

Installer's Guide

High Temperature Defrost Termination Personality Module

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

IMPORTANT—This Document is **customer property** and is to remain with this unit. Please return to service information pack upon completion of work.

⚠ WARNING: HAZARDOUS VOLTAGE - DISCONNECT POWER and DISCHARGE CAPACITORS BEFORE SERVICING

High Temperature Termination Kit Contents:

- 1- Specialty Personality Module
- 1- Installer's Guide

This accessory Personality Module is intended for use in areas with extreme weather conditions that require a higher defrost termination temperature. Install this Specialty PM when outdoor conditions are such that a warmer coil is required to clear the outdoor coil of ice.


Installing the Specialty Personality Module (PM)

1. Be certain power to unit is DISCONNECTED.
2. Remove cover panel on control box compartment.
3. Remove the existing personality Module from the control board.
4. Install the matching Model Specialty Personality Module (See Table 1).
5. Place the old PM and these instructions in the Document Package attached to the inside of the control box cover.
6. Reapply power to the outdoor unit.
7. Verify that the new PM was successfully installed by running the system.
NOTE: A "PM MISSING" alert on the CDA could indicate the PM is not connected properly.
8. Verify System operation. Defrost will initiate and terminate based on the information in the Defrost Termination chart (See Table 2).
9. Replace cover panel on control box compartment.

⚠ WARNING

This information is for use by individuals having adequate backgrounds of electrical and mechanical experience. Any attempt to repair a central air conditioning product may result in personal injury and/or property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.


⚠ WARNING



**400 VOLTS
ELECTRICAL
HAZARD**

Failure to follow this warning could result in personal injury or death.

WAIT TWO (2) MINUTES after disconnecting power prior to touching electrical components as they may hold a dangerous charge of 400VDC, then verify DC Voltage is less than 42 VDC at inverter test points labeled +VDC and -VDC before servicing board.



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Table 1. Personality Modules		
Kit Number	Model Number	Part Drawing Number
BAYHITEMP8024AA	4TWV8024A1000A	D157621P33
	4A6V8024A1000A	
BAYHITEMP8036AA	4TWV8036A1000A	D157621P34
	4A6V8036A1000A	
BAYHITEMP8037AA	4TWV8037A1000A	D157621P30
	4A6V8037A1000A	
BAYHITEMP8048AA	4TWV8048A1000A	D157621P35
	4A6V8048A1000A	
BAYHITEMP8049AA	4TWV8049A1000A	D157621P31
	4A6V8049A1000A	
BAYHITEMP8060AA	4TWV8060A1000A	D157621P36
	4A6V8060A1000A	
BAYHITEMP0024AA	4TWV0024A1000A	D157621P29
	4A6V0024A1000A	
BAYHITEMP0036AA	4TWV0036A1000A	D157621P30
	4A6V0036A1000A	
BAYHITEMP0048AA	4TWV0048A1000A	D157621P31
	4A6V0048A1000A	
BAYHITEMP0060AA	4TWV0060A1000A	D157621P32
	4A6V0060A1000A	

Table 2: Defrost Termination Temperatures		
	Outdoor Temperature	Termination Temperature
As Shipped	>22°F	47°F
	10°F to 22°F	ODT + 25°F
	6°F to 10°F	35°F
	<6°F	12 minutes or 35°F every 3 hours
BAYHITEMP Accessory PM	>30°F	47°F
	10°F to 30°F	ODT + 30°F
	6°F to 10°F	70°F
	<6°F	3 minutes or 35°F every 3 hours