ELECTRIC HEAT DATA

CBK45UHPT | CBK45UHET | CBK45UHVT | CBK47UHET | CBK48MVT

RESIDENTIAL
PRODUCT SPECIFICATIONS (EHB)

CONTENTS

CBK45UHET-024 | Single Phase. . . . 2
CBK45UHET-030 | Single Phase . . . 3
CBK45UHET-036 | Single Phase . . . 4
CBK45UHET-042 | Single Phase . . . 5
CBK45UHET-048 | CBK45UHET-060 | Single Phase . . . 6
CBK45UHPT-018 | Single Phase . . . 12
CBK45UHPT-024 | Single Phase . . . 12
CBK45UHPT-030 | Single Phase . . . 13
CBK45UHPT-036 | Single Phase . . . 14
CBK45UHPT-042 | Single Phase . . . 15
CBK45UHVT-018 | Single Phase . . . 7
CBK45UHVT-024 | Single Phase . . . 7
CBK45UHVT-030 | Single Phase . . . 8
CBK45UHVT-036 | Single Phase . . . 9
CBK45UHVT-042 | Single Phase . . . 10
CBK45UHVT-048 | CBK45UHVT-060 | Single Phase . . . 11
CBK47UHET-018 | Single Phase. . . . 16
CBK47UHET-024 | Single Phase. . . . 17
CBK47UHET-030 | Single Phase. . . . 18
CBK47UHET-036 | Single Phase. . . . 19
CBK47UHET-036 | Three Phase . . . 20
CBK47UHET-042 | Single Phase. . . . 21
CBK47UHET-042 | Three Phase . . . 22
CBK47UHET-048 | Single Phase. . . . 23
CBK47UHET-048 | Three Phase . . . 24
CBK47UHET-060 | Single Phase. . . . 25
CBK47UHET-060 | Three Phase . . . 26
CBK48MVT-018/024 | Single Phase . . . 27
CBK48MVT-030 | Single Phase . . . 28
CBK48MVT-036 | Single Phase . . . 29
CBK48MVT-036 | Three Phase . . . 30
CBK48MVT-042 | Single Phase . . . 31
CBK48MVT-042 | Three Phase . . . 32
CBK48MVT-048 And CBK48MVT-060 | Single Phase . . . 33
CBK48MVT-048 And CBK48MVT-060 | Three Phase . . . 34
Replacement Circuit Breakers . . . 1

REPLACEMENT CIRCUIT BREAKERS

Voltage	Description	Order Number
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**

Form Number 211099 | September 2024
Supersedes all previous versions

ELECTRIC HEAT DATA — CBK45UHET-024 | SINGLE PHASE

	Electric Heat Model Number	Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity	[3] Maximum Overcurrent Protection
		Volt	kW	[1] Btuh			
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	4.1	23	[4] **25**
		220	3.4	11,450	4.1	24	[4] **25**
		230	3.7	12,550	4.1	25	[4] **25**
		240	4.0	13,650	4.1	26	30
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	4.1	27	30
		220	4.0	13,800	4.1	28	30
		230	4.4	15,000	4.1	29	30
		240	4.8	16,400	4.1	30	30
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	4.1	39	[4] **40**
		220	6.3	21,500	4.1	41	45
		230	6.9	23,500	4.1	43	45
		240	7.5	25,600	4.1	44	45
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	4.1	48	[4] **50**
		220	8.0	27,500	4.1	51	60
		230	8.8	30,000	4.1	53	60
		240	9.6	32,700	4.1	55	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 Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	4.1	23	- - -	[4] **25**	- - -	- - -	- - -
		220	3.4	11,450	4.1	24	- - -	[4] **25**	- - -	- - -	- - -
		230	3.7	12,550	4.1	25	- - -	[4] **25**	- - -	- - -	- - -
		240	4.0	13,650	4.1	26	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	4.1	27	- - -	30	- - -	- - -	- - -
		220	4.0	13,800	4.1	28	- - -	30	- - -	- - -	- - -
		230	4.4	15,000	4.1	29	- - -	30	- - -	- - -	- - -
		240	4.8	16,400	4.1	30	- - -	30	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	4.1	39	- - -	[4] **40**	- - -	- - -	- - -
		220	6.3	21,500	4.1	41	- - -	45	- - -	- - -	- - -
		230	6.9	23,500	4.1	43	- - -	45	- - -	- - -	- - -
		240	7.5	25,600	4.1	44	- - -	45	- - -	- - -	- - -
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	4.1	48	- - -	[4] **50**	- - -	- - -	- - -
		220	8.0	27,500	4.1	51	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	4.1	53	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	4.1	55	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	4.1	43	19	[4] **45**	[4] **20**	62	70
		220	10.5	35,800	4.1	45	20	[4] **45**	[4] **20**	65	70
		230	11.5	39,200	4.1	47	21	50	25	68	70
		240	12.5	42,600	4.1	49	22	50	25	70	70
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	4.1	48	22	[4] **50**	25	70	70
		220	12.1	41,300	4.1	51	23	60	25	74	80
		230	13.2	45,100	4.1	53	24	60	25	77	80
		240	14.4	49,100	4.1	55	25	60	25	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 1.

ELECTRIC HEAT DATA — CBK45UHET-036 | SINGLE PHASE

	Electric Heat Model Number	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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	4.1	23	- - -	[4] **25**	- - -	- - -	- - -
		220	3.4	11,450	4.1	24	- - -	[4] **25**	- - -	- - -	- - -
		230	3.7	12,550	4.1	25	- - -	[4] **25**	- - -	- - -	- - -
		240	4.0	13,650	4.1	26	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	4.1	27	- - -	30	- - -	- - -	- - -
		220	4.0	13,800	4.1	28	- - -	30	- - -	- - -	- - -
		230	4.4	15,000	4.1	29	- - -	30	- - -	- - -	- - -
		240	4.8	16,400	4.1	30	- - -	30	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	4.1	39	- - -	[4] **40**	- - -	- - -	- - -
		220	6.3	21,500	4.1	41	- - -	45	- - -	- - -	- - -
		230	6.9	23,500	4.1	43	- - -	45	- - -	- - -	- - -
		240	7.5	25,600	4.1	44	- - -	45	- - -	- - -	- - -
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	4.1	48	- - -	[4] **50**	- - -	- - -	- - -
		220	8.0	27,500	4.1	51	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	4.1	53	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	4.1	55	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	4.1	43	19	[4] **45**	[4] **20**	62	70
		220	10.5	35,800	4.1	45	20	[4] **45**	[4] **20**	65	70
		230	11.5	39,200	4.1	47	21	50	25	68	70
		240	12.5	42,600	4.1	49	22	50	25	70	70
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	4.1	48	22	[4] **50**	25	70	70
		220	12.1	41,300	4.1	51	23	60	25	74	80
		230	13.2	45,100	4.1	53	24	60	25	77	80
		240	14.4	49,100	4.1	55	25	60	25	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 1.

