
INSTALLATION INSTRUCTIONS

Circuit Breaker Kits

Models:

WMCBC-03B	WMCBC-06A	WMCBC-07B
WMCBC-04A	WMCBC-06B	WMCBC-08A
WMCBC-04B	WMCBC-06C	WMCBC-08B
WMCBC-05A	WMCBC-06F	WMCBC-09A
WMCBC-05B	WMCBC-07A	



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Manual: 2100-735E
Supersedes: 2100-735D
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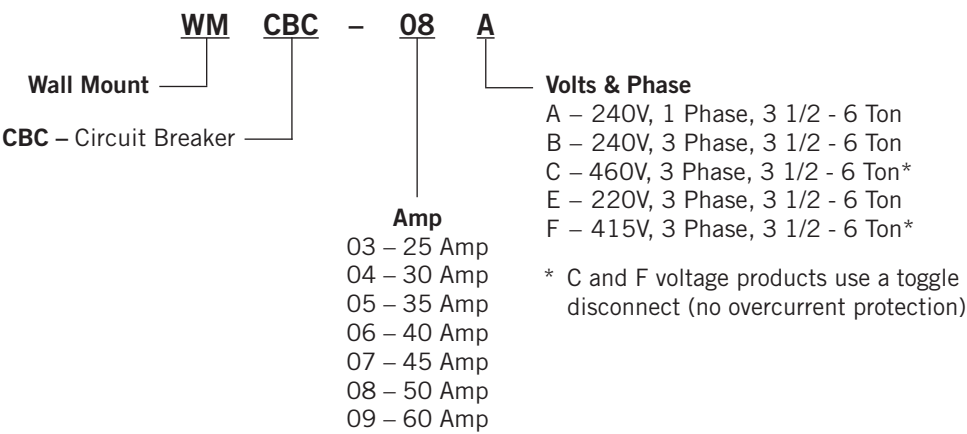
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Nomenclature



GENERAL INFORMATION

Description

The WMCBC Kits are field-installable circuit breaker kits suitable for upgrading "00" kW Bard wall-mount heat pumps and air conditioners (-A, -B, -C, -E and -F electrical versions) to the "0Z" kW option. See tables below and on page 4 for applicable kits for listed models.

TABLE 1A
Applicable Kits for Listed Models

	WMCBC-03B	WMCBC-04A	WMCBC-04B	WMCBC-05A	WMCBC-05B	WMCBC-06A	WMCBC-06C	WMCBC-06F	WMCBC-07A	WMCBC-08A
C36HY-A		X								
C36HY-B	X									
C36HY-C							X			
C42HY-A				X						
C42HY-B			X							
C42HY-C							X			
W42AC-A										X
W42HC-A									X	
W42A/HC-B					X					
W42A/HC-C							X			
W42A/HC-E			X							
W42A/HC-F								X		
W42A/HCDA										X
W42A/HCDB					X					
W42A/HCDC							X			
C48HY-A						X				
C48HY-B			X							
C48HY-C							X			
W42AY-A						X				
W42AY-B			X							
W42AY-C							X			
W42AY-E			X							
W42AY-F								X		
W42AYDA						X				
W42AYDB			X							
W42AYDC							X			
W42HY-A						X				
W42HY-B			X							
W42HY-C							X			
W42HYDA						X				
W42HYDB			X							
W42HYDC							X			

TABLE 1B
Applicable Kits for Listed Models

	WMCBC-04B	WMCBC-05B	WMCBC-06A	WMCBC-06C	WMCBC-06F	WMCBC-07A	WMCBC-08A
W48A/HC-A							X
W48A/HC-B		X					
W48A/HC-C				X			
W48A/HC-E	X						
W48A/HC-F					X		
W48A/HCDA							X
W48A/HCDB		X					
W48A/HCDC				X			
W48AY-A			X				
W48AY-B	X						
W48AY-C				X			
W48AY-E	X						
W48AY-F					X		
W48AYDA						X	
W48AYDB	X						
W48AYDC				X			
W48HY-A						X	
W48HY-B	X						
W48HY-C				X			
W48HYDA						X	
W48HYDB	X						
W48HYDC				X			

