

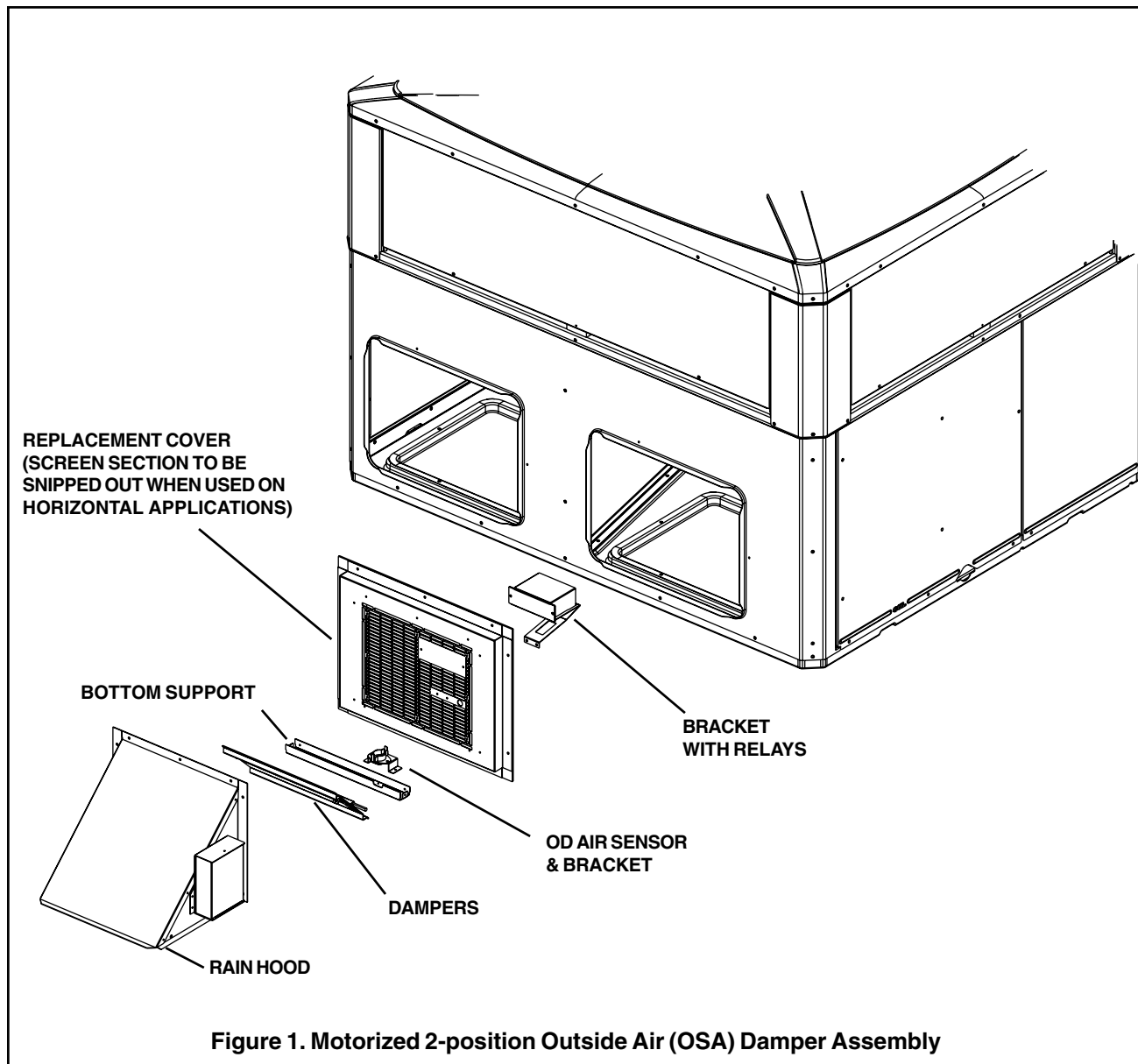
Installer's Guide

Motorized 2-Position Outside Air Damper

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

Model:	Used With:
BAYDMPR101A	2/4YC*,WC*,TC*,DC**018-036A
BAYDMPR102A	2/4YC*,WC*,TC*,DC**042-060A

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 BEFORE SERVICING

Important: The Economizer installation requires that you first install an air filter rack ordered separately. Use:
BAYFLTR101B for 2/4YC*, WC*, TC*, DC* *018-3036A
BAYFLTR201B for 2/4YC*, WC*, TC*, DC* *042-3060A.

