		220	5.0	17,100	4.1	36	---	⁴ 40	---	---	---
		230	5.5	18,800	4.1	36	---	⁴ 40	---	---	---
		240	6.0	20,500	4.1	36	---	⁴ 40	---	---	---
8 kW 5 lbs. ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	4.1	41	---	45	---	---	---
		220	6.7	22,900	4.1	47	---	⁴ 50	---	---	---
		230	7.3	25,100	4.1	47	---	⁴ 50	---	---	---
		240	8.0	27,300	4.1	47	---	⁴ 50	---	---	---
9 kW 5 lbs. ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	4.1	46	---	⁴ 50	---	---	---
		220	7.6	25,800	4.1	52	---	60	---	---	---
		230	8.3	28,200	4.1	52	---	60	---	---	---
		240	9.0	30,700	4.1	52	---	60	---	---	---
10 kW 6 lbs. ECB29-10 (28K35) Terminal Block ECB29-10CB (28K36) 60A Circuit breaker	2	208	7.5	25,600	4.1	50	---	⁴ 50	---	---	---
		220	8.4	28,700	4.1	57	---	60	---	---	---
		230	9.2	31,400	4.1	57	---	60	---	---	---
		240	10.0	34,100	4.1	57	---	60	---	---	---
12.5 kW 10 lbs. ECB29-12.5CB (28K37) ECB29EH-12.5CB (91K68) (1) 25A Circuit breaker and (1) 50A Circuit breaker	2	208	9.4	32,000	4.1	24	38	25	⁴ 40	62	70
		220	10.5	35,800	4.1	27	43	⁴ 30	⁴ 45	70	70
		230	11.5	39,200	4.1	27	43	⁴ 30	⁴ 45	70	70
		240	12.5	42,600	4.1	27	43	⁴ 30	⁴ 45	70	70
15 kW 12 lbs. ECB29-15CB (28K38) ECB29EH-15CB (91K69) (1) 30A Circuit breaker and (1) 60A Circuit Breaker	2	208	11.3	38,400	4.1	28	45	30	⁴ 45	73	80
		220	12.6	43,000	4.1	31	52	⁴ 35	60	83	90
		230	13.8	47,000	4.1	31	52	⁴ 35	60	83	90
		240	15.0	51,200	4.1	31	52	⁴ 35	60	83	90
20 kW 19 lbs. ECB29-20CB (11L31) ECB29EH-20CB (91K70) (1) 50A Circuit breaker and (1) 60A Circuit Breaker	2	208	15.0	51,200	4.1	46	50	50	⁴ 50	96	100
		220	16.8	57,300	4.1	52	57	⁴ 60	60	109	125
		230	18.4	62,700	4.1	52	57	⁴ 60	60	109	125
		240	20.0	68,200	4.1	52	57	⁴ 60	60	109	125

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-036

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source		
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection	
THREE PHASE												
8 kW 5 lbs.	ECB29-8 (28K42) 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.	ECB29-10 (28K43) 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	---	---	---
	ECB29-10 (28K47) (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.	ECB29-15CB (28K44) (1) 50A Circuit breaker	1	208	11.3	38,400	4.1	44	---	4 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	---	---	---
	ECB29-15 (28K48) (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.	ECB29-20CB (28K45) (2) 35A Circuit breaker	2	208	15.0	51,200	4.1	31	26	35	4 30	57	60
			220	16.8	57,300	4.1	35	30	35	4 30	65	70
			230	18.4	62,700	4.1	35	30	35	4 30	65	70
			240	20.0	68,200	4.1	35	30	35	4 30	65	70

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-042

SINGLE PHASE

Model Number	No. of Stages	Volts Input	kW Input	¹ Btuh Input	² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity			⁵ Maximum Overcurrent Protection			Single Point Power Source	
						Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
4 kW 4 lbs. ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	7.6	28	---	---	30	---	---	---	---
		220	3.4	11,450	7.6	30	---	---	30	---	---	---	---
		230	3.7	12,550	7.6	30	---	---	30	---	---	---	---
		240	4.0	13,650	7.6	30	---	---	30	---	---	---	---
5 kW 4 lbs. ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	7.6	32	---	---	⁴ 35	---	---	---	---
		220	4.2	14,300	7.6	36	---	---	⁴ 40	---	---	---	---
		230	4.6	15,700	7.6	36	---	---	⁴ 40	---	---	---	---
		240	5.0	17,100	7.6	36	---	---	⁴ 40	---	---	---	---
6 kW 4 lbs. ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	7.6	37	---	---	⁴ 40	---	---	---	---
		220	5.0	17,100	7.6	41	---	---	⁴ 45	---	---	---	---
		230	5.5	18,800	7.6	41	---	---	⁴ 45	---	---	---	---
		240	6.0	20,500	7.6	41	---	---	⁴ 45	---	---	---	---
8 kW 5 lbs. ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	7.6	46	---	---	⁴ 50	---	---	---	---
		220	6.7	22,900	7.6	51	---	---	⁴ 60	---	---	---	---
		230	7.3	25,100	7.6	51	---	---	⁴ 60	---	---	---	---
		240	8.0	27,300	7.6	51	---	---	⁴ 60	---	---	---	---
9 kW 5 lbs. ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	7.6	50	---	---	⁴ 50	---	---	---	---
		220	7.6	25,800	7.6	56	---	---	60	---	---	---	---
		230	8.3	28,200	7.6	56	---	---	60	---	---	---	---
		240	9.0	30,700	7.6	56	---	---	60	---	---	---	---
12.5 kW 10 lbs. ECB29-12.5CB (28K37) ECB29EH-12.5CB (91K68) (1) 25A Circuit breaker and (1) 50A Circuit breaker	2	208	9.4	32,000	7.6	28	38	---	⁴ 30	⁴ 40	---	66	80
		220	10.5	35,800	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
		230	11.5	39,200	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
		240	12.5	42,600	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
15 kW 12 lbs. ECB29-15CB (28K38) ECB29EH-15CB (91K69) (1) 30A Circuit breaker and (1) 60A Circuit breaker	2	208	11.3	38,400	7.6	32	45	---	⁴ 35	⁴ 45	---	77	80
		220	12.6	43,000	7.6	36	52	---	⁴ 40	60	---	88	90
		230	13.5	47,000	7.6	36	52	---	⁴ 40	60	---	88	90
		240	15.0	51,200	7.6	36	52	---	⁴ 40	60	---	88	90
20 kW 19 lbs. ECB29-20CB (11L31) ECB29EH-20CB (91K70) (1) 50A Circuit breaker and (1) 60A Circuit breaker	2	208	15.0	51,200	7.6	50	50	---	50	⁴ 50	---	100	125
		220	16.8	57,300	7.6	56	57	---	⁴ 60	60	---	114	125
		230	18.4	62,700	7.6	56	57	---	⁴ 60	60	---	114	125
		240	20.0	68,200	7.6	56	57	---	⁴ 60	60	---	114	125
25 kW 19 lbs. ECB29-25CB (28K40) (3) 50A Circuit breakers	3	208	18.8	64,100	7.6	47	38	38	50	⁴ 40	⁴ 40	123	125
		220	21.0	71,700	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150
		230	23.0	78,300	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150
		240	25.0	85,300	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-042