TABLE 1C
Applicable Kits for Listed Models

	WMCBC-05B	WMCBC-06B	WMCBC-06C	WMCBC-06F	WMCBC-07A	WMCBC-07B	WMCBC-08A	WMCBC-08B	WMCBC-09A
C60HY-A					X				
C60HY-B		X							
C60HY-C			X						
W60A/HC-A								X	
W60A/HC-B		X							
W60A/HC-C			X						
W60A/HC-E		X							
W60A/HC-F				X					
W60A/HCDA								X	
W60A/HCDB		X							
W60A/HCDC			X						
W60AY-A						X			
W60AY-B	X								
W60AY-C			X						
W60AY-E	X								
W60AY-F				X					
W60AYDA						X			
W60AYDB	X								
W60AYDC			X						
W60HY-A					X				
W60HY-B	X								
W60HY-C			X						
W60HYDA					X				
W60HYDB	X								
W60HYDC			X						
W72AC-A								X	
W72AC-B							X		
W72AC-C			X						
W72AC-F				X					
W72ACDA								X	
W72ACDB							X		
W72ACDC			X						
W72AY-A								X	
W72AY-B						X			
W72AY-C			X						
W72AY-F				X					
W72AYDA								X	
W72AYDB						X			
W72AYDC			X						

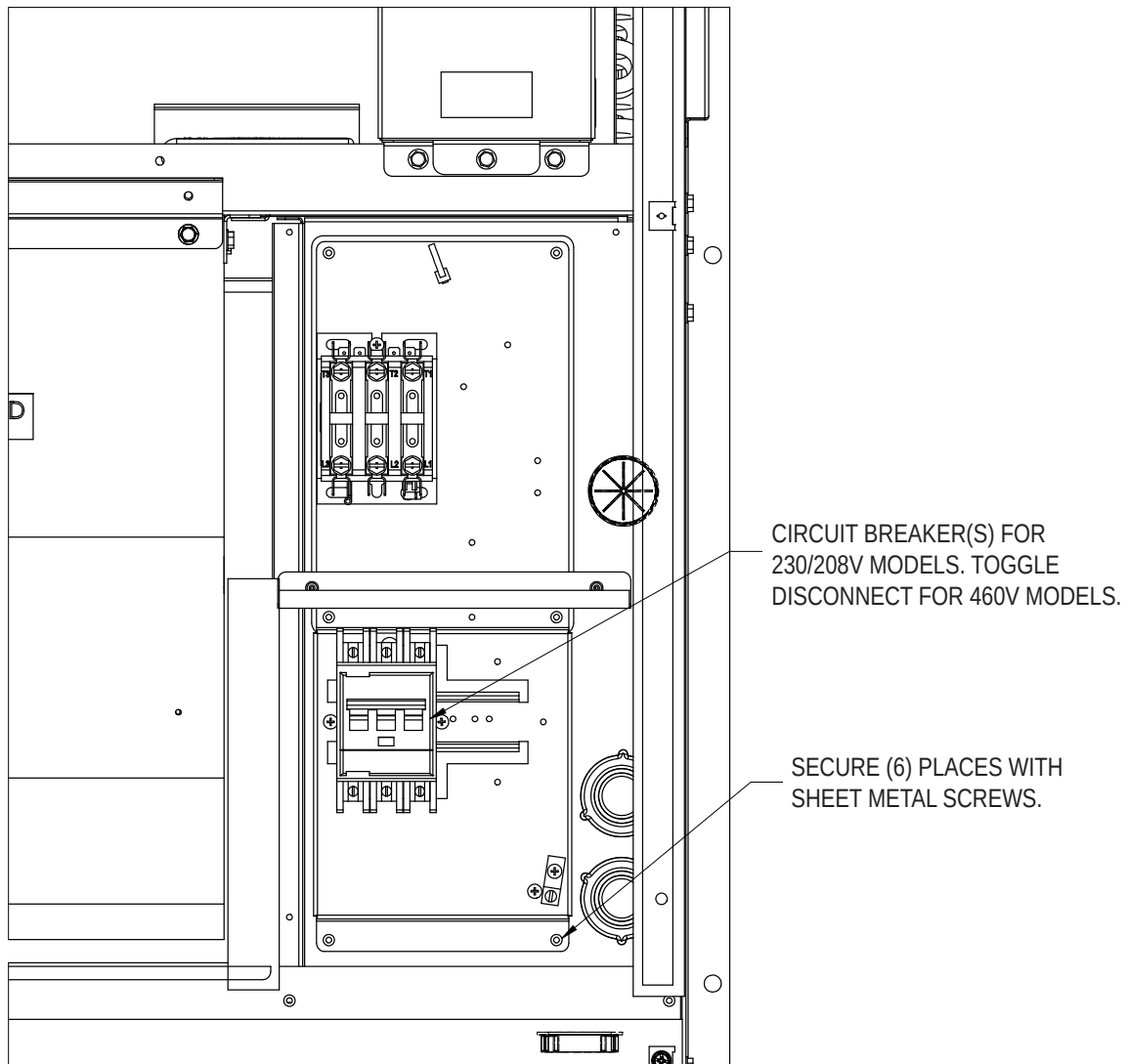
TABLE 1D
Applicable Kits for Listed Models