General

NOTE: To avoid possible condensing of combustion flue products (when applied to a Gas/Electric model), this accessory has been designed to allow approximately 50°F, or above, outside air through the damper system to ensure that the required 95°F supply air is maintained. Figure 2 displays dimensional data.

Inspection

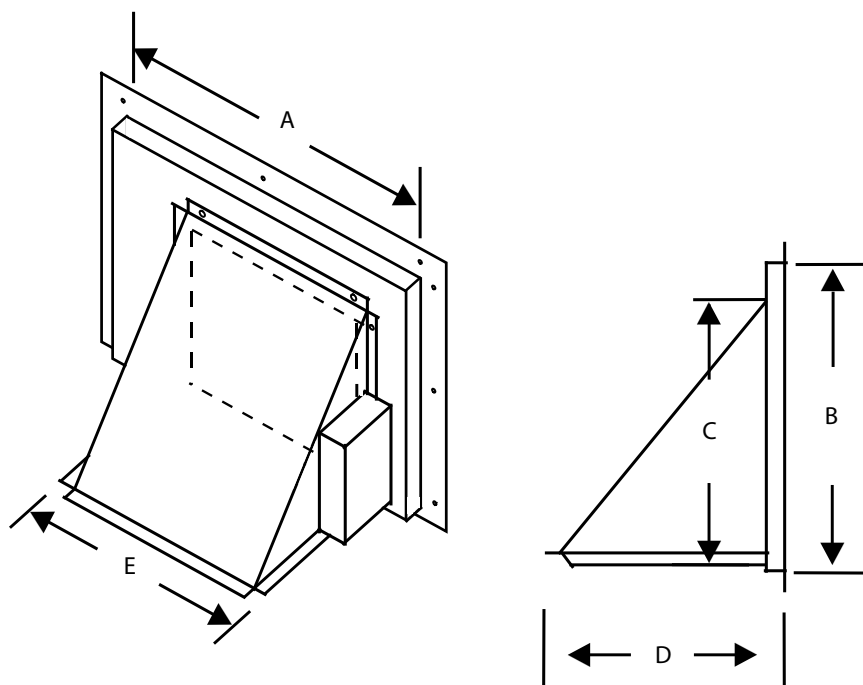
1. Unpack all components of the motorized 2-position outside air (OSA) damper assembly. See Figure 1.
2. Check carefully that the installation kit is complete and all required parts are in good condition prior to installation. If any shipping damage is noted, this must be reported immediately and a claim made against the transportation company.

! WARNING

ELECTRIC SHOCK HAZRD. TO PREVENT INJURY OR DEATH DUE TO ELECTRICAL SHOCK OR CONTACT WITH MOVING PARTS, LOCK UNIT DISCONNECT SWITCH IN OPEN POSITION BEFORE SERVICING UNIT.