THREE PHASE

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source	
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
8 kW 5 lbs. ECB29-8 (28K42) Terminal block	1	208	6.0	20,500	7.6	30	---	30	---	---	---
		220	6.7	22,900	7.6	33	---	35	---	---	---
		230	7.3	25,100	7.6	33	---	35	---	---	---
		240	8.0	27,300	7.6	33	---	35	---	---	---
10 kW 6 lbs. ECB29-10 (28K43) Terminal Block	1	208	7.5	25,600	7.6	36	---	40	---	---	---
		220	8.4	28,700	7.6	40	---	40	---	---	---
		230	9.2	31,400	7.6	40	---	40	---	---	---
		240	10.0	34,100	7.6	40	---	40	---	---	---
ECB29-10 (28K47) (3) 20A Fuses	1	440	8.4	28,700	---	---	---	---	---	---	---
		460	9.2	31,400	---	---	---	---	---	---	---
		480	10.0	34,100	---	---	---	---	---	---	---
15 kW 12 lbs. ECB29-15CB (28K44) 50A Circuit breaker	1	208	11.3	38,400	7.6	49	---	50	---	---	---
		220	12.6	43,000	7.6	55	---	4 60	---	---	---
		230	13.5	47,000	7.6	55	---	4 60	---	---	---
		240	15.0	51,200	7.6	55	---	4 60	---	---	---
ECB29-15 (28K48) (3) 25A Fuses	1	440	12.6	43,000	---	---	---	---	---	---	---
		460	13.5	47,000	---	---	---	---	---	---	---
		480	15.0	51,200	---	---	---	---	---	---	---
20 kW 19 lbs. ECB29-20CB (28K45) (2) 35A Circuit breaker	2	208	15.0	51,200	7.6	36	26	4 40	4 30	62	70
		220	16.8	57,300	7.6	40	30	4 40	4 30	70	70
		230	18.4	62,700	7.6	40	30	4 40	4 30	70	70
		240	20.0	68,200	7.6	40	30	4 40	4 30	70	70
ECB29-20 (28K49) (3) 35A Fuses	1	440	16.8	57,300	---	---	---	---	---	---	---
		460	18.4	62,700	---	---	---	---	---	---	---
		480	20.0	68,200	---	---	---	---	---	---	---
⁶ ECB29-20 (28K51) (3) 25A Fuses	1	550	16.8	57,300	---	---	---	---	---	---	---
		575	18.4	62,700	---	---	---	---	---	---	---
		600	20.0	68,200	---	---	---	---	---	---	---
25 kW 19 lbs. ECB29-25CB (28K46) (2) 45A Circuit breaker	2	208	18.8	64,100	7.6	42	33	4 50	4 35	62	70
		220	21.0	71,700	7.6	47	38	4 50	4 40	85	90
		230	23.0	78,300	7.6	47	38	4 50	4 40	85	90
		240	25.0	85,300	7.6	47	38	4 50	4 40	85	90
ECB29-25 (28K50) (3) 40A Fuses	1	440	21.0	71,700	---	---	---	---	---	---	---
		460	23.0	78,300	---	---	---	---	---	---	---
		480	25.0	85,300	---	---	---	---	---	---	---
⁶ ECB29-25 (28K52) (3) 35A Fuses	1	550	21.0	71,700	---	---	---	---	---	---	---
		575	23.0	78,300	---	---	---	---	---	---	---
		600	25.0	85,300	---	---	---	---	---	---	---

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

⁶ Blower motor is rated at 460V.

