



MZV527E/U Motorized Zone Valve w/aux switch

Overview

Honeywell MZV Series is the first linear zone valve with a built-in balancing plug that permits pre-balancing for each zone.

Features

- Rack and pinion linear design.
- Fast acting, 15 seconds to open, 5 seconds to close.
- Two piece rack design to extend service life.
- Low power consumption, 8 valves, 40 VA transformer.
- External valve position indicator.
- Quiet operation, no water hammer.
- Built-in tamper resistant balancing valve for pre-balancing.
- High torque, constant speed synchronous motor.
- Cooler running, longer life motor.
- Operator can be replaced without draining system.
- Manual opening feature.
- Replaceable valve cartridge.
- Large adjustable flow, 1/2 in. 3/4 in. Cv 5.8; 1 in. 7.0 Cv; 1-1/4 in. Cv 7.0.
- Motor CSA recognized.
- 4 wire operator with auxiliary switch.
- 2 wire without switch, 24 in. leads.
- Compatible with programmable thermostats.
- Bronze casting; brass/stainless trim.
- USA Patent Nos. 5,529,282; D369,650; 5,941,500; 6,032,924.
- UK Patent No. 2,052,382. 24 VAC, 60 Hz, 0.25 ampere.
- 30 mm collar (valve/actuator interface)

Product Specifications

Application

Residential or Commercial Zoning for hot water heating or chilled water air conditioning systems, fan coil units or indirect water heater service.

Frequency

60 Hz

Operating Humidity Range (% RH)
5 to 95% relative humidity, non-condensing.

Voltage
24 Vac

Ambient Temperature Range (F)
125 F Maximum

Ambient Temperature Range (C)
52 C Maximum

Pressure Range (psi)
Maximum Water--125 psi

Pressure Range (kPa)
Maximum Water--862 kPa

Connection Type
Sweat

Body Pattern
Two-way

Pipe Size (inch)
1 1/4 in.

Pipe Size (DN)
DN32

Maximum Differential Pressure Ratings (Close-off) (psi)
17.5 psi

Capacity (Cv)
7.0 Cv

Valve Type
Zone Valve

Auxiliary End Switch
SPST