! CAUTION

TURN OFF THE GAS SUPPLY TO THE UNIT BEFORE DISCONNECTING THE ELECTRICAL POWER

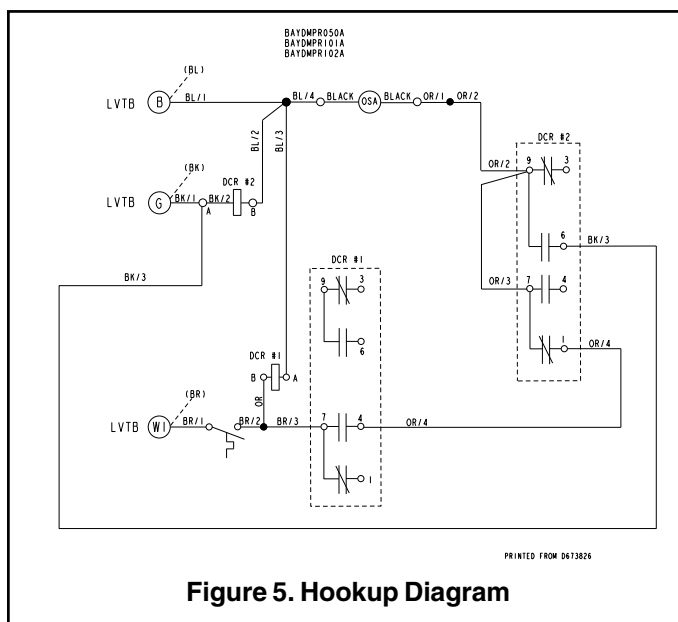
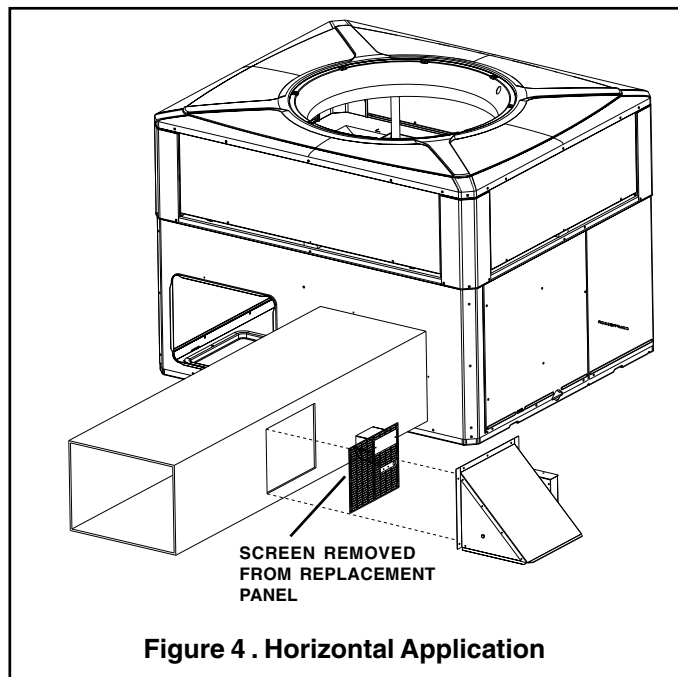
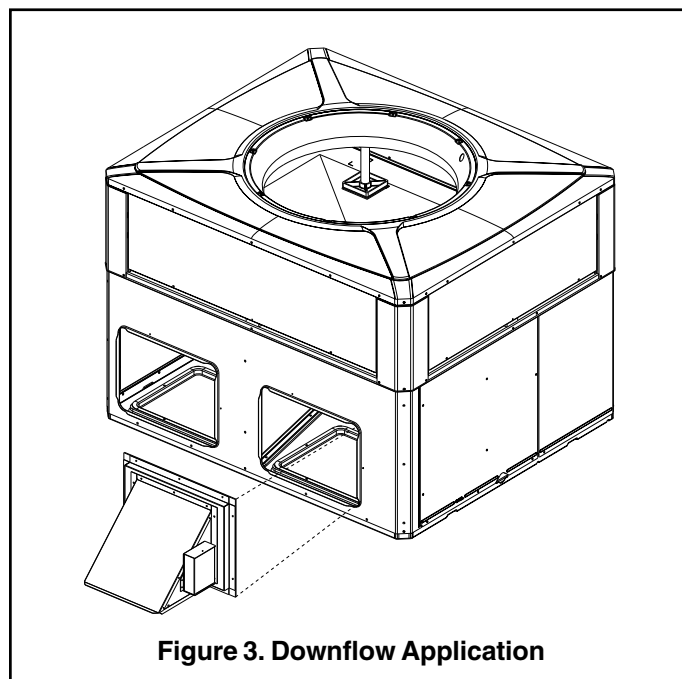


	Unit Application Models	A	B	C	D	E
BAYDMPR101A	2/4YC,WC3018-036A 4TC3018-036A 4W/T/Y/DCY4024-036A 4W/Y/DCZ6036A	15 13/16"	11 13/16"	10 1/4"	11 1/2"	12 1/4"
BAYDMPR102A	2/4YC,WC3042-060A 4TC3042-060A 4W/T/Y/DCY4042-060A 4W/Y/DCZ6048-060A	18 3/16"	15 1/8"	10 1/4"	11 1/2"	12 1/4"