ELECTRIC HEAT DATA — CBK45UHET-042 | SINGLE PHASE

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	6.0	26	- - -	30	- - -	- - -	- - -
		220	3.4	11,450	6.0	27	- - -	30	- - -	- - -	- - -
		230	3.7	12,550	6.0	27	- - -	30	- - -	- - -	- - -
		240	4.0	13,650	6.0	28	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	6.0	29	- - -	30	- - -	- - -	- - -
		220	4.0	13,800	6.0	30	- - -	30	- - -	- - -	- - -
		230	4.4	15,000	6.0	31	- - -	[4] **35**	- - -	- - -	- - -
		240	4.8	16,400	6.0	33	- - -	[4] **35**	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	6.0	41	- - -	45	- - -	- - -	- - -
		220	6.3	21,500	6.0	43	- - -	45	- - -	- - -	- - -
		230	6.9	23,500	6.0	45	- - -	45	- - -	- - -	- - -
		240	7.5	25,600	6.0	47	- - -	[4] **50**	- - -	- - -	- - -
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	6.0	51	- - -	60	- - -	- - -	- - -
		220	8.0	27,500	6.0	53	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	6.0	55	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	6.0	58	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	6.0	45	19	[4] **45**	[4] **20**	64	70
		220	10.5	35,800	6.0	47	20	50	[4] **20**	67	70
		230	11.5	39,200	6.0	49	21	50	25	70	70
		240	12.5	42,600	6.0	51	22	[4] **60**	25	73	80
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	6.0	51	22	60	25	73	80
		220	12.1	41,300	6.0	53	23	60	25	76	80
		230	13.2	45,100	6.0	55	24	60	25	79	80
		240	14.4	49,100	6.0	58	25	60	25	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 — CBK45UHET-048 | CBK45UHET-060 | SINGLE PHASE

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	7.6	28	- - -	30	- - -	- - -	- - -
		220	3.4	11,450	7.6	29	- - -	30	- - -	- - -	- - -
		230	3.7	12,550	7.6	29	- - -	30	- - -	- - -	- - -
		240	4.0	13,650	7.6	30	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	7.6	31	- - -	[4] **35**	- - -	- - -	- - -
		220	4.0	13,800	7.6	32	- - -	[4] **35**	- - -	- - -	- - -
		230	4.4	15,000	7.6	33	- - -	[4] **35**	- - -	- - -	- - -
		240	4.8	16,400	7.6	35	- - -	[4] **35**	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	7.6	43	- - -	45	- - -	- - -	- - -
		220	6.3	21,500	7.6	45	- - -	45	- - -	- - -	- - -
		230	6.9	23,500	7.6	47	- - -	[4] **50**	- - -	- - -	- - -
		240	7.5	25,600	7.6	49	- - -	[4] **50**	- - -	- - -	- - -
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	7.6	53	- - -	60	- - -	- - -	- - -
		220	8.0	27,500	7.6	55	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	7.6	57	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	7.6	60	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	7.6	47	19	50	[4] **20**	66	70
		220	10.5	35,800	7.6	49	20	50	[4] **20**	69	70
		230	11.5	39,200	7.6	51	21	[4] **60**	25	72	80
		240	12.5	42,600	7.6	53	22	[4] **60**	25	75	80
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	7.6	53	22	60	25	75	80
		220	12.1	41,300	7.6	55	23	60	25	78	80
		230	13.2	45,100	7.6	57	24	60	25	81	90
		240	14.4	49,100	7.6	60	25	60	25	85	90
20 kW	ECB45-20CB (**27A18**) (1) 60A and (1) 50A Circuit Breaker	208	14.4	49,200	7.6	53	43	60	[4] **45**	96	100
		220	16.1	55,000	7.6	55	46	60	50	101	110
		230	17.6	60,100	7.6	57	48	60	50	105	110
		240	19.2	65,500	7.6	60	50	60	50	110	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 1.

ELECTRIC HEAT DATA — CBK45UHVT-018 | SINGLE PHASE

	Electric Heat Model Number	Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity	[3] Maximum Overcurrent Protection
		Volt	kW	[1] Btuh			
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	3.9	23	[4] **25**
		220	3.4	11,450	3.9	24	[4] **25**
		230	3.7	12,550	3.9	25	[4] **25**
		240	4.0	13,650	3.9	26	30
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	3.9	27	30
		220	4.0	13,800	3.9	28	30
		230	4.4	15,000	3.9	29	30
		240	4.8	16,400	3.9	30	30
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 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	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	3.9	48	[4] **50**
		220	8.0	27,500	3.9	51	60
		230	8.8	30,000	3.9	53	60
		240	9.6	32,700	3.9	55	60

ELECTRIC HEAT DATA — CBK45UHVT-024 | SINGLE PHASE

	Electric Heat Model Number	Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity	[3] Maximum Overcurrent Protection
		Volt	kW	[1] Btuh			
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	3.9	23	[4] **25**
		220	3.4	11,450	3.9	24	[4] **25**
		230	3.7	12,550	3.9	25	[4] **25**
		240	4.0	13,650	3.9	26	30
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	3.9	27	30
		220	4.0	13,800	3.9	28	30
		230	4.4	15,000	3.9	29	30
		240	4.8	16,400	3.9	30	30
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 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	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	3.9	48	[4] **50**
		220	8.0	27,500	3.9	51	60
		230	8.8	30,000	3.9	53	60
		240	9.6	32,700	3.9	55	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 — CBK45UHVT-030 | SINGLE PHASE

	Electric Heat Model Number	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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	3.9	23	- - -	[4] **25**	- - -	- - -	- - -
		220	3.4	11,450	3.9	24	- - -	[4] **25**	- - -	- - -	- - -
		230	3.7	12,550	3.9	25	- - -	[4] **25**	- - -	- - -	- - -
		240	4.0	13,650	3.9	26	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	3.9	27	- - -	30	- - -	- - -	- - -
		220	4.0	13,800	3.9	28	- - -	30	- - -	- - -	- - -
		230	4.4	15,000	3.9	29	- - -	30	- - -	- - -	- - -
		240	4.8	16,400	3.9	30	- - -	30	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 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	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	3.9	48	- - -	[4] **50**	- - -	- - -	- - -
		220	8.0	27,500	3.9	51	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	3.9	53	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	3.9	55	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	3.9	42	19	[4] **45**	[4] **20**	61	70
		220	10.5	35,800	3.9	45	20	[4] **45**	[4] **20**	65	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	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	3.9	48	22	[4] **50**	25	70	70
		220	12.1	41,300	3.9	51	23	60	25	74	80
		230	13.2	45,100	3.9	53	24	60	25	77	80
		240	14.4	49,100	3.9	55	25	60	25	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 1.

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	3.9	23	- - -	[4] **25**	- - -	- - -	- - -
		220	3.4	11,450	3.9	24	- - -	[4] **25**	- - -	- - -	- - -
		230	3.7	12,550	3.9	25	- - -	[4] **25**	- - -	- - -	- - -
		240	4.0	13,650	3.9	26	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	3.9	27	- - -	30	- - -	- - -	- - -
		220	4.0	13,800	3.9	28	- - -	30	- - -	- - -	- - -
		230	4.4	15,000	3.9	29	- - -	30	- - -	- - -	- - -
		240	4.8	16,400	3.9	30	- - -	30	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 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	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	3.9	48	- - -	[4] **50**	- - -	- - -	- - -
		220	8.0	27,500	3.9	51	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	3.9	53	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	3.9	55	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	3.9	42	19	[4] **45**	[4] **20**	61	70
		220	10.5	35,800	3.9	45	20	[4] **45**	[4] **20**	65	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	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	3.9	48	22	[4] **50**	25	70	70
		220	12.1	41,300	3.9	51	23	60	25	74	80
		230	13.2	45,100	3.9	53	24	60	25	77	80
		240	14.4	49,100	3.9	55	25	60	25	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 1.