ELECTRIC HEAT DATA - CBX27UH-048

SINGLE PHASE

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity			⁵ Maximum Overcurrent Protection			Single Point Power Source	
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
4 kW 4 lbs. ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	7.6	28	---	---	30	---	---	---	---
		220	3.4	11,450	7.6	30	---	---	30	---	---	---	---
		230	3.7	12,550	7.6	30	---	---	30	---	---	---	---
		240	4.0	13,650	7.6	30	---	---	30	---	---	---	---
5 kW 4 lbs. ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	7.6	32	---	---	⁴ 35	---	---	---	---
		220	4.2	14,300	7.6	36	---	---	⁴ 40	---	---	---	---
		230	4.6	15,700	7.6	36	---	---	⁴ 40	---	---	---	---
		240	5.0	17,100	7.6	36	---	---	⁴ 40	---	---	---	---
6 kW 4 lbs. ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	7.6	37	---	---	⁴ 40	---	---	---	---
		220	5.0	17,100	7.6	41	---	---	⁴ 45	---	---	---	---
		230	5.5	18,800	7.6	41	---	---	⁴ 45	---	---	---	---
		240	6.0	20,500	7.6	41	---	---	⁴ 45	---	---	---	---
8 kW 5 lbs. ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	7.6	46	---	---	⁴ 50	---	---	---	---
		220	6.7	22,900	7.6	51	---	---	⁴ 60	---	---	---	---
		230	7.3	25,100	7.6	51	---	---	⁴ 60	---	---	---	---
		240	8.0	27,300	7.6	51	---	---	⁴ 60	---	---	---	---
9 kW 5 lbs. ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	7.6	50	---	---	⁴ 50	---	---	---	---
		220	7.6	25,800	7.6	56	---	---	60	---	---	---	---
		230	8.3	28,200	7.6	56	---	---	60	---	---	---	---
		240	9.0	30,700	7.6	56	---	---	60	---	---	---	---
12.5 kW 10 lbs. ECB29-12.5CB (28K37) ECB29EH-12.5CB (91K68) (1) 25A Circuit breaker & (1) 50A Circuit breaker	2	208	9.4	32,000	7.6	28	38	---	⁴ 30	⁴ 40	---	66	80
		220	10.5	35,800	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
		230	11.5	39,200	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
		240	12.5	42,600	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
15 kW 12 lbs. ECB29-15CB (28K38) ECB29EH-15CB (91K69) (1) 30A Circuit breaker & (1) 60A Circuit breaker	2	208	11.3	38,400	7.6	32	45	---	⁴ 35	⁴ 45	---	77	80
		220	12.6	43,000	7.6	36	52	---	⁴ 40	60	---	88	90
		230	13.5	47,000	7.6	36	52	---	⁴ 40	60	---	88	90
		240	15.0	51,200	7.6	36	52	---	⁴ 40	60	---	88	90
20 kW 19 lbs. ECB29-20CB (11L31) ECB29EH-20CB (91K70) (1) 50A Circuit breaker & (1) 60A Circuit breaker	2	208	15.0	51,200	7.6	50	50	---	50	⁴ 50	---	100	125
		220	16.8	57,300	7.6	56	57	---	⁴ 60	60	---	114	125
		230	18.4	62,700	7.6	56	57	---	⁴ 60	60	---	114	125
		240	20.0	68,200	7.6	56	57	---	⁴ 60	60	---	114	125
25 kW 19 lbs. ECB29-25CB (28K40) (3) 50A Circuit breakers	3	208	18.8	64,100	7.6	47	38	38	50	⁴ 40	⁴ 40	123	125
		220	21.0	71,700	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150
		230	23.0	78,300	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150
		240	25.0	85,300	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-048

THREE PHASE

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source	
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
8 kW 5 lbs. ECB29-8 (28K42) Terminal block	1	208	6.0	20,500	7.6	30	---	30	---	---	---
		220	6.7	22,900	7.6	33	---	35	---	---	---
		230	7.3	25,100	7.6	33	---	35	---	---	---
		240	8.0	27,300	7.6	33	---	35	---	---	---
10 kW 6 lbs. ECB29-10 (28K43) Terminal Block	1	208	7.5	25,600	7.6	36	---	40	---	---	---
		220	8.4	28,700	7.6	40	---	40	---	---	---
		230	9.2	31,400	7.6	40	---	40	---	---	---
		240	10.0	34,100	7.6	40	---	40	---	---	---
ECB29-10 (28K47) (3) 20A Fuses	1	440	8.4	28,700	4.0	18	---	20	---	---	---
		460	9.2	31,400	4.0	19	---	20	---	---	---
		480	10.0	34,100	4.0	20	---	25	---	---	---
15 kW 12 lbs. ECB29-15CB (28K44) 50A Circuit breaker	1	208	11.3	38,400	7.6	49	---	50	---	---	---
		220	12.6	43,000	7.6	55	---	4 60	---	---	---
		230	13.5	47,000	7.6	55	---	4 60	---	---	---
		240	15.0	51,200	7.6	55	---	4 60	---	---	---
ECB29-15 (28K48) (3) 25A Fuses	1	440	12.6	43,000	4.0	25	---	30	---	---	---
		460	13.5	47,000	4.0	26	---	30	---	---	---
		480	15.0	51,200	4.0	27	---	30	---	---	---
20 kW 19 lbs. ECB29-20CB (28K45) (2) 35A Circuit breaker	2	208	15.0	51,200	7.6	36	26	4 40	4 30	62	70
		220	16.8	57,300	7.6	40	30	4 40	4 30	70	70
		230	18.4	62,700	7.6	40	30	4 40	4 30	70	70
		240	20.0	68,200	7.6	40	30	4 40	4 30	70	70
ECB29-20 (28K49) (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	---	---	---
⁶ ECB29-20 (28K51) (3) 25A Fuses	1	550	16.8	57,300	4.0	27	---	30	---	---	---
		575	18.4	62,700	4.0	28	---	30	---	---	---
		600	20.0	68,200	4.0	29	---	30	---	---	---
25 kW 19 lbs. ECB29-25CB (28K46) (2) 45A Circuit breaker	2	208	18.8	64,100	7.6	42	33	4 50	4 35	75	80
		220	21.0	71,700	7.6	47	38	4 50	4 40	85	90
		230	23.0	78,300	7.6	47	38	4 50	4 40	85	90
		240	25.0	85,300	7.6	47	38	4 50	4 40	85	90
ECB29-25 (28K50) (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	---	---	---
⁶ ECB29-25 (28K52) (3) 35A Fuses	1	550	21.0	71,700	4.0	32	---	35	---	---	---
		575	23.0	78,300	4.0	34	---	35	---	---	---
		600	25.0	85,300	4.0	35	---	40	---	---	---

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

⁶ Blower motor is rated at 460V.