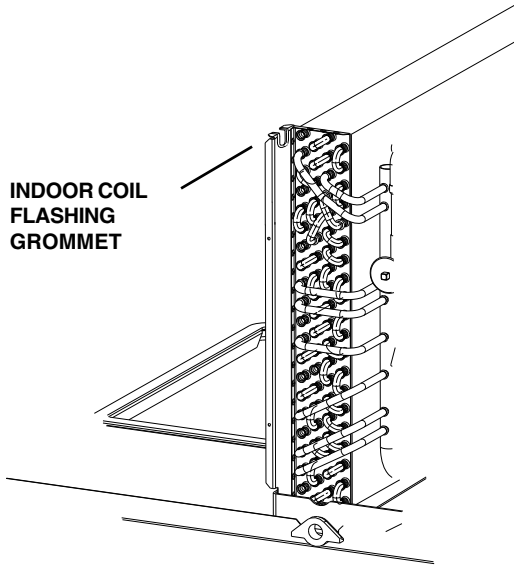
Figure 2. Dimensional Data

Installation

1. Turn the comfort control OFF.
2. Open the unit's electrical disconnect switch.
3. Remove the unit filter access and control box access panels.
4. Installing accessory:
 - a. For **downflow** applications, remove and discard the panel covering the return air opening. Install hood and replacement panel assembly to horizontal return opening using screws. See Figure 3.
 - b. For **horizontal** applications, remove the screened section off of the supplied replacement panel. Using the cutout on the replacement panel as a template, mark and cut hole into field supplied return air duct. Discard replacement panel. Install screen and hood assembly. See Figure 4.
5. Wire per the wiring diagram (see Figure 5) to prevent shorting. Route all wiring from the damper assembly through the indoor coils flashing grommet. Dress the wiring with the supplied wire ties to prevent wiring from interfering with any system component or sheet metal edges. See Figure 6, page 4.
6. Replace the filter, indoor blower, and control box access panels.
7. Restore power to the unit.
8. Initiate indoor blower operation through a thermostat "G" call and verify motorized outside air dampers fully open. Discontinue call and verify damper assembly closes completely. Initiate a "W" call and verify that the motorized outside air dampers function properly (i.e. at approx. 45°F the damper will not open; at approx. 60°F the damper should open).



INDOOR COIL
FLASHING
GROMMET



Pass Control Wiring Around
the Compressor Compartment

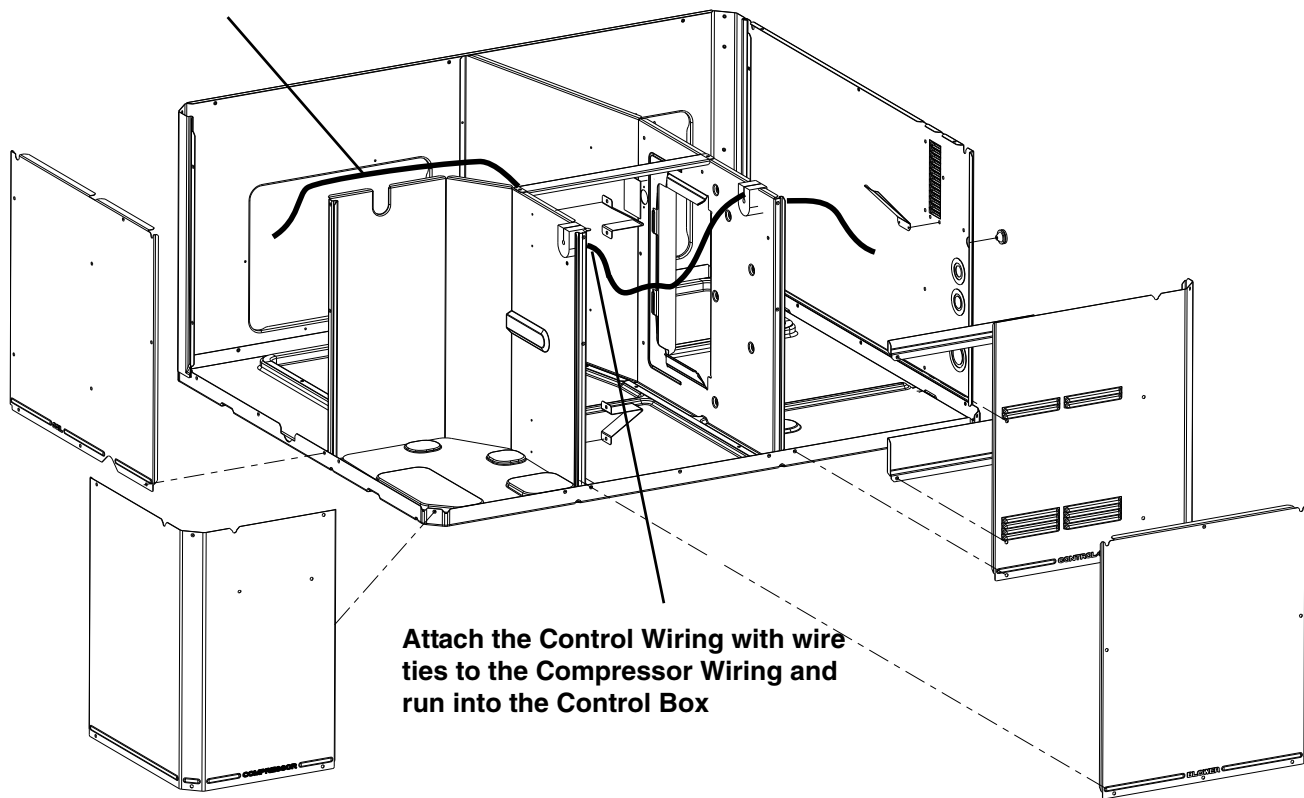


Figure 6. Route wiring