ELECTRIC HEAT DATA — CBK45UHVT-042 | SINGLE PHASE

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	6.9	27	- - -	30	- - -	- - -	- - -
		220	3.4	11,450	6.9	28	- - -	30	- - -	- - -	- - -
		230	3.7	12,550	6.9	29	- - -	30	- - -	- - -	- - -
		240	4.0	13,650	6.9	29	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	6.9	30	- - -	30	- - -	- - -	- - -
		220	4.0	13,800	6.9	32	- - -	[4] **35**	- - -	- - -	- - -
		230	4.4	15,000	6.9	33	- - -	[4] **35**	- - -	- - -	- - -
		240	4.8	16,400	6.9	34	- - -	[4] **35**	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	6.9	42	- - -	45	- - -	- - -	- - -
		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	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	6.9	52	- - -	60	- - -	- - -	- - -
		220	8.0	27,500	6.9	54	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	6.9	57	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	6.9	59	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	6.9	46	19	50	[4] **20**	65	70
		220	10.5	35,800	6.9	48	20	50	[4] **20**	68	70
		230	11.5	39,200	6.9	50	21	50	25	71	80
		240	12.5	42,600	6.9	52	22	[4] **60**	25	74	80
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	6.9	52	22	60	25	74	80
		220	12.1	41,300	6.9	54	23	60	25	77	80
		230	13.2	45,100	6.9	57	24	60	25	80	80
		240	14.4	49,100	6.9	59	25	60	25	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] 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 — CBK45UHVT-048 | CBK45UHVT-060 | SINGLE PHASE

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	6.9	27	- - -	30	- - -	- - -	- - -
		220	3.4	11,450	6.9	28	- - -	30	- - -	- - -	- - -
		230	3.7	12,550	6.9	29	- - -	30	- - -	- - -	- - -
		240	4.0	13,650	6.9	29	- - -	30	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	6.9	30	- - -	30	- - -	- - -	- - -
		220	4.0	13,800	6.9	32	- - -	[4] **35**	- - -	- - -	- - -
		230	4.4	15,000	6.9	33	- - -	[4] **35**	- - -	- - -	- - -
		240	4.8	16,400	6.9	34	- - -	[4] **35**	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	6.9	42	- - -	45	- - -	- - -	- - -
		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	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	6.9	52	- - -	60	- - -	- - -	- - -
		220	8.0	27,500	6.9	54	- - -	60	- - -	- - -	- - -
		230	8.8	30,000	6.9	57	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	6.9	59	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	6.9	46	19	50	[4] **20**	65	70
		220	10.5	35,800	6.9	48	20	50	[4] **20**	68	70
		230	11.5	39,200	6.9	50	21	50	25	71	80
		240	12.5	42,600	6.9	52	22	[4] **60**	25	74	80
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	6.9	52	22	60	25	74	80
		220	12.1	41,300	6.9	54	23	60	25	77	80
		230	13.2	45,100	6.9	57	24	60	25	80	80
		240	14.4	49,100	6.9	59	25	60	25	84	90
20 kW	ECB45-20CB (**27A18**) (1) 60A and (1) 50A Circuit Breaker	208	14.4	49,200	6.9	52	43	60	[4] **45**	95	100
		220	16.1	55,000	6.9	54	46	60	50	100	100
		230	17.6	60,100	6.9	57	48	60	50	104	110
		240	19.2	65,500	6.9	59	50	60	50	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 1.

ELECTRIC HEAT DATA — CBK45UHPT-018 | SINGLE PHASE

	Electric Heat Model Number	Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity	[3] Maximum Overcurrent Protection
		Volt	kW	[1] Btuh			
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	1.1	19	[4] **20**
		220	3.4	11,450	1.1	20	[4] **20**
		230	3.7	12,550	1.1	21	[4] **25**
		240	4.0	13,650	1.1	22	[4] **25**
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	1.1	23	[4] **25**
		220	4.0	13,800	1.1	24	[4] **25**
		230	4.4	15,000	1.1	25	[4] **25**
		240	4.8	16,400	1.1	26	30
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	1.1	35	**35**
		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	[4] **40**
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	1.1	45	[4] **45**
		220	8.0	27,500	1.1	47	[4] **50**
		230	8.8	30,000	1.1	49	[4] **50**
		240	9.6	32,700	1.1	51	60

ELECTRIC HEAT DATA — CBK45UHPT-024 | SINGLE PHASE

	Electric Heat Model Number	Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity	[3] Maximum Overcurrent Protection
		Volt	kW	[1] Btuh			
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	1.6	20	[4] **20**
		220	3.4	11,450	1.6	21	[4] **25**
		230	3.7	12,550	1.6	22	[4] **25**
		240	4.0	13,650	1.6	23	[4] **25**
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	1.6	24	[4] **25**
		220	4.0	13,800	1.6	25	[4] **25**
		230	4.4	15,000	1.6	26	30
		240	4.8	16,400	1.6	27	30
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 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	39	[4] **40**
		240	7.5	25,600	1.6	41	45
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	1.6	45	[4] **45**
		220	8.0	27,500	1.6	48	[4] **50**
		230	8.8	30,000	1.6	50	[4] **50**
		240	9.6	32,700	1.6	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 — CBK45UHPT-030 | SINGLE PHASE

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	2.2	21	- - -	[4] **25**	- - -	- - -	- - -
		220	3.4	11,450	2.2	22	- - -	[4] **25**	- - -	- - -	- - -
		230	3.7	12,550	2.2	23	- - -	[4] **25**	- - -	- - -	- - -
		240	4.0	13,650	2.2	24	- - -	[4] **25**	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	2.2	24	- - -	[4] **25**	- - -	- - -	- - -
		220	4.0	13,800	2.2	26	- - -	30	- - -	- - -	- - -
		230	4.4	15,000	2.2	27	- - -	30	- - -	- - -	- - -
		240	4.8	16,400	2.2	28	- - -	30	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	2.2	37	- - -	[4] **40**	- - -	- - -	- - -
		220	6.3	21,500	2.2	39	- - -	[4] **40**	- - -	- - -	- - -
		230	6.9	23,500	2.2	40	- - -	[4] **40**	- - -	- - -	- - -
		240	7.5	25,600	2.2	42	- - -	45	- - -	- - -	- - -
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	2.2	46	- - -	[4] **50**	- - -	- - -	- - -
		220	8.0	27,500	2.2	49	- - -	[4] **50**	- - -	- - -	- - -
		230	8.8	30,000	2.2	51	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	2.2	53	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	2.2	40	19	[4] **40**	[4] **20**	59	60
		220	10.5	35,800	2.2	43	20	[4] **45**	[4] **20**	62	70
		230	11.5	39,200	2.2	44	21	[4] **45**	25	65	70
		240	12.5	42,600	2.2	46	22	50	25	68	70
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	2.2	46	22	[4] **50**	25	68	70
		220	12.1	41,300	2.2	49	23	[4] **50**	25	72	80
		230	13.2	45,100	2.2	51	24	60	25	75	80
		240	14.4	49,100	2.2	53	25	60	25	78	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 1.

ELECTRIC HEAT DATA — CBK45UHPT-036 | SINGLE PHASE

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	2.0	21	- - -	[4] **25**	- - -	- - -	- - -
		220	3.4	11,450	2.0	22	- - -	[4] **25**	- - -	- - -	- - -
		230	3.7	12,550	2.0	22	- - -	[4] **25**	- - -	- - -	- - -
		240	4.0	13,650	2.0	23	- - -	[4] **25**	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	2.0	24	- - -	[4] **25**	- - -	- - -	- - -
		220	4.0	13,800	2.0	25	- - -	[4] **25**	- - -	- - -	- - -
		230	4.4	15,000	2.0	26	- - -	30	- - -	- - -	- - -
		240	4.8	16,400	2.0	28	- - -	30	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	2.0	36	- - -	[4] **40**	- - -	- - -	- - -
		220	6.3	21,500	2.0	38	- - -	[4] **40**	- - -	- - -	- - -
		230	6.9	23,500	2.0	40	- - -	[4] **40**	- - -	- - -	- - -
		240	7.5	25,600	2.0	42	- - -	45	- - -	- - -	- - -
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	2.0	46	- - -	[4] **50**	- - -	- - -	- - -
		220	8.0	27,500	2.0	48	- - -	[4] **50**	- - -	- - -	- - -
		230	8.8	30,000	2.0	50	- - -	[4] **50**	- - -	- - -	- - -
		240	9.6	32,700	2.0	53	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	2.0	40	19	[4] **40**	[4] **20**	59	60
		220	10.5	35,800	2.0	42	20	[4] **45**	[4] **20**	62	70
		230	11.5	39,200	2.0	44	21	[4] **45**	25	65	70
		240	12.5	42,600	2.0	46	22	50	25	68	70
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	2.0	46	22	[4] **50**	25	68	70
		220	12.1	41,300	2.0	48	23	[4] **50**	25	71	80
		230	13.2	45,100	2.0	50	24	[4] **50**	25	74	80
		240	14.4	49,100	2.0	53	25	60	25	78	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 1.