ELECTRIC HEAT DATA - CBX27UH-060

SINGLE PHASE

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity			⁵ Maximum Overcurrent Protection			Single Point Power Source	
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 3	Ckt 1	Ckt 2	Ckt 3	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
4 kW 4 lbs. ECB29-4 (55W87) Terminal Block ECB29-4CB (55W88) 30A Circuit breaker	1	208	3.0	10,250	7.6	28	---	---	30	---	---	---	---
		220	3.4	11,450	7.6	30	---	---	30	---	---	---	---
		230	3.7	12,550	7.6	30	---	---	30	---	---	---	---
		240	4.0	13,650	7.6	30	---	---	30	---	---	---	---
5 kW 4 lbs. ECB29-5 (28K31) Terminal Block ECB29-5CB (28K32) 30A Circuit breaker	1	208	3.8	12,800	7.6	32	---	---	⁴ 35	---	---	---	---
		220	4.2	14,300	7.6	36	---	---	⁴ 40	---	---	---	---
		230	4.6	15,700	7.6	36	---	---	⁴ 40	---	---	---	---
		240	5.0	17,100	7.6	36	---	---	⁴ 40	---	---	---	---
6 kW 4 lbs. ECB29-6 (47L22) Terminal Block ECB29-6CB (47L23) 35A Circuit breaker	1	208	4.5	15,400	7.6	37	---	---	⁴ 40	---	---	---	---
		220	5.0	17,100	7.6	41	---	---	⁴ 45	---	---	---	---
		230	5.5	18,800	7.6	41	---	---	⁴ 45	---	---	---	---
		240	6.0	20,500	7.6	41	---	---	⁴ 45	---	---	---	---
8 kW 5 lbs. ECB29-8 (28K33) Terminal Block ECB29-8CB (28K34) 45A Circuit breaker	1	208	6.0	20,500	7.6	46	---	---	⁴ 50	---	---	---	---
		220	6.7	22,900	7.6	51	---	---	⁴ 60	---	---	---	---
		230	7.3	25,100	7.6	51	---	---	⁴ 60	---	---	---	---
		240	8.0	27,300	7.6	51	---	---	⁴ 60	---	---	---	---
9 kW 5 lbs. ECB29-9CB (10L11) 60A Circuit breaker ECB29EH-9CB (91K67) 60A Circuit breaker	2	208	6.8	23,100	7.6	50	---	---	⁴ 50	---	---	---	---
		220	7.6	25,800	7.6	56	---	---	60	---	---	---	---
		230	8.3	28,200	7.6	56	---	---	60	---	---	---	---
		240	9.0	30,700	7.6	56	---	---	60	---	---	---	---
12.5 kW 10 lbs. ECB29-12.5CB (28K37) ECB29EH-12.5CB (91K68) (1) 25A Circuit Breaker and (1) 50A Circuit breaker	2	208	9.4	32,000	7.6	28	38	---	⁴ 30	⁴ 40	---	66	70
		220	10.5	35,800	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
		230	11.5	39,200	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
		240	12.5	42,600	7.6	31	43	---	⁴ 35	⁴ 45	---	75	80
15 kW 12 lbs. ECB29-15CB (28K38) ECB29EH-15CB (91K69) (1) 30A Circuit breaker and (1) 60A Circuit breaker	2	208	11.3	38,400	7.6	32	45	---	⁴ 35	⁴ 45	---	77	80
		220	12.6	43,000	7.6	36	52	---	⁴ 40	60	---	88	90
		230	13.5	47,000	7.6	36	52	---	⁴ 40	60	---	88	90
		240	15.0	51,200	7.6	36	52	---	⁴ 40	60	---	88	90
20 kW 19 lbs. ECB29-20CB (11L31) ECB29EH-20CB (91K70) (1) 50A Circuit Breaker and (1) 60A Circuit breaker	2	208	15.0	51,200	7.6	50	50	---	50	⁴ 50	---	100	125
		220	16.8	57,300	7.6	56	57	---	⁴ 60	60	---	114	125
		230	18.4	62,700	7.6	56	57	---	⁴ 60	60	---	114	125
		240	20.0	68,200	7.6	56	57	---	⁴ 60	60	---	114	125
25 kW 19 lbs. ECB29-25CB (28K40) (3) 50A Circuit breakers	3	208	18.8	64,100	7.6	47	38	38	50	⁴ 40	⁴ 40	123	125
		220	21.0	71,700	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150
		230	23.0	78,300	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150
		240	25.0	85,300	7.6	53	43	43	⁴ 60	⁴ 45	⁴ 45	140	150