	WMCBC-03B	WMCBC-04B	WMCBC-05A	WMCBC-05B	WMCBC-06B	WMCBC-06C	WMCBC-07A	WMCBC-08A	WMCBC-08B	WMCBC-09A
W3SAC-A			X							
W3SAC-B	X									
W3SAC-C						X				
W4SAC-A							X			
W4SAC-B				X						
W4SAC-C						X				
W5SAC-A									X	
W5SAC-B					X					
W5SAC-C						X				
W3VHY-R			X							
W3VHY-S	X									
W3VHY-T						X				
W3VHYDR			X							
W3VHYDS		X								
W3VHYDT						X				
W5VHY-R							X			
W5VHY-S				X						
W5VHY-T						X				
W5VHYDR							X			
W5VHYDS				X						
W5VHYDT						X				

Installation of Circuit Breaker

1. Disconnect all power to unit. Remove control panel inner and outer covers.
2. Before installation, check unit serial plate to make sure the circuit breaker kit that is intended to be installed is listed as a kit suitable for use with the unit.
3. Mount circuit breaker assembly in position as shown in Figure 1 with screws provided.
4. Connect red compressor supply lead to L1 of terminal block. Connect black compressor supply lead to L2 of terminal block. If 3-phase unit, connect yellow supply lead to L3 of terminal block. See Figure 1 and wiring diagram (included with kit).
5. Connect field wiring to circuit breakers.
6. Attach adhesive wiring diagram directly above unit wiring diagram on inner control panel cover.
7. Recheck wiring. Break out appropriate circuit breaker tabs on inner control panel cover to allow trip lever to protrude.
8. Resupply power to the unit and check for proper operation.
9. Re-mark serial plate with self adhesive label attached to the front of this manual (see Figure 2 on page 6).

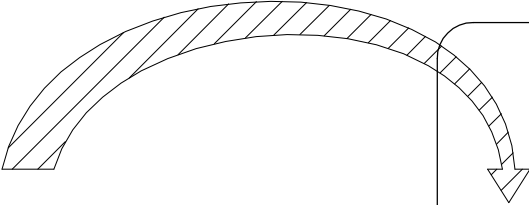
FIGURE 1
Circuit Breaker Installation



MIS-4420

FIGURE 2
Serial Plate Label

CIRCUIT BREAKER OR PULL DISCONNECT KIT LISTED HERE



(x)	()	()	()	()	()	()	()	()	()
()	(x)	()	()	()	()	()	()	()	()
()	()	(x)	()	()	()	()	()	()	()
()	()	()	(x)	()	()	()	()	()	()
()	()	()	()	(x)	()	()	()	()	()
()	()	()	()	()	(x)	()	()	()	()
()	()	()	()	()	()	(x)	()	()	()
()	()	()	()	()	()	()	(x)	()	()
()	()	()	()	()	()	()	()	(x)	()
()	()	()	()	()	()	()	()	()	(x)

ASSURE THAT SERIAL PLATE IS CLEAN AND DRY, REMOVE APPROPRIATE LABEL STRIP FOR KW REQUIRED AND REMARK SERIAL PLATE AS SHOWN FOR THE CIRCUIT BREAKER KIT THAT IS INSTALLED

BARD MANUFACTURING CO. INC., 1914 RANDOLPH DRIVE

(1)

APPROVED
HEATER

MODEL	PACKAGE	VAC~	HZ	PH
() W36AY-A00	NONE	230/208	60	1
() W36AY-A0Z	WMCB-05A	230/208	60	1
(X) W36AY-A05	EHWA024A-A05	230/208	60	1
() W36AY-A10	EHWA030A-A10	230/208	60	1
() W36AY-A15	EHWA036A-A15	230/208	60	1

SHORT-CIRCUIT CURRENT
BRANCH CIRCUIT SELECT CURRENT 16.7A OPERATING

SERIAL NUMBER XXXXXXXXXXXXXXX-XX

SUITABLE FOR PARTIAL OUTDOOR EXPOSURE IN THROUGH THE WALL
ALL MOTORS ARE THERMALLY PROTECTED

	VAC	HZ	PH	HP	FLA
COMPRESSOR	230/208	60	1		
OUTDOOR MOTOR	230/208	60	1	1/5	1.4
INDOOR MOTOR	230/208	60	1	1/2	2.7
ERV	230/208	60	1		2.2 (C)
HEATER PACKAGE				KW	FLA
EHWA024A-A05	230/208	60	1	4.6/3.8	20.0/18.0
EHWA030A-A10	230/208	60	1	9.2/7.5	40.0/36.0
EHWA036A-A15	230/208	60	1	13.8/11.3	60.0/54.0

MIS-405 A