ELECTRIC HEAT DATA — CBK45UHPT-042 | SINGLE PHASE

Electric Heat Model Number		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
4 kW	ECB45-4 (**27A08**) Terminal Block ECB45-4CB (**27A12**) 30A Circuit Breaker	208	3.0	10,250	2.5	21	- - -	[4] **25**	- - -	- - -	- - -
		220	3.4	11,450	2.5	22	- - -	[4] **25**	- - -	- - -	- - -
		230	3.7	12,550	2.5	23	- - -	[4] **25**	- - -	- - -	- - -
		240	4.0	13,650	2.5	24	- - -	[4] **25**	- - -	- - -	- - -
5 kW	ECB45-5 (**27A09**) Terminal Block ECB45-5CB (**27A13**) 30A Circuit Breaker	208	3.6	12,300	2.5	25	- - -	[4] **25**	- - -	- - -	- - -
		220	4.0	13,800	2.5	26	- - -	30	- - -	- - -	- - -
		230	4.4	15,000	2.5	27	- - -	30	- - -	- - -	- - -
		240	4.8	16,400	2.5	28	- - -	30	- - -	- - -	- - -
7.5 kW	ECB45-7.5 (**27A10**) Terminal Block ECB45-7.5CB (**27A14**) 45A Circuit Breaker	208	5.6	19,200	2.5	37	- - -	[4] **40**	- - -	- - -	- - -
		220	6.3	21,500	2.5	39	- - -	[4] **40**	- - -	- - -	- - -
		230	6.9	23,500	2.5	41	- - -	45	- - -	- - -	- - -
		240	7.5	25,600	2.5	42	- - -	45	- - -	- - -	- - -
10 kW	ECB45-10 (**27A11**) Terminal Block ECB45-10CB (**27A15**) 60A Circuit Breaker	208	7.2	24,600	2.5	46	- - -	[4] **50**	- - -	- - -	- - -
		220	8.0	27,500	2.5	49	- - -	[4] **50**	- - -	- - -	- - -
		230	8.8	30,000	2.5	51	- - -	60	- - -	- - -	- - -
		240	9.6	32,700	2.5	53	- - -	60	- - -	- - -	- - -
12.5 kW	ECB45-12.5CB (**27A16**) (1) 50A and (1) 25A Circuit Breaker	208	9.4	32,000	2.5	41	19	[4] **45**	[4] **20**	60	60
		220	10.5	35,800	2.5	43	20	[4] **45**	[4] **20**	63	70
		230	11.5	39,200	2.5	45	21	[4] **45**	25	66	70
		240	12.5	42,600	2.5	47	22	50	25	68	70
15 kW	ECB45-15CB (**27A17**) (1) 60A and (1) 25A Circuit Breaker	208	10.8	36,900	2.5	46	22	[4] **50**	25	68	70
		220	12.1	41,300	2.5	49	23	[4] **50**	25	72	80
		230	13.2	45,100	2.5	51	24	60	25	75	80
		240	14.4	49,100	2.5	53	25	60	25	78	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 1.

ELECTRIC HEAT DATA — CBK47UHET-018 | SINGLE PHASE

	Electic Heat Model Number	No. of Stages	Input			[2] Blower Motor Full Load Amps	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
			Volts	kW	[1] Btuh			
4 kW 4 lbs.	ECB47-4 (**27A30**) Terminal Block ECB47-4CB (**27A29**) 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.	ECB47-5 (**27A31**) Terminal Block ECB47-5CB (**27A24**) 35A Circuit Breaker	1	208	3.8	12,800	4.1	28	[4] **30**
			220	4.2	14,300	4.1	31	35
			230	4.6	15,700	4.1	31	35
			240	5.0	17,100	4.1	31	35
6 kW 4 lbs.	ECB47-6 (**27A26**) Terminal Block ECB47-6CB (**27A25**) 40A Circuit Breaker	1	208	4.5	15,400	4.1	32	[4] **35**
			220	5.0	17,100	4.1	36	40
			230	5.5	18,800	4.1	36	40
			240	6.0	20,500	4.1	36	40
8 kW 5 lbs.	ECB47-8 (**27A21**) Terminal Block ECB47-8CB (**27A32**) 50A Circuit Breaker	1	208	6.0	20,500	4.1	41	[4] **45**
			220	6.7	22,900	4.1	47	50
			230	7.3	25,100	4.1	47	50
			240	8.0	27,300	4.1	47	50
9 kW 5 lbs.	ECB47-9 (**27A22**) Terminal Block ECB47-9CB (**27A27**) 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

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 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 — CBK47UHET-024 | SINGLE PHASE

	Electic Heat Model Number	No. of Stages	Input			[2] Blower Motor Full Load Amps	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
			Volts	kW	[1] Btuh			
4 kW 4 lbs.	ECB47-4 (**27A30**) Terminal Block ECB47-4CB (**27A29**) 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.	ECB47-5 (**27A31**) Terminal Block ECB47-5CB (**27A24**) 35A Circuit Breaker	1	208	3.8	12,800	4.1	28	[4] **30**
			220	4.2	14,300	4.1	31	35
			230	4.6	15,700	4.1	31	35
			240	5.0	17,100	4.1	31	35
6 kW 4 lbs.	ECB47-6 (**27A26**) Terminal Block ECB47-6CB (**27A25**) 40A Circuit Breaker	1	208	4.5	15,400	4.1	32	[4] **35**
			220	5.0	17,100	4.1	36	40
			230	5.5	18,800	4.1	36	40
			240	6.0	20,500	4.1	36	40
8 kW 5 lbs.	ECB47-8 (**27A21**) Terminal Block ECB47-8CB (**27A32**) 50A Circuit Breaker	1	208	6.0	20,500	4.1	41	[4] **45**
			220	6.7	22,900	4.1	47	50
			230	7.3	25,100	4.1	47	50
			240	8.0	27,300	4.1	47	50
9 kW 5 lbs.	ECB47-9CB (**27A27**) 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

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 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 — CBK47UHET-030 | SINGLE PHASE

Electic Heat 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. ECB47-4 (**27A30**) Terminal Block ECB47-4CB (**27A29**) 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. ECB47-5 (**27A31**) Terminal Block ECB47-5CB (**27A24**) 35A Circuit Breaker	1	208	3.8	12,800	4.1	28	- - -	[4] **30**	- - -	- - -	- - -
		220	4.2	14,300	4.1	31	- - -	35	- - -	- - -	- - -
		230	4.6	15,700	4.1	31	- - -	35	- - -	- - -	- - -
		240	5.0	17,100	4.1	31	- - -	35	- - -	- - -	- - -
6 kW 4 lbs. ECB47-6 (**27A26**) Terminal Block ECB47-6CB (**27A25**) 40A Circuit Breaker	1	208	4.5	15,400	4.1	32	- - -	[4] **35**	- - -	- - -	- - -
		220	5.0	17,100	4.1	36	- - -	40	- - -	- - -	- - -
		230	5.5	18,800	4.1	36	- - -	40	- - -	- - -	- - -
		240	6.0	20,500	4.1	36	- - -	40	- - -	- - -	- - -
8 kW 5 lbs. ECB47-8 (**27A21**) Terminal Block ECB47-8CB (**27A32**) 50A Circuit Breaker	1	208	6.0	20,500	4.1	41	- - -	[4] **45**	- - -	- - -	- - -
		220	6.7	22,900	4.1	47	- - -	50	- - -	- - -	- - -
		230	7.3	25,100	4.1	47	- - -	50	- - -	- - -	- - -
		240	8.0	27,300	4.1	47	- - -	50	- - -	- - -	- - -
9 kW 5 lbs. ECB47-9 (**27A22**) Terminal Block ECB47-9CB (**27A27**) 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	- - -	- - -	- - -
12.5 kW 10 lbs. ECB47-12.5CB (**27A28**) (1) 30A Circuit Breaker & (1) 45A Circuit Breaker	2	208	9.4	32,000	4.1	24	38	[4] **25**	[4] **40**	62	70
		220	10.5	35,800	4.1	27	43	30	45	70	70
		230	11.5	39,200	4.1	27	43	30	45	70	70
		240	12.5	42,600	4.1	27	43	30	45	70	70
15 kW 12 lbs. ECB47-15CB (**27A23**) (1) 35A Circuit Breaker & (1) 60A Circuit Breaker	2	208	11.3	38,400	4.1	28	45	[4] **30**	[4] **45**	73	80
		220	12.6	43,000	4.1	31	52	35	60	83	90
		230	13.8	47,000	4.1	31	52	35	60	83	90
		240	15.0	51,200	4.1	31	52	35	60	83	90
THREE PHASE											
8 kW 5 lbs. ECB47-8 (**27A44**) 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. ECB47-10 (**27A35**) 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. ECB47-15CB (**27A36**) (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 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 — CBK47UHET-036 | SINGLE PHASE