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

ELECTRIC HEAT DATA - CBX27UH-060

THREE PHASE

Model Number	No. of Stages	Input			² Blower Motor Full Load Amps	³ Minimum Circuit Ampacity		⁵ Maximum Overcurrent Protection		Single Point Power Source	
		Volts	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	³ Minimum Circuit Ampacity	⁵ Maximum Overcurrent Protection
8 kW 5 lbs. ECB29-8 (28K42) Terminal block	1	208	6.0	20,500	7.6	30	---	30	---	---	---
		220	6.7	22,900	7.6	33	---	35	---	---	---
		230	7.3	25,100	7.6	33	---	35	---	---	---
		240	8.0	27,300	7.6	33	---	35	---	---	---
10 kW 6 lbs. ECB29-10 (28K43) Terminal Block	1	208	7.5	25,600	7.6	36	---	40	---	---	---
		220	8.4	28,700	7.6	40	---	40	---	---	---
		230	9.2	31,400	7.6	40	---	40	---	---	---
		240	10.0	34,100	7.6	40	---	40	---	---	---
ECB29-10 (28K47) (3) 20A Fuses	1	440	8.4	28,700	4.0	18	---	20	---	---	---
		460	9.2	31,400	4.0	19	---	20	---	---	---
		480	10.0	34,100	4.0	20	---	25	---	---	---
15 kW 12 lbs. ECB29-15CB (28K44) 50A Circuit breaker	1	208	11.3	38,400	7.6	49	---	50	---	---	---
		220	12.6	43,000	7.6	55	---	4 60	---	---	---
		230	13.5	47,000	7.6	55	---	4 60	---	---	---
		240	15.0	51,200	7.6	55	---	4 60	---	---	---
ECB29-15 (28K48) (3) 25A Fuses	1	440	12.6	43,000	4.0	25	---	30	---	---	---
		460	13.5	47,000	4.0	26	---	30	---	---	---
		480	15.0	51,200	4.0	27	---	30	---	---	---
20 kW 19 lbs. ECB29-20CB (28K45) (2) 35A Circuit breaker	2	208	15.0	51,200	7.6	36	26	4 40	4 30	62	70
		220	16.8	57,300	7.6	40	30	4 40	4 30	70	70
		230	18.4	62,700	7.6	40	30	4 40	4 30	70	70
		240	20.0	68,200	7.6	40	30	4 40	4 30	70	70
ECB29-20 (28K49) (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	---	---	---
⁶ ECB29-20 (28K51) (3) 25A Fuses	1	550	16.8	57,300	4.0	27	---	30	---	---	---
		575	18.4	62,700	4.0	28	---	30	---	---	---
		600	20.0	68,200	4.0	29	---	30	---	---	---
25 kW 19 lbs. ECB29-25CB (28K46) (2) 45A Circuit breaker	2	208	18.8	64,100	7.6	42	33	45	4 35	75	80
		220	21.0	71,700	7.6	47	38	4 50	4 40	85	90
		230	23.0	78,300	7.6	47	38	4 50	4 40	85	90
		240	25.0	85,300	7.6	47	38	4 50	4 40	85	90
ECB29-25 (28K50) (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	---	---	---
⁶ ECB29-25 (28K52) (3) 35A Fuses	1	550	21.0	71,700	4.0	32	---	35	---	---	---
		575	23.0	78,300	4.0	34	---	35	---	---	---
		600	25.0	85,300	4.0	35	---	40	---	---	---

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Amps shown are for blower motor only.

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

⁴ **Bold text indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on Page 1.**

⁵ HACR type circuit breaker or fuse.

⁶ Blower motor is rated at 460V.

ELECTRIC HEAT DATA - CBX25UHV-018 AND CBX25UHV-024

SINGLE PHASE		CBX25UHV-018					
	Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
		Volt	kW	¹ Btuh			
2.5 kW	ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	3.9	16	20
		220	2.1	7,200	3.9	17	20
		230	2.3	7,800	3.9	17	20
		240	2.5	8,500	3.9	18	20
5 kW	ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	3.9	27	30
		220	4.2	14,300	3.9	29	30
		230	4.6	15,700	3.9	30	30
		240	5.0	17,100	3.9	31	35
7.5 kW	ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	3.9	39	⁴ 40
		220	6.3	21,500	3.9	41	45
		230	6.9	23,500	3.9	42	45
		240	7.5	25,600	3.9	44	45
10 kW	ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	3.9	45	⁴ 45
		220	7.6	25,800	3.9	48	⁴ 50
		230	8.3	28,200	3.9	50	⁴ 50
		240	9.0	30,700	3.9	52	60
SINGLE PHASE		CBX25UHV-024					
	Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
		Volt	kW	¹ Btuh			
2.5 kW	ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	3.9	16	20
		220	2.1	7,200	3.9	17	20
		230	2.3	7,800	3.9	17	20
		240	2.5	8,500	3.9	18	20
5 kW	ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	3.9	27	30
		220	4.2	14,300	3.9	29	30
		230	4.6	15,700	3.9	30	30
		240	5.0	17,100	3.9	31	⁴ 35
7.5 kW	ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	3.9	39	⁴ 40
		220	6.3	21,500	3.9	41	45
		230	6.9	23,500	3.9	42	45
		240	7.5	25,600	3.9	44	45
10 kW	ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	3.9	45	⁴ 45
		220	7.6	25,800	3.9	48	⁴ 50
		230	8.3	28,200	3.9	50	⁴ 50
		240	9.0	30,700	3.9	52	60

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 1.**

ELECTRIC HEAT DATA - CBX25UHV-030

SINGLE PHASE		CBX25UHV-030									
		Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source	
		Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
2.5 kW	ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	3.9	16	---	20	---	---	---
		220	2.1	7,200	3.9	17	---	20	---	---	---
		230	2.3	7,800	3.9	17	---	20	---	---	---
		240	2.5	8,500	3.9	18	---	20	---	---	---
5 kW	ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	3.9	27	---	30	---	---	---
		220	4.2	14,300	3.9	29	---	30	---	---	---
		230	4.6	15,700	3.9	30	---	30	---	---	---
		240	5.0	17,100	3.9	31	---	⁴ 35	---	---	---
7.5 kW	ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	3.9	39	---	⁴ 40	---	---	---
		220	6.3	21,500	3.9	41	---	45	---	---	---
		230	6.9	23,500	3.9	42	---	45	---	---	---
		240	7.5	25,600	3.9	44	---	45	---	---	---
10 kW	ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	3.9	45	---	⁴ 45	---	---	---
		220	7.6	25,800	3.9	48	---	⁴ 50	---	---	---
		230	8.3	28,200	3.9	50	---	⁴ 50	---	---	---
		240	9.0	30,700	3.9	52	---	60	---	---	---
12.5 kW	ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	3.9	42	23	⁴ 45	25	65	70
		220	10.5	35,800	3.9	45	24	⁴ 45	25	68	70
		230	11.5	39,200	3.9	46	25	50	25	71	80
		240	12.5	42,600	3.9	48	26	50	⁴ 30	74	80
15 kW	ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	3.9	25	45	30	⁴ 50	72	80
		220	12.6	43,000	3.9	26	48	30	⁴ 50	76	80
		230	13.5	47,000	3.9	27	50	30	⁴ 50	80	80
		240	15.0	51,200	3.9	28	52	⁴ 35	60	83	90

