

Model 49

Butterfly Valve (2-1/2" - 10")



Installation Instructions

VALVE IDENTIFICATION

The ZURN WILKINS Model 49 Butterfly Valve can be distinguished from other butterfly valve brands by observing the unique lettering on the tag located on the gearbox housing. The tag designates the valve size, model, pressure rating, date of manufacture, and the UL/FM logos.



INSTALLATION INSTRUCTIONS

CAUTION: Installation of ZURN WILKINS Model 49 Butterfly Valves must be performed by qualified, licensed personnel.

1. Cycle valve open and closed to ensure proper operation. Check that the valve end connections are clean. Fully close valve prior to installation.
2. Install valve per proper methods according to end connection type.
3. If used in buried service, a valve box or vault must be provided for each valve.
4. Ensure all bolts are sufficiently tight prior to pressurization.
5. Once pressurized, open valve and thoroughly flush line to remove debris.
6. Inspect valve for external leaks.
7. If required, connect supervisory switch leads to supervisory circuit. Use water tight fittings if used outdoors or If exposed to water. If switches are not used, cut wires and plug hole to prevent water entering gearbox. See WIRING INSTRUCTIONS section. **CAUTION:** Supervisory switch wiring must be performed by qualified, licensed personnel.
8. Fully open valve. ZURN WILKINS Model 49 Butterfly Valve is now in service.

SUPERVISORY SWITCH WIRING INSTRUCTIONS

Pre-wired switches include: two, single poles and double throw.

Rating: 11A @ 125 or 250 VAC 60 Hz and
0.25A @ 250VDC, 0.50A @ 125VDC

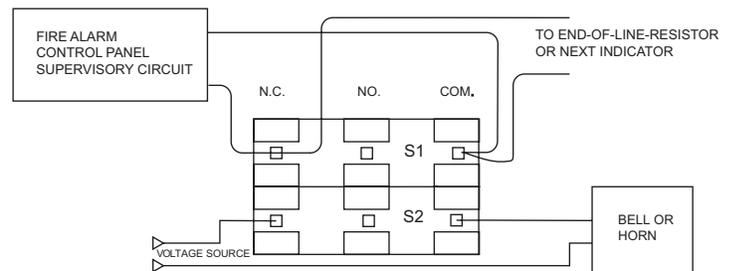
Wiring: (Pre-wired switches)

1. Switches Supervise Open Valve.
2. One switch has two # 18AWM wires per terminal. Permits complete supervision of leads. Second switch has one #18AWM wire per terminal. This double circuit provides flexibility to operate two electrical devices at separate locations such as an indicating light and an audible alarm in the area at the valve installation.

Switch #1 S1	Switch #2 S2
Normally Closed: (2) Yellow	Normally Closed: Violet
Normally Open: None	Normally Open: Blue
Common: (2) Orange	Common: Red

3. A ground lead, #18AWM is provided (green)

Note: Connecting to Common Terminals (Orange S1 and Red-S2), and Normally Closed Terminals (Yellow S1 and Purple- S2): e.g., indicator light and alarm stays on until valve is fully opened: then indicator light and alarm go out. Cap off unused wire, eg., Blue



WARRANTY: ZURN WILKINS Valves are guaranteed against defects of material or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to ZURN WILKINS within 12 months from date of purchase, it will be repaired or replaced free of charge. ZURN WILKINS' liability shall be limited to our agreement to repair or replace the valve only.

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