	Electic Heat 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.	ECB47-4 (**27A30**) Terminal Block ECB47-4CB (**27A29**) 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.	ECB47-5 (**27A31**) Terminal Block ECB47-5CB (**27A24**) 35A Circuit Breaker	1	208	3.8	12,800	4.1	28	- - -	[4] **30**	- - -	- - -	- - -
			220	4.2	14,300	4.1	31	- - -	35	- - -	- - -	- - -
			230	4.6	15,700	4.1	31	- - -	35	- - -	- - -	- - -
			240	5.0	17,100	4.1	31	- - -	35	- - -	- - -	- - -
6 kW 4 lbs.	ECB47-6 (**27A26**) Terminal Block ECB47-6CB (**27A25**) 40A Circuit Breaker	1	208	4.5	15,400	4.1	32	- - -	[4] **35**	- - -	- - -	- - -
			220	5.0	17,100	4.1	36	- - -	40	- - -	- - -	- - -
			230	5.5	18,800	4.1	36	- - -	40	- - -	- - -	- - -
			240	6.0	20,500	4.1	36	- - -	40	- - -	- - -	- - -
8 kW 5 lbs.	ECB47-8 (**27A21**) Terminal Block ECB47-8CB (**27A32**) 50A Circuit Breaker	1	208	6.0	20,500	4.1	41	- - -	[4] **45**	- - -	- - -	- - -
			220	6.7	22,900	4.1	47	- - -	50	- - -	- - -	- - -
			230	7.3	25,100	4.1	47	- - -	50	- - -	- - -	- - -
			240	8.0	27,300	4.1	47	- - -	50	- - -	- - -	- - -
9 kW 5 lbs.	ECB47-9 (**27A22**) Terminal Block ECB47-9CB (**27A27**) 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	- - -	- - -	- - -
12.5 kW 10 lbs.	ECB47-12.5CB (**27A28**) (1) 30A Circuit Breaker and (1) 45A Circuit Breaker	2	208	9.4	32,000	4.1	24	38	[4] **25**	[4] **40**	62	70
			220	10.5	35,800	4.1	27	43	30	45	70	70
			230	11.5	39,200	4.1	27	43	30	45	70	70
			240	12.5	42,600	4.1	27	43	30	45	70	70
15 kW 12 lbs.	ECB47-15CB (**27A23**) (1) 35A Circuit Breaker and (1) 60A Circuit Breaker	2	208	11.3	38,400	4.1	28	45	[4] **30**	[4] **45**	73	80
			220	12.6	43,000	4.1	31	52	35	60	83	90
			230	13.8	47,000	4.1	31	52	35	60	83	90
			240	15.0	51,200	4.1	31	52	35	60	83	90
20 kW 19 lbs.	ECB47-20CB (**27A33**) (1) 60A Circuit Breaker and (1) 60A Circuit Breaker	2	208	15.0	51,200	4.1	46	50	[4] **50**	[4] **50**	96	100
			220	16.8	57,300	4.1	52	57	60	60	109	125
			230	18.4	62,700	4.1	52	57	60	60	109	125
			240	20.0	68,200	4.1	52	57	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 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 — CBK47UHET-036 | THREE PHASE

Electic Heat 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.	ECB47-8 (**27A44**) 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.	ECB47-10 (**27A35**) 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	- - -	- - -	- - -
	ECB47-10 (**27A38**) (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.	ECB47-15CB (**27A36**) (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	- - -	- - -	- - -
	ECB47-15 (**27A39**) (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.	ECB47-20CB (**27A37**) (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 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 — CBK47UHET-042 | SINGLE PHASE

Electic Heat 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. ECB47-4 (**27A30**) Terminal Block ECB47-4CB (**27A29**) 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. ECB47-5 (**27A31**) Terminal Block ECB47-5CB (**27A24**) 35A Circuit Breaker	1	208	3.8	12,800	7.6	32	- - -	- - -	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. ECB47-6 (**27A26**) Terminal Block ECB47-6CB (**27A25**) 40A Circuit Breaker	1	208	4.5	15,400	7.6	37	- - -	- - -	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. ECB47-8 (**27A21**) Terminal Block ECB47-8CB (**27A32**) 50A Circuit Breaker	1	208	6.0	20,500	7.6	46	- - -	- - -	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. ECB47-9 (**27A22**) Terminal Block ECB47-9CB (**27A27**) 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. ECB47-12.5CB (**27A28**) (1) 30A Circuit Breaker and (1) 45A Circuit Breaker	2	208	9.4	32,000	7.6	28	38	- - -	30	[4] **40**	- - -	66	80
		220	10.5	35,800	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
		230	11.5	39,200	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
		240	12.5	42,600	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
15 kW 12 lbs. ECB47-15CB (**27A23**) (1) 35A Circuit Breaker and (1) 60A Circuit Breaker	2	208	11.3	38,400	7.6	32	45	- - -	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. ECB47-20CB (**27A33**) (1) 60A Circuit Breaker and (1) 60A Circuit Breaker	2	208	15.0	51,200	7.6	50	50	- - -	[4] **50**	[4] **50**	- - -	100	125
		220	16.8	57,300	7.6	56	57	- - -	60	60	- - -	114	125
		230	18.4	62,700	7.6	56	57	- - -	60	60	- - -	114	125
		240	20.0	68,200	7.6	56	57	- - -	60	60	- - -	114	125
25 kW 19 lbs. ECB47-25CB (**27A34**) (1) 60A Circuit Breaker and (2) 45A Circuit Breakers	3	208	18.8	64,100	7.6	47	38	38	[4] **50**	[4] **40**	[4] **40**	123	125
		220	21.0	71,700	7.6	53	43	43	60	45	45	140	150
		230	23.0	78,300	7.6	53	43	43	60	45	45	140	150
		240	25.0	85,300	7.6	53	43	43	60	45	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 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 — CBK47UHET-042 | THREE PHASE

Electic Heat 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 ECB47-8 (**27A44**) 5 lbs. 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 ECB47-10 (**27A35**) 6 lbs. 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	- - -	- - -	- - -
15 kW ECB47-15CB (**27A36**) 12 lbs. 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**	- - -	- - -	- - -
20 kW ECB47-20CB (**27A37**) 19 lbs. (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
25 kW ECB47-25CB (**27A45**) 19 lbs. (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

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 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.