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 1.**

ELECTRIC HEAT DATA - CBX25UHV-036

SINGLE PHASE		CBX25UHV-036									
Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source		
	Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection	
2.5 kW ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	3.9	16	---	20	---	---	---	
	220	2.1	7,200	3.9	17	---	20	---	---	---	
	230	2.3	7,800	3.9	17	---	20	---	---	---	
	240	2.5	8,500	3.9	18	---	20	---	---	---	
5 kW ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	3.9	27	---	30	---	---	---	
	220	4.2	14,300	3.9	29	---	30	---	---	---	
	230	4.6	15,700	3.9	30	---	30	---	---	---	
	240	5.0	17,100	3.9	31	---	⁴ 35	---	---	---	
7.5 kW ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	3.9	39	---	⁴ 40	---	---	---	
	220	6.3	21,500	3.9	41	---	45	---	---	---	
	230	6.9	23,500	3.9	42	---	45	---	---	---	
	240	7.5	25,600	3.9	44	---	45	---	---	---	
10 kW ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	3.9	45	---	⁴ 45	---	---	---	
	220	7.6	25,800	3.9	48	---	⁴ 50	---	---	---	
	230	8.3	28,200	3.9	50	---	⁴ 50	---	---	---	
	240	9.0	30,700	3.9	52	---	60	---	---	---	
12.5 kW ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	3.9	42	23	⁴ 45	25	65	70	
	220	10.5	35,800	3.9	45	24	⁴ 45	25	68	70	
	230	11.5	39,200	3.9	46	25	50	25	71	80	
	240	12.5	42,600	3.9	48	26	50	⁴ 30	74	80	
15 kW ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	3.9	25	45	30	⁴ 50	72	80	
	220	12.6	43,000	3.9	26	48	30	⁴ 50	76	80	
	230	13.5	47,000	3.9	27	50	30	⁴ 50	80	80	
	240	15.0	51,200	3.9	28	52	⁴ 35	60	83	90	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 1.**

ELECTRIC HEAT DATA - CBX25UHV-042

SINGLE PHASE		CBX25UHV-042									
Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source		
	Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection	
2.5 kW	ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	5.2	18	---	20	---	---	---
		220	2.1	7,200	5.2	18	---	20	---	---	---
		230	2.3	7,800	5.2	19	---	20	---	---	---
		240	2.5	8,500	5.2	20	---	20	---	---	---
5 kW	ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	5.2	29	---	30	---	---	---
		220	4.2	14,300	5.2	30	---	30	---	---	---
		230	4.6	15,700	5.2	32	---	⁴ 35	---	---	---
		240	5.0	17,100	5.2	33	---	⁴ 35	---	---	---
7.5 kW	ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	5.2	40	---	⁴ 40	---	---	---
		220	6.3	21,500	5.2	42	---	45	---	---	---
		230	6.9	23,500	5.2	44	---	45	---	---	---
		240	7.5	25,600	5.2	46	---	⁴ 50	---	---	---
10 kW	ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	5.2	47	---	⁴ 50	---	---	---
		220	7.6	25,800	5.2	49	---	⁴ 50	---	---	---
		230	8.3	28,200	5.2	52	---	60	---	---	---
		240	9.0	30,700	5.2	53	---	60	---	---	---
12.5 kW	ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	5.2	44	23	⁴ 45	25	67	70
		220	10.5	35,800	5.2	46	24	50	25	70	70
		230	11.5	39,200	5.2	48	25	50	25	73	80
		240	12.5	42,600	5.2	50	26	50	⁴ 30	76	80
15 kW	ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	5.2	29	45	30	⁴ 50	74	80
		220	12.6	43,000	5.2	30	48	30	⁴ 50	78	80
		230	13.5	47,000	5.2	32	50	⁴ 35	50	82	90
		240	15.0	51,200	5.2	33	52	⁴ 35	60	85	90

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 1.

