

50002653-001, 50002653-002, 50002653-003 Manual Shut-Off Valve Kits

INSTALLATION INSTRUCTIONS

APPLICATION

50002653 Manual Shut-Off Valve (MSOC) kits are mounted between Honeywell V4730C/V8730C Gas/Air regulated gas valves and Venturi Mixing Units (VMU) to provide a manual shut-off function.

FEATURES

- **Pre-assembled valve kit provides a quick and easy installation.**
- **Flanged connections with gasket and O-ring form a tight seal between components.**
- **Kit comes with all the hardware needed for installation.**

SPECIFICATIONS

Part Number:

50002653-001 for use with V4730C/V8730C Gas Valve and VMU150/300/335 kW Venturi Mixing Units. Also used with CS4790/CS8790 Venturi Systems.

50002653-002 for use with V4730C/V8730C Gas Valve and VMU500 kW Venturi Mixing Unit.

50002653-003: Same as 50002653-001, except the manual shutoff ball valve has two 1/8 in. NPT pressure taps upstream. Need to order metal sensing tube separately. (P/N KTTBA003).

Each kit contains:

One pre-assembled manual shut-off ball valve with pipe nipples and flanges on both ends.

Two bag assemblies:

Gasket and four bolts, four nuts, and four lockwashers for venturi connection.

O-ring and four M5 x 16 mm screws for gas valve connection.

Approvals:

Underwriters Laboratories Inc. File No. MH28787.

Canadian Standards Association (CSA) Certificate No. 158158-1227192.

INSTALLATION

When Installing This Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced flame safeguard technician.
4. After installation is complete, check out product operation as provided in these instructions.

Installation (Fig. 1)

1. Insert the O-ring (from bag assembly) into the O-ring groove of the V4730C/V8730C Gas Valve.
2. Connect the MSOV ball valve unit to the V4730C/V8730C Gas Valve using the four M5 x 16 mm screws provided in the bag assembly. Tighten securely (35 to 40 in.-lb. or 4.0 to 4.5 N-m ref).
3. Insert the gasket (from the other bag assembly) and connect the MSOV ball valve to the Venturi Mixing Unit (VMU) and assemble with the four bolts, lockwashers and nuts provided. Tighten securely (35 to 40 in.-lb. or 4.0 to 4.5 N-m ref).
4. Install the stainless steel sensing tube (packaged with the VMU or order P/N KTTBA003 if -003 kit is used) between the V4730C/V8730C Gas Valve pressure regulator and the VMU venturi.
5. Perform a gas leak test on all connections after installation is complete.



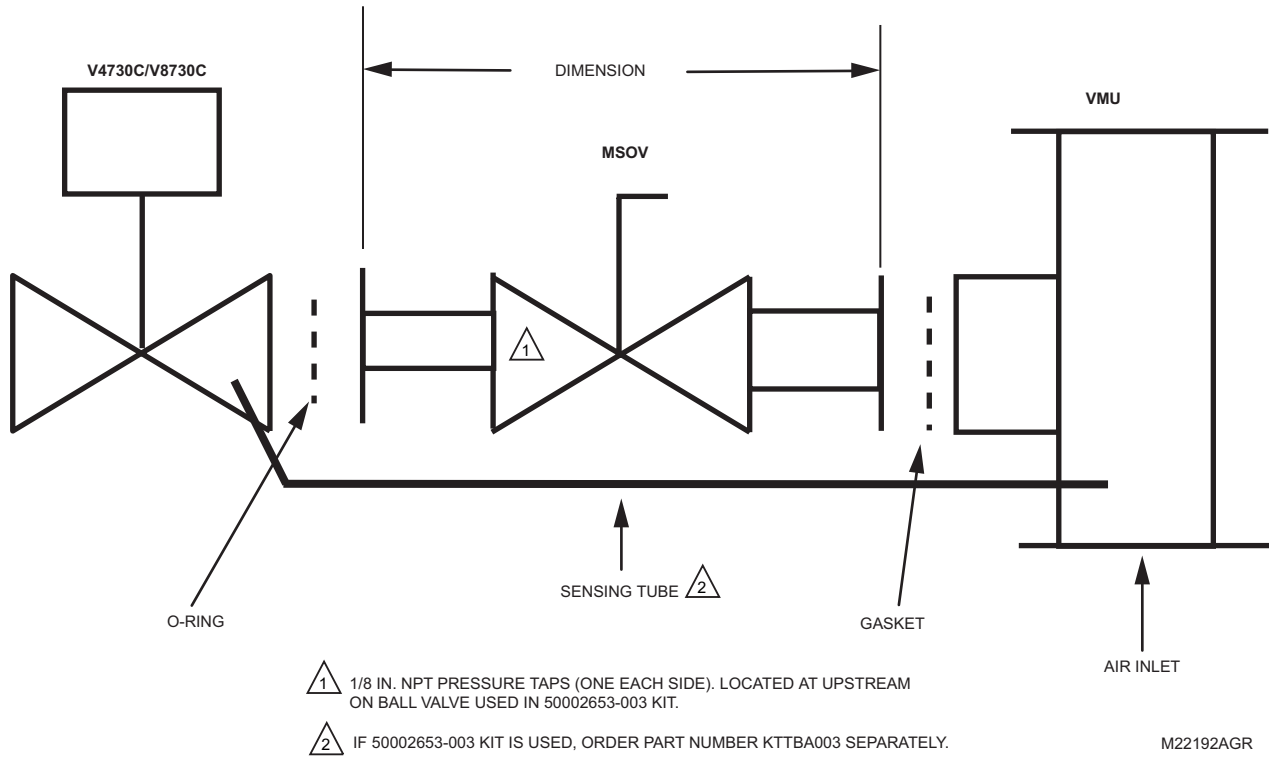


Fig. 1. Manual Shut-Off Valve Kit installed between the valve and the VMU.

Dimensions:

- 50002653-001—5-3/8 in. (136 mm).
- 50002653-002—6-1/2 in. (165 mm).
- 50002653-003—6-1/2 in. (165 mm).

Honeywell

Automation and Control Solutions

Honeywell International Inc.
1985 Douglas Drive North
Golden Valley, MN 55422

Honeywell Limited-Honeywell Limitée
35 Dynamic Drive
Scarborough, Ontario
M1V 4Z9

Honeywell International

Control Products
Honeywell Building
17 Changi Business Park Central 1
Singapore 486073

Honeywell Europe S.A.

3 Avenue du Bourget
1140 Brussels
Belgium

Honeywell Latin American

Region
480 Sawgrass Corporate Parkway
Suite 200
Sunrise FL 33325