Electic Heat 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. ECB47-4 (**27A30**) Terminal Block ECB47-4CB (**27A29**) 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. ECB47-5 (**27A31**) Terminal Block ECB47-5CB (**27A24**) 35A Circuit Breaker	1	208	3.8	12,800	7.6	32	- - -	- - -	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. ECB47-6 (**27A26**) Terminal Block ECB47-6CB (**27A25**) 40A Circuit Breaker	1	208	4.5	15,400	7.6	37	- - -	- - -	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. ECB47-8 (**27A21**) Terminal Block ECB47-8CB (**27A32**) 50A Circuit Breaker	1	208	6.0	20,500	7.6	46	- - -	- - -	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. ECB47-9 (**27A22**) Terminal Block ECB47-9CB (**27A27**) 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. ECB47-12.5CB (**27A28**) (1) 30A Circuit Breaker & (1) 45A Circuit Breaker	2	208	9.4	32,000	7.6	28	38	- - -	30	[4] **40**	- - -	66	70
		220	10.5	35,800	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
		230	11.5	39,200	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
		240	12.5	42,600	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
15 kW 12 lbs. ECB47-15CB (**27A23**) (1) 35A Circuit Breaker & (1) 60A Circuit Breaker	2	208	11.3	38,400	7.6	32	45	- - -	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. ECB47-20CB (**27A33**) (1) 60A Circuit Breaker & (1) 60A Circuit Breaker	2	208	15.0	51,200	7.6	50	50	- - -	[4] **50**	[4] **50**	- - -	100	125
		220	16.8	57,300	7.6	56	57	- - -	60	60	- - -	114	125
		230	18.4	62,700	7.6	56	57	- - -	60	60	- - -	114	125
		240	20.0	68,200	7.6	56	57	- - -	60	60	- - -	114	125
25 kW 19 lbs. ECB47-25CB (**27A34**) (1) 60A Circuit Breaker & (2) 45A Circuit Breakers	3	208	18.8	64,100	7.6	47	38	38	[4] **50**	[4] **40**	[4] **40**	123	125
		220	21.0	71,700	7.6	53	43	43	60	45	45	140	150
		230	23.0	78,300	7.6	53	43	43	60	45	45	140	150
		240	25.0	85,300	7.6	53	43	43	60	45	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 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 — CBK47UHET-048 | THREE PHASE

	Electic Heat 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.	ECB47-8 (**27A44**) 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.	ECB47-10 (**27A35**) 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	- - -	- - -	- - -
	ECB47-10 (**27A38**) (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.	ECB47-15CB (**27A36**) 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**	- - -	- - -	- - -
	ECB47-15 (**27A39**) (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.	ECB47-20CB (**27A37**) (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
	ECB47-20 (**27A40**) (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] ECB47-20 (**27A43**) (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.	ECB47-25CB (**27A45**) (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
	ECB47-25 (**27A42**) (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] ECB47-25 (**27A41**) (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 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 — CBK47UHET-060 | SINGLE PHASE

	Electic Heat 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.	ECB47-4 (**27A30**) Terminal Block ECB47-4CB (**27A29**) 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.	ECB47-5 (**27A31**) Terminal Block ECB47-5CB (**27A24**) 35A Circuit Breaker	1	208	3.8	12,800	7.6	32	- - -	- - -	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.	ECB47-6 (**27A26**) Terminal Block ECB47-6CB (**27A25**) 40A Circuit Breaker	1	208	4.5	15,400	7.6	37	- - -	- - -	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.	ECB47-8 (**27A21**) Terminal Block ECB47-8CB (**27A32**) 50A Circuit Breaker	1	208	6.0	20,500	7.6	46	- - -	- - -	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.	ECB47-9 (**27A22**) Terminal Block ECB47-9CB (**27A27**) 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.	ECB47-12.5CB (**27A28**) (1) 30A Circuit Breaker & (1) 45A Circuit Breaker	2	208	9.4	32,000	7.6	28	38	- - -	30	[4] **40**	- - -	66	70
			220	10.5	35,800	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
			230	11.5	39,200	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
			240	12.5	42,600	7.6	31	43	- - -	[4] **35**	45	- - -	75	80
15 kW 12 lbs.	ECB47-15CB (**27A23**) (1) 35A Circuit Breaker & (1) 60A Circuit Breaker	2	208	11.3	38,400	7.6	32	45	- - -	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.	ECB47-20CB (**27A33**) (1) 60A Circuit Breaker & (1) 60A Circuit Breaker	2	208	15.0	51,200	7.6	50	50	- - -	[4] **50**	[4] **50**	- - -	100	125
			220	16.8	57,300	7.6	56	57	- - -	60	60	- - -	114	125
			230	18.4	62,700	7.6	56	57	- - -	60	60	- - -	114	125
			240	20.0	68,200	7.6	56	57	- - -	60	60	- - -	114	125
25 kW 19 lbs.	ECB47-25CB (**27A34**) (1) 60A Circuit Breaker & (2) 45A Circuit Breakers	3	208	18.8	64,100	7.6	47	38	38	[4] **50**	[4] **40**	[4] **40**	123	125
			220	21.0	71,700	7.6	53	43	43	60	45	45	140	150
			230	23.0	78,300	7.6	53	43	43	60	45	45	140	150
			240	25.0	85,300	7.6	53	43	43	60	45	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 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 — CBK47UHET-060 | THREE PHASE

	Electic Heat 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.	ECB47-8 (**27A44**) 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.	ECB47-10 (**27A35**) 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	- - -	- - -	- - -
	ECB47-10 (**27A38**) (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.	ECB47-15CB (**27A36**) 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**	- - -	- - -	- - -
	ECB47-15 (**27A39**) (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.	ECB47-20CB (**27A37**) (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
	ECB47-20 (**27A40**) (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] ECB47-20 (**27A43**) (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.	ECB47-25CB (**27A45**) (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
	ECB47-25 (**27A42**) (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] ECB47-25 (**27A41**) (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 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.

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
4 kW 4 lbs. ECB48-4 **(27A46)** Terminal Block ECB48-4CB **(27A50)** 30A 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	30
5 kW 4 lbs. ECB48-5 **(27A47)** Terminal Block ECB48-5CB **(27A51)** 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. ECB48-6 **(27A48)** Terminal Block ECB48-6CB **(27A52)** 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. ECB48-8 **(27A49)** Terminal Block ECB48-8CB **(27A53)** 50A Circuit Breaker	2	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. ECB48-9CB **(27A54)** 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

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 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 — CBK48MVT-030 | 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 1	Ckt 2	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
4 kW 4 lbs. ECB48-4 **(27A46)** Terminal Block ECB48-4CB **(27A50)** 30A Circuit Breaker	1	208	3.0	10,250	4.0	23	- - -	[4] **25**	- - -	23	25
		220	3.4	11,450	4.0	24	- - -	[4] **25**	- - -	24	25
		230	3.7	12,550	4.0	25	- - -	[4] **25**	- - -	25	25
		240	4.0	13,650	4.0	26	- - -	30	- - -	26	30
5 kW 4 lbs. ECB48-5 **(27A47)** Terminal Block ECB48-5CB **(27A51)** 35A Circuit Breaker	1	208	3.8	12,800	4.0	28	- - -	[4] **30**	- - -	28	30
		220	4.2	14,300	4.0	29	- - -	[4] **30**	- - -	29	30
		230	4.6	15,700	4.0	30	- - -	[4] **30**	- - -	30	30
		240	5.0	17,100	4.0	31	- - -	35	- - -	31	35
6 kW 4 lbs. ECB48-6 **(27A48)** Terminal Block ECB48-6CB **(27A52)** 40A Circuit Breaker	1	208	4.5	15,400	4.0	32	- - -	[4] **35**	- - -	32	35
		220	5.0	17,100	4.0	33	- - -	[4] **35**	- - -	33	35
		230	5.5	18,800	4.0	35	- - -	[4] **35**	- - -	35	35
		240	6.0	20,500	4.0	36	- - -	40	- - -	36	40
8 kW 5 lbs. ECB48-8 **(27A49)** Terminal Block ECB48-8CB **(27A53)** 50A Circuit Breaker	2	208	6.0	20,500	4.0	41	- - -	[4] **45**	- - -	41	45
		220	6.7	22,900	4.0	43	- - -	[4] **45**	- - -	43	45
		230	7.3	25,100	4.0	45	- - -	[4] **45**	- - -	45	45
		240	8.0	27,300	4.0	47	- - -	50	- - -	47	50
9 kW 5 lbs. ECB48-9CB **(27A54)** 60A Circuit Breaker	2	208	6.8	23,100	4.0	46	- - -	[4] **50**	- - -	46	50
		220	7.6	25,800	4.0	48	- - -	[4] **50**	- - -	48	50
		230	8.3	28,200	4.0	50	- - -	[4] **50**	- - -	50	50
		240	9.0	30,700	4.0	52	- - -	60	- - -	52	60
12.5 kW 10 lbs. ECB48-12.5CB **(27A55)** (1) 30A and (1) 45A Circuit Breaker	2	208	9.4	32,000	4.0	24	38	[4] **25**	[4] **40**	61	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	67	70
		240	12.5	42,600	4.0	27	44	30	45	71	80
15 kW 12 lbs. ECB48-15CB **(27A56)** (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

