

# Installation Instructions

DALOWAMB001A00, DALOWAMB002A00, DALOWAMB003A00  
Low Ambient Head Pressure Controller Kit for 6 to 12.5 Ton  
R-410A Commercial Split Systems with Micro-Channel

**IMPORTANT:** Read these instructions completely before attempting to install the accessory.

## PACKAGE USAGE


UNIT	VOLTAGE	PART NUMBER
CAS072-151	208/230-3-60	DALOWAMB001A00
	460-3-60	DALOWAMB002A00
	575-3-60	DALOWAMB003A00

## SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause death, personal injury, or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses, protective clothing, and work gloves. Have a fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes, the current editions of the National Fuel Gas Code (NFGC) NFPA 54/ANSI Z223.1, and the National Electrical Code (NEC) NFPA 70.

In Canada refer to the current editions of the National Standards of Canada CAN/CSA-B149.1 and .2 Natural Gas and Propane Installation Codes, and Canadian Electrical Code CSA C22.1.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury. Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which will result in severe personal injury or death. WARNING signifies hazards which could result in personal injury or death. CAUTION is used to identify unsafe practices which may result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

## WARNING

### ELECTRICAL OPERATION HAZARD

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

Before performing service and maintenance operations on unit, turn off main power switch to unit. If gas unit, shut off gas supply before shutting off main power.

TAG DISCONNECT SWITCH WITH A SUITABLE LOCK AND WARNING LABEL.

## PACKAGE CONTENTS

UNIT DALOWAMB			QTY	CONTENTS
1A	2A	3A		
✓	✓	✓	1	Motormaster 1 Control/Sensor
✓	✓	✓	2	Outdoor Fan Motor
✓	✓	✓	1	Time Delay Relay
✓	✓	✓	1	Mounting Bracket
	✓	✓	1	Fan Motor Capacitor
		✓	1	Transformer, 575V to 460V
✓	✓	✓	YES	Mounting Supplies
✓	✓	✓	YES	Wiring Supplies

## WARNING

### ELECTRICAL SHOCK HAZARD

Failure to follow this warning could cause personal injury or death.

Before performing service or maintenance operations on unit, turn off main power switch to unit and install lockout tag. Ensure electrical service to rooftop unit agrees with voltage and amperage listed on the unit rating plate.

## GENERAL

Motormaster<sup>®</sup> 1 solid-state head pressure control regulates fan speed. A temperature sensor, mounted on a return bend of the condenser (outdoor) coil, controls the speed of approved condenser (outdoor) fan motors in order to maintain a constant head pressure in the condenser (outdoor) coil. When properly installed, the control will maintain the appropriate head pressure at low ambient temperatures down to -20°F (-28°C).

## INSTALLATION

1. Disconnect power to the unit.