ELECTRIC HEAT DATA - CBX25UHV-048 AND CBX25UHV-060

SINGLE PHASE		CBX25UHV-048, CBX25UHV-060									
		Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source	
		Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
5 kW	ECB25-5 (89W43) Terminal Block	208	3.8	12,800	6.9	31	---	⁴ 35	---	---	---
	ECB25-5CB (89W44) 30A Circuit Breaker	220	4.2	14,300	6.9	32	---	⁴ 35	---	---	---
		230	4.6	15,700	6.9	34	---	⁴ 35	---	---	---
		240	5.0	17,100	6.9	35	---	⁴ 35	---	---	---
7.5 kW	ECB25-7.5 (89W45) Terminal Block	208	5.6	19,200	6.9	42	---	45	---	---	---
	ECB25-7.5CB (89W46) 45A Circuit Breaker	220	6.3	21,500	6.9	44	---	45	---	---	---
		230	6.9	23,500	6.9	46	---	⁴ 50	---	---	---
		240	7.5	25,600	6.9	48	---	⁴ 50	---	---	---
10 kW	ECB25-10 (10Z43) Terminal Block	208	6.8	23,000	6.9	49	---	⁴ 50	---	---	---
	ECB25-10CB (10T37) 60A Circuit Breaker	220	7.6	25,800	6.9	52	---	60	---	---	---
		230	8.3	28,200	6.9	54	---	60	---	---	---
		240	9.0	30,700	6.9	56	---	60	---	---	---
12.5 kW	ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	6.9	46	23	50	25	69	70
		220	10.5	35,800	6.9	48	24	50	25	72	80
		230	11.5	39,200	6.9	50	25	50	25	75	80
		240	12.5	42,600	6.9	52	26	⁴ 60	⁴ 30	78	80
15 kW	ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	6.9	31	45	⁴ 35	⁴ 50	76	80
		220	12.6	43,000	6.9	32	48	⁴ 35	⁴ 50	80	80
		230	13.5	47,000	6.9	34	50	⁴ 35	⁴ 50	84	90
		240	15.0	51,200	6.9	35	52	⁴ 35	60	87	90
20 kW	ECB25-20CB (10T35) (1) 60A and (1) 60A Circuit Breaker	208	15.0	51,200	6.9	50	49	⁴ 50	⁴ 50	99	100
		220	16.8	57,300	6.9	53	52	60	60	104	110
		230	18.4	62,700	6.9	55	54	60	60	109	110
		240	20.0	68,200	6.9	57	56	60	60	113	125

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 1.**

ELECTRIC HEAT DATA - CBX25UH-018 AND CBX25UH-024

SINGLE PHASE		CBX25UH-018					
	Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
		Volt	kW	¹ Btuh			
2.5 kW	ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	1.1	13	15
		220	2.1	7,200	1.1	13	15
		230	2.3	7,800	1.1	14	15
		240	2.5	8,500	1.1	14	15
5 kW	ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	1.1	24	⁴ 25
		220	4.2	14,300	1.1	25	⁴ 25
		230	4.6	15,700	1.1	26	30
		240	5.0	17,100	1.1	27	30
7.5 kW	ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	1.1	35	⁴ 40
		220	6.3	21,500	1.1	37	⁴ 40
		230	6.9	23,500	1.1	39	⁴ 40
		240	7.5	25,600	1.1	40	45
10 kW	ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	1.1	42	⁴ 45
		220	7.6	25,800	1.1	44	⁴ 45
		230	8.3	28,200	1.1	46	⁴ 50
		240	9.0	30,700	1.1	48	⁴ 50
SINGLE PHASE		CBX25UH-024					
	Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
		Volt	kW	¹ Btuh			
2.5 kW	ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	1.6	13	15
		220	2.1	7,200	1.6	14	15
		230	2.3	7,800	1.6	15	15
		240	2.5	8,500	1.6	15	15
5 kW	ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	1.6	25	⁴ 25
		220	4.2	14,300	1.6	26	30
		230	4.6	15,700	1.6	27	30
		240	5.0	17,100	1.6	28	30
7.5 kW	ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	1.6	36	⁴ 40
		220	6.3	21,500	1.6	38	⁴ 40
		230	6.9	23,500	1.6	40	⁴ 40
		240	7.5	25,600	1.6	41	45
10 kW	ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	1.6	43	⁴ 45
		220	7.6	25,800	1.6	45	⁴ 45
		230	8.3	28,200	1.6	47	⁴ 50
		240	9.0	30,700	1.6	49	⁴ 50

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 4.**

ELECTRIC HEAT DATA - CBX25UH-030

SINGLE PHASE		CBX25UH-030									
Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source		
	Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection	
2.5 kW ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	1.9	14	---	15	---	---	---	
	220	2.1	7,200	1.9	14	---	15	---	---	---	
	230	2.3	7,800	1.9	15	---	15	---	---	---	
	240	2.5	8,500	1.9	15	---	15	---	---	---	
5 kW ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	1.9	25	---	425	---	---	---	
	220	4.2	14,300	1.9	26	---	30	---	---	---	
	230	4.6	15,700	1.9	27	---	30	---	---	---	
	240	5.0	17,100	1.9	28	---	30	---	---	---	
7.5 kW ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	1.9	36	---	440	---	---	---	
	220	6.3	21,500	1.9	38	---	440	---	---	---	
	230	6.9	23,500	1.9	40	---	440	---	---	---	
	240	7.5	25,600	1.9	41	---	45	---	---	---	
10 kW ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	1.9	43	---	445	---	---	---	
	220	7.6	25,800	1.9	45	---	445	---	---	---	
	230	8.3	28,200	1.9	47	---	450	---	---	---	
	240	9.0	30,700	1.9	49	---	450	---	---	---	
12.5 kW ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	1.9	40	19	440	420	58	60	
	220	10.5	35,800	1.9	42	20	445	420	61	70	
	230	11.5	39,200	1.9	44	21	445	25	64	70	
	240	12.5	42,600	1.9	46	22	50	25	66	70	
15 kW ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	1.9	25	45	425	450	69	70	
	220	12.6	43,000	1.9	26	48	30	450	73	80	
	230	13.5	47,000	1.9	27	50	30	450	76	80	
	240	15.0	51,200	1.9	28	52	30	60	80	80	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 4.**