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 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 — CBK48MVT-036 | 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 1	Ckt 2	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
5 kW 4 lbs.	ECB48-5 **(27A47)** Terminal Block ECB48-5CB **(27A51)** 35A Circuit Breaker	1	208	3.8	12,800	5.9	30	- - -	[4] **30**	- - -	30	30
			220	4.2	14,300	5.9	31	- - -	35	- - -	31	35
			230	4.6	15,700	5.9	32	- - -	35	- - -	32	35
			240	5.0	17,100	5.9	33	- - -	35	- - -	33	35
6 kW 4 lbs.	ECB48-6 **(27A48)** Terminal Block ECB48-6CB **(27A52)** 40A Circuit Breaker	1	208	4.5	15,400	5.9	34	- - -	[4] **35**	- - -	34	35
			220	5.0	17,100	5.9	36	- - -	40	- - -	36	40
			230	5.5	18,800	5.9	37	- - -	40	- - -	37	40
			240	6.0	20,500	5.9	39	- - -	40	- - -	39	40
8 kW 5 lbs.	ECB48-8 **(27A49)** Terminal Block ECB48-8CB **(27A53)** 50A Circuit Breaker	2	208	6.0	20,500	5.9	43	- - -	[4] **45**	- - -	43	45
			220	6.7	22,900	5.9	46	- - -	50	- - -	46	50
			230	7.3	25,100	5.9	47	- - -	50	- - -	47	50
			240	8.0	27,300	5.9	49	- - -	50	- - -	49	50
9 kW 5 lbs.	ECB48-9CB **(27A54)** 60A Circuit Breaker	2	208	6.8	23,100	5.9	48	- - -	[4] **50**	- - -	48	50
			220	7.6	25,800	5.9	50	- - -	[4] **50**	- - -	50	60
			230	8.3	28,200	5.9	52	- - -	60	- - -	52	60
			240	9.0	30,700	5.9	54	- - -	60	- - -	54	60
12.5 kW 10 lbs.	ECB48-12.5CB **(27A55)** (1) 30A and (1) 45A Circuit Breaker	2	208	9.4	32,000	5.9	26	38	30	[4] **40**	64	70
			220	10.5	35,800	5.9	27	40	30	[4] **40**	67	70
			230	11.5	39,200	5.9	28	42	30	45	70	70
			240	12.5	42,600	5.9	29	44	30	45	72	80
15 kW 12 lbs.	ECB48-15CB **(27A56)** (1) 35A and (1) 60A Circuit Breaker	2	208	11.3	38,400	5.9	30	45	[4] **30**	[4] **50**	75	80
			220	12.6	43,000	5.9	31	48	35	[4] **50**	79	80
			230	13.8	47,000	5.9	32	50	35	[4] **50**	82	90
			240	15.0	51,200	5.9	33	52	35	60	86	90
20 kW 19 lbs.	ECB48-20CB **(27A57)** (2) 60A Circuit Breaker	2	208	15.0	51,200	5.9	48	50	[4] **50**	[4] **50**	98	100
			220	16.8	57,300	5.9	50	53	[4] **50**	60	103	110
			230	18.4	62,700	5.9	52	55	60	60	107	110
			240	20.0	68,200	5.9	54	57	60	60	112	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 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 — CBK48MVT-036 | THREE 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 1	Ckt 2	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
8 kW ECB48-8 **(27A61)** Terminal Block 5 lbs.	1	208	6.0	20,500	5.9	28	- - -	30	- - -	28	30
		220	6.7	22,900	5.9	29	- - -	30	- - -	29	30
		230	7.3	25,100	5.9	30	- - -	30	- - -	30	35
		240	8.0	27,300	5.9	31	- - -	35	- - -	31	35
10 kW ECB48-10 **(27A62)** Terminal Block 6 lbs.	1	208	7.5	25,600	5.9	33	- - -	35	- - -	33	35
		220	8.4	28,700	5.9	35	- - -	35	- - -	35	35
		230	9.2	31,400	5.9	36	- - -	40	- - -	36	40
		240	10.0	34,100	5.9	37	- - -	40	- - -	37	40
15 kW ECB48-15CB **(27A63)** 50A Circuit Breaker 12 lbs.	1	208	11.3	38,400	5.9	46	- - -	50	- - -	46	50
		220	12.6	43,000	5.9	49	- - -	50	- - -	49	50
		230	13.5	47,000	5.9	51	- - -	**[4] 60**	- - -	51	60
		240	15.0	51,200	5.9	52	- - -	**[4] 60**	- - -	52	60
20 kW ECB48-20CB **(27A64)** (2) 35A Circuit Breaker 19 lbs.	2	208	15.0	51,200	5.9	33	26	35	**[4] 30**	59	60
		220	16.8	57,300	5.9	35	28	35	**[4] 30**	62	70
		230	18.4	62,700	5.9	36	29	**[4] 40**	**[4] 30**	65	70
		240	20.0	68,200	5.9	37	30	**[4] 40**	35	67	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 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 — CBK48MVT-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 1	Ckt 2	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
4 kW 4 lbs.	ECB48-4 **(27A46)** Terminal Block ECB48-4CB **(27A50)** 35A Circuit Breaker	1	208	3.0	10,250	7.4	27	- - -	[4] **30**	- - -	27	30
			220	3.4	11,450	7.4	28	- - -	[4] **30**	- - -	28	30
			230	3.7	12,550	7.4	29	- - -	[4] **30**	- - -	29	30
			240	4.0	13,650	7.4	30	- - -	[4] **30**	- - -	30	35
5 kW 4 lbs.	ECB48-5 **(27A47)** Terminal Block ECB48-5CB **(27A51)** 35A Circuit Breaker	1	208	3.8	12,800	7.4	32	- - -	35	- - -	32	35
			220	4.2	14,300	7.4	33	- - -	35	- - -	33	35
			230	4.6	15,700	7.4	34	- - -	35	- - -	34	35
			240	5.0	17,100	7.4	35	- - -	35	- - -	35	40
6 kW 4 lbs.	ECB48-6 **(27A48)** Terminal Block ECB48-6CB **(27A52)** 40A Circuit Breaker	1	208	4.5	15,400	7.4	36	- - -	40	- - -	36	40
			220	5.0	17,100	7.4	38	- - -	40	- - -	38	40
			230	5.5	18,800	7.4	39	- - -	40	- - -	39	40
			240	6.0	20,500	7.4	41	- - -	[4] **45**	- - -	41	45
8 kW 5 lbs.	ECB48-8 **(27A49)** Terminal Block ECB48-8CB **(27A53)** 50A Circuit Breaker	2	208	6.0	20,500	7.4	45	- - -	[4] **45**	- - -	45	50
			220	6.7	22,900	7.4	47	- - -	50	- - -	47	50
			230	7.3	25,100	7.4	49	- - -	50	- - -	49	50
			240	8.0	27,300	7.4	51	- - -	[4] **60**	- - -	51	60
9 kW 5 lbs.	ECB48-9CB **(27A54)** 60A Circuit Breaker	2	208	6.8	23,100	7.4	50	- - -	[4] **45**	- - -	50	50
			220	7.6	25,800	7.4	52	- - -	60	- - -	52	60
			230	8.3	28,200	7.4	54	- - -	60	- - -	54	60
			240	9.0	30,700	7.4	56	- - -	60	- - -	56	60
12.5 kW 10 lbs.	ECB48-12.5CB **(27A55)** (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	74	80
15 kW 12 lbs.	ECB48-15CB **(27A56)** (1) 35A and (1) 60A Circuit Breaker	2	208	11.3	38,400	7.4	32	45	35	[4] **50**	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	35	60	87	90
20 kW 19 lbs.	ECB48-20CB **(27A57)** (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	110
			230	18.4	62,700	7.4	54	55	60	60	109	110
