

Dole® HM4 -A Zone Valve

For hydronic heating and cooling systems



The Dole HM4-A Zone Valve uses the same operator as the HM2 and HM3 valve, but the mechanism is a unique and exclusive rotary poppet type, insuring positive shut off. A lighter weight, forged body is used, permitting installation directly into the line without disassembly of the valve. The HM4-A is available in $\frac{3}{4}$ " sweat connections.

Features

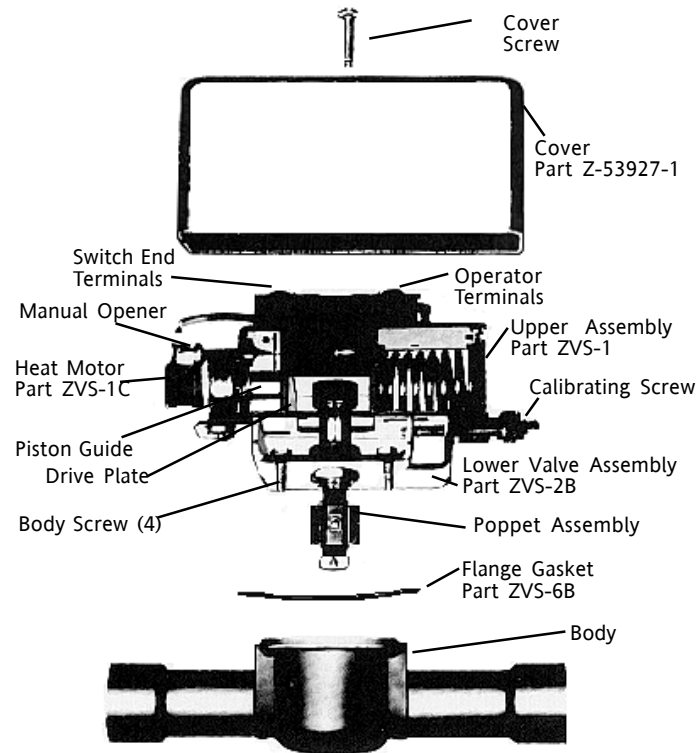
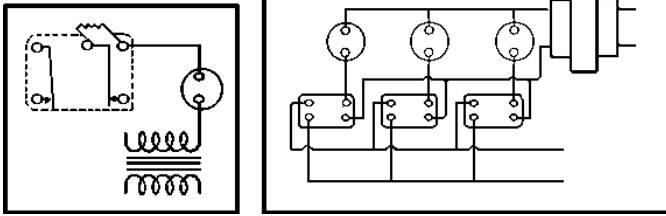
- Closes tightly - 100% shutoff at 60 feet of differential pressure
- Silent operation - valve is slow acting to prevent water hammer and minimize expansion noises
- Space-saving size - compact Dole valve can be installed under the cover of the average baseboard
- Auxiliary switch - provided without extra cost
- Uses two-wire thermostat - simplifies wiring
- Saves power - intermittent action of heat motor minimizes current use
- Manual opening - valve can be opened manually, if desired
- Installs in any position
- Longer life - no gears or operating cams to wear out and become noisy
- Simple design - sliding mechanism with extremely short motion
- No lubrication - no bearing to lubricate, no seizing
- Leakproof - no packing glands or nuts that require periodic adjustment; no diaphragms to rupture
- Wide application - can be used with any standard type of hydronic system, hot or chilled water
- Installs at boiler or radiator
- Operates in systems up to 125 PSI system pressure (static)
- Easy servicing - driving mechanism can be easily removed without draining system

PLUS - The HM4-A Zone Valve is built to permit installation without the need to disassemble. The valve comes right from the package and is sweat into the line. Big savings in labor costs!

Zone Valve Wiring Diagram

Use two wire low voltage thermostats with .9 amp heat anticipator setting. A maximum of three zone valves may be used with each 40 VA transformer.

Internal Wiring



Specifications

Maximum system pressure : 150 PSI

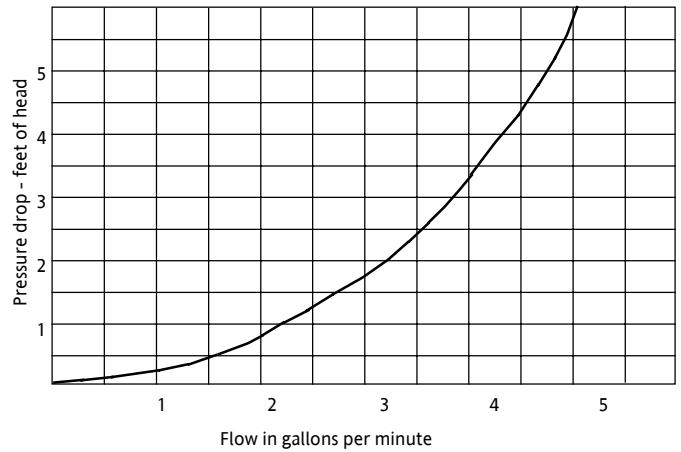
Maximum pumphead

(close off) pressure: 60 ft. of water or approximately 30 PSI differential

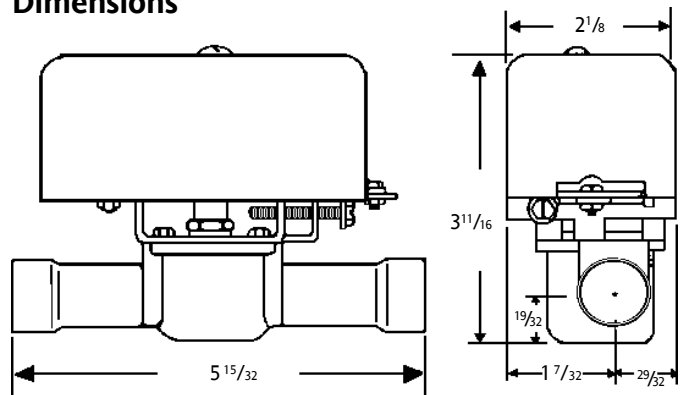
Temperature range: 40°F - 240°F

Electrical rating: 24 VAC, 9 amp.

Pressure Drop Curve



Dimensions



Repair Kits

Upper Assembly	Part #ZVS-1
Lower Assembly	Part #ZVS-2B
Complete Assembly	Part #ZVS-3B (<i>Obsolete</i>)
Flange Gasket	Part # ZVS-6B, 5 per pkg
Heat Motor	Part # ZVS-1C
Cover	Part # Z-53927-1

Information subject to change without notice.

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