ELECTRIC HEAT DATA - CBX25UH-036

SINGLE PHASE		CBX25UH-036									
Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source		
	Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection	
2.5 kW ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	2.3	14	---	15	---	---	---	
	220	2.1	7,200	2.3	15	---	15	---	---	---	
	230	2.3	7,800	2.3	15	---	15	---	---	---	
	240	2.5	8,500	2.3	16	---	20	---	---	---	
5 kW ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	2.3	25	---	⁴ 25	---	---	---	
	220	4.2	14,300	2.3	27	---	30	---	---	---	
	230	4.6	15,700	2.3	28	---	30	---	---	---	
	240	5.0	17,100	2.3	29	---	30	---	---	---	
7.5 kW ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	2.3	37	---	⁴ 40	---	---	---	
	220	6.3	21,500	2.3	39	---	⁴ 40	---	---	---	
	230	6.9	23,500	2.3	40	---	⁴ 40	---	---	---	
	240	7.5	25,600	2.3	42	---	45	---	---	---	
10 kW ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	2.3	43	---	⁴ 45	---	---	---	
	220	7.6	25,800	2.3	46	---	⁴ 50	---	---	---	
	230	8.3	28,200	2.3	48	---	⁴ 50	---	---	---	
	240	9.0	30,700	2.3	50	---	⁴ 50	---	---	---	
12.5 kW ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	2.3	40	19	⁴ 40	⁴ 20	59	60	
	220	10.5	35,800	2.3	43	20	⁴ 45	⁴ 20	62	70	
	230	11.5	39,200	2.3	44	21	⁴ 45	25	65	70	
	240	12.5	42,600	2.3	46	22	50	25	68	70	
15 kW ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	2.3	25	45	⁴ 25	⁴ 50	70	70	
	220	12.6	43,000	2.3	27	48	30	⁴ 50	74	80	
	230	13.5	47,000	2.3	28	50	30	⁴ 50	78	80	
	240	15.0	51,200	2.3	29	52	30	60	81	90	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 4.**

ELECTRIC HEAT DATA - CBX25UH-042

SINGLE PHASE		CBX25UH-042									
Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source		
	Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection	
2.5 kW ECB25-2.5 (89W42) Wire Leads	208	1.9	6,400	1.9	14	---	15	---	---	---	
	220	2.1	7,200	1.9	14	---	15	---	---	---	
	230	2.3	7,800	1.9	15	---	15	---	---	---	
	240	2.5	8,500	1.9	15	---	15	---	---	---	
5 kW ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	1.9	25	---	425	---	---	---	
	220	4.2	14,300	1.9	26	---	30	---	---	---	
	230	4.6	15,700	1.9	27	---	30	---	---	---	
	240	5.0	17,100	1.9	28	---	30	---	---	---	
7.5 kW ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	1.9	36	---	440	---	---	---	
	220	6.3	21,500	1.9	38	---	440	---	---	---	
	230	6.9	23,500	1.9	40	---	440	---	---	---	
	240	7.5	25,600	1.9	41	---	45	---	---	---	
10 kW ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	1.9	43	---	445	---	---	---	
	220	7.6	25,800	1.9	45	---	445	---	---	---	
	230	8.3	28,200	1.9	47	---	450	---	---	---	
	240	9.0	30,700	1.9	49	---	450	---	---	---	
12.5 kW ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	1.9	40	19	440	420	54	60	
	220	10.5	35,800	1.9	42	20	445	420	62	70	
	230	11.5	39,200	1.9	44	21	445	25	65	70	
	240	12.5	42,600	1.9	46	22	50	25	67	70	
15 kW ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	1.9	25	45	425	450	70	70	
	220	12.6	43,000	1.9	26	48	30	450	74	80	
	230	13.5	47,000	1.9	27	50	30	450	77	80	
	240	15.0	51,200	1.9	28	52	30	60	81	90	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 4.**

ELECTRIC HEAT DATA - CBX25UH-048 AND CBX25UH-060

SINGLE PHASE		CBX25UH-048, CBX25UH-060									
		Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source	
		Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
5 kW	ECB25-5 (89W43) Terminal Block ECB25-5CB (89W44) 30A Circuit Breaker	208	3.8	12,800	3.9	27	---	30	---	---	---
		220	4.2	14,300	3.9	29	---	30	---	---	---
		230	4.6	15,700	3.9	30	---	30	---	---	---
		240	5.0	17,100	3.9	31	---	435	---	---	---
7.5 kW	ECB25-7.5 (89W45) Terminal Block ECB25-7.5CB (89W46) 45A Circuit Breaker	208	5.6	19,200	3.9	39	---	440	---	---	---
		220	6.3	21,500	3.9	41	---	45	---	---	---
		230	6.9	23,500	3.9	42	---	45	---	---	---
		240	7.5	25,600	3.9	44	---	45	---	---	---
10 kW	ECB25-10 (10Z43) Terminal Block ECB25-10CB (10T37) 60A Circuit Breaker	208	6.8	23,000	3.9	45	---	445	---	---	---
		220	7.6	25,800	3.9	48	---	450	---	---	---
		230	8.3	28,200	3.9	50	---	450	---	---	---
		240	9.0	30,700	3.9	52	---	60	---	---	---
12.5 kW	ECB25-12.5CB (89W49) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	3.9	42	19	445	420	61	70
		220	10.5	35,800	3.9	45	20	445	420	64	70
		230	11.5	39,200	3.9	46	21	50	25	67	70
		240	12.5	42,600	3.9	48	22	50	25	70	70
15 kW	ECB25-15CB (10T14) (1) 60A and (1) 30A Circuit Breaker	208	11.3	38,400	3.9	27	45	30	450	72	80
		220	12.6	43,000	3.9	29	48	30	450	76	80
		230	13.5	47,000	3.9	30	50	30	450	80	80
		240	15.0	51,200	3.9	31	52	435	60	83	90
20 kW	ECB25-20CB (10T35) (1) 60A and (1) 60A Circuit Breaker	208	15.0	51,200	3.9	45	50	445	450	95	100
		220	16.8	57,300	3.9	48	53	450	60	100	100
		230	18.4	62,700	3.9	50	55	450	60	105	110
		240	20.0	68,200	3.9	52	57	60	60	109	110

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See table on page 4.**

REVISIONS

Sections	Description of Change
Electric Heat Data	CBX25UH Electric heat data updated.
Electric Heat Data	Added CBX25UHV Electric Heat information.



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