			240	20.0	68,200	7.4	56	57	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] 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 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 — CBK48MVT-042 | THREE 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 1	Ckt 2	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
8 kW ECB48-8 **(27A61)** 5 lbs. Terminal block	1	208	6.0	20,500	7.4	30	- - -	35	- - -	30	35
		220	6.7	22,900	7.4	31	- - -	35	- - -	31	35
		230	7.3	25,100	7.4	32	- - -	35	- - -	32	35
		240	8.0	27,300	7.4	33	- - -	35	- - -	33	35
10 kW ECB48-10 **(27A62)** 6 lbs. Terminal block	1	208	7.5	25,600	7.4	35	- - -	40	- - -	35	40
		220	8.4	28,700	7.4	37	- - -	40	- - -	37	40
		230	9.2	31,400	7.4	38	- - -	40	- - -	38	40
		240	10.0	34,100	7.4	39	- - -	40	- - -	39	40
15 kW ECB48-15CB **(27A63)** 12 lbs. 50A Circuit Breaker	1	208	11.3	38,400	7.4	48	- - -	50	- - -	48	50
		220	12.6	43,000	7.4	51	- - -	[4] **60**	- - -	51	60
		230	13.5	47,000	7.4	52	- - -	[4] **60**	- - -	52	60
		240	15.0	51,200	7.4	54	- - -	[4] **60**	- - -	54	60
20 kW ECB48-20CB **(27A64)** 19 lbs. (2) 35A Circuit Breaker	2	208	15.0	51,200	7.4	35	26	[4] **40**	[4] **30**	61	70
		220	16.8	57,300	7.4	37	28	[4] **40**	[4] **30**	64	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	69	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 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 — CBK48MVT-048 AND CBK48MVT-060 | 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.	ECB48-4 **(27A46)** Terminal Block ECB48-4CB **(27A50)** 35A Circuit Breaker	1	208	3.0	10,250	7.4	27	- - -	- - -	[4] **30**	- - -	- - -	27	30
			220	3.4	11,450	7.4	28	- - -	- - -	[4] **30**	- - -	- - -	28	30
			230	3.7	12,550	7.4	29	- - -	- - -	[4] **30**	- - -	- - -	29	30
			240	4.0	13,650	7.4	30	- - -	- - -	[4] **30**	- - -	- - -	30	35
5 kW 4 lbs.	ECB48-5 **(27A47)** Terminal Block ECB48-5CB **(27A51)** 35A Circuit Breaker	1	208	3.8	12,800	7.4	32	- - -	- - -	35	- - -	- - -	32	35
			220	4.2	14,300	7.4	33	- - -	- - -	35	- - -	- - -	33	35
			230	4.6	15,700	7.4	34	- - -	- - -	35	- - -	- - -	34	35
			240	5.0	17,100	7.4	35	- - -	- - -	35	- - -	- - -	35	40
6 kW 4 lbs.	ECB48-6 **(27A48)** Terminal Block ECB48-6CB **(27A52)** 40A Circuit Breaker	1	208	4.5	15,400	7.4	36	- - -	- - -	40	- - -	- - -	36	40
			220	5.0	17,100	7.4	38	- - -	- - -	40	- - -	- - -	38	40
			230	5.5	18,800	7.4	39	- - -	- - -	40	- - -	- - -	39	40
			240	6.0	20,500	7.4	41	- - -	- - -	[4] **45**	- - -	- - -	41	45
8 kW 5 lbs.	ECB48-8 **(27A49)** Terminal Block ECB48-8CB **(27A53)** 50A Circuit Breaker	2	208	6.0	20,500	7.4	45	- - -	- - -	[4] **45**	- - -	- - -	45	50
			220	6.7	22,900	7.4	47	- - -	- - -	50	- - -	- - -	47	50
			230	7.3	25,100	7.4	49	- - -	- - -	50	- - -	- - -	49	50
			240	8.0	27,300	7.4	51	- - -	- - -	[4] **60**	- - -	- - -	51	60
9 kW 5 lbs.	ECB48-9CB **(27A54)** 60A Circuit Breaker	2	208	6.8	23,100	7.4	50	- - -	- - -	[4] **50**	- - -	- - -	50	50
			220	7.6	25,800	7.4	52	- - -	- - -	60	- - -	- - -	52	60
			230	8.3	28,200	7.4	54	- - -	- - -	60	- - -	- - -	54	60
			240	9.0	30,700	7.4	56	- - -	- - -	60	- - -	- - -	56	60
12.5 kW 10 lbs.	ECB48-12.5CB **(27A55)** (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	- - -	74	80
15 kW 12 lbs.	ECB48-15CB **(27A56)** (1) 35A and (1) 60A Circuit Breaker	2	208	11.3	38,400	7.4	32	45	- - -	35	[4] **50**	- - -	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	- - -	35	60	- - -	87	90
20 kW 19 lbs.	ECB48-20CB **(27A57)** (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	110
			230	18.4	62,700	7.4	54	55	- - -	60	60	- - -	109	110
			240	20.0	68,200	7.4	56	57	- - -	60	60	- - -	113	125
25 kW 19 lbs.	ECB48-25CB **(27A58)** (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	134	150
			240	25.0	85,300	7.4	53	44	44	60	45	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 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 — CBK48MVT-048 AND CBK48MVT-060 | THREE 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 1	Ckt 2	[3] Minimum Circuit Ampacity	[5] Maximum Overcurrent Protection
8 kW 5 lbs. ECB48-8 **(27A61)** Terminal block	1	208	6.0	20,500	7.4	30	- - -	35	- - -	30	35
		220	6.7	22,900	7.4	31	- - -	35	- - -	31	35
		230	7.3	25,100	7.4	32	- - -	35	- - -	32	35
		240	8.0	27,300	7.4	33	- - -	35	- - -	33	35
10 kW 6 lbs. ECB48-10 **(27A62)** Terminal block	1	208	7.5	25,600	7.4	35	- - -	40	- - -	35	40
		220	8.4	28,700	7.4	37	- - -	40	- - -	37	40
		230	9.2	31,400	7.4	38	- - -	40	- - -	38	40
		240	10.0	34,100	7.4	39	- - -	40	- - -	39	40
15 kW 12 lbs. ECB48-15CB **(27A63)** 50A Circuit Breaker	1	208	11.3	38,400	7.4	48	- - -	50	- - -	48	50
		220	12.6	43,000	7.4	51	- - -	[4] **60**	- - -	51	60
		230	13.5	47,000	7.4	52	- - -	[4] **60**	- - -	52	60
		240	15.0	51,200	7.4	54	- - -	[4] **60**	- - -	54	60
20 kW 19 lbs. ECB48-20CB **(27A64)** (2) 35A Circuit Breaker	2	208	15.0	51,200	7.4	35	26	[4] **40**	[4] **30**	61	70
		220	16.8	57,300	7.4	37	28	[4] **40**	[4] **30**	64	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	69	70
25 kW 19 lbs. ECB48-25CB **(27A65)** (1) 50A and (1) 40A Circuit Breaker	2	208	18.8	64,100	7.4	42	33	[4] **45**	[4] **35**	74	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 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.

Visit us at www.Lennox.com
For the latest technical information, www.LennoxPros.com
Contact us at 1-800-4-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.