**Series ZV2**

**Two-Way Detachable Zone Valves**

Valve housing is constructed of fire resistant plastic. Actuator housing is connected to the valve body by a turn key allowing the valve body to be installed without the actuator. Actuator housing is constructed of fire resistant plastic.

**Series ZV2**

**Three-Way Detachable Zone Valves**

Valve housing is constructed of fire resistant plastic. Actuator housing is connected to the valve body by a turn key allowing the valve body to be installed without the actuator. Actuator housing is constructed of fire resistant plastic.

**SPECIFICATIONS**

**Service:** 2-way, normally closed.

**Line Size:** 3/4” to 1-1/4”.

**End Connections:** Female NPT (optional BSP, sweat connections).

**Flow Characteristic:** Quick opening.

**Input:** Floating: 3-wire; Modulating: 0 to 10 VDC or 4 to 20 mA (24 VAC power only).

**Pressure Requirements:** 120 VAC or 24 VAC, ±10%, 50/60 Hz (optional 220 VAC).

**Power Consumption:** Floating: 2.5 VA; Modulating: 3.5 VA.

**Electrical Connection:** 22 gauge, 0.035 (0.89 mm) long.

**Cycle Time:** Opening: 1.5 to 2.0 seconds.

**Enclosure Rating:** General purpose.

**Housing Material:** PVC and polycarbonate.

**Model** | **Size** | **Supply Voltage** | **Input** | **Model** | **Size** | **Supply Voltage** | **Input**
---|---|---|---|---|---|---|---
ZV20212 | 3/8” | 120 VAC | Floating | ZV20524 | 3/8” | 24 VAC | Modulating
ZV20214 | 3/8” | 24 VAC | Floating | ZV20524 | 3/8” | 24 VAC | Modulating
ZV20224 | 3/8” | 24 VAC | Floating | ZV20524 | 1/2” | 24 VAC | Modulating
ZV20312 | 3/8” | 120 VAC | Floating | ZV20524 | 3/4” | 24 VAC | Modulating
ZV20314 | 3/8” | 24 VAC | Floating | ZV20524 | 1” | 24 VAC | Modulating
ZV20324 | 3/8” | 24 VAC | Floating | ZV20524 | 1-1/4” | 24 VAC | Modulating

**Model** | **Size** | **Supply Voltage** | **Input** | **Model** | **Size** | **Supply Voltage** | **Input**
---|---|---|---|---|---|---|---
ZV20412 | 3/8” | 120 VAC | Floating | ZV20612 | 3/8” | 24 VAC | Floating
ZV20414 | 3/8” | 24 VAC | Floating | ZV20614 | 3/8” | 24 VAC | Floating
ZV20424 | 3/8” | 24 VAC | Modulating | ZV20624 | 3/8” | 24 VAC | Modulating
ZV20512 | 1/2” | 120 VAC | Floating | ZV20712 | 1/2” | 24 VAC | Floating
ZV20514 | 1/2” | 24 VAC | Floating | ZV20714 | 1/2” | 24 VAC | Floating
ZV20524 | 1/2” | 24 VAC | Modulating | ZV20724 | 1/2” | 24 VAC | Modulating
ZV20612 | 3/4” | 120 VAC | Floating | ZV20812 | 3/4” | 24 VAC | Floating
ZV20614 | 3/4” | 24 VAC | Floating | ZV20814 | 3/4” | 24 VAC | Floating
ZV20624 | 3/4” | 24 VAC | Modulating | ZV20824 | 3/4” | 24 VAC | Modulating
ZV20712 | 1” | 120 VAC | Floating | ZV20912 | 1” | 24 VAC | Floating
ZV20714 | 1” | 24 VAC | Floating | ZV20914 | 1” | 24 VAC | Floating
ZV20724 | 1” | 24 VAC | Modulating | ZV20924 | 1” | 24 VAC | Modulating
ZV20812 | 1-1/4” | 120 VAC | Floating | ZV209812 | 1-1/4” | 24 VAC | Floating
ZV20814 | 1-1/4” | 24 VAC | Floating | ZV209814 | 1-1/4” | 24 VAC | Floating
ZV20824 | 1-1/4” | 24 VAC | Modulating | ZV209824 | 1-1/4” | 24 VAC | Modulating

**Flow Characteristic:** Quick opening.

**Input:** Floating: 3-wire; Modulating: 0 to 10 VDC or 4 to 20 mA (24 VAC power only).

**Pressure Requirements:** 120 VAC or 24 VAC, ±10%, 50/60 Hz (optional 220 VAC).

**Power Consumption:** Floating: 2.5 VA; Modulating: 3.5 VA.

**Electrical Connection:** 18 AWG jacketed, 9” (228 mm) long.

**Cycle Time:** Opening time: 50 to 65 seconds.

**Enclosure Rating:** General purpose.

**Housing Material:** PVC and polycarbonate.

**VDC input. Modulating models include a motor time out feature that automatically turns off the motor after the full stroke of the valve to increase motor life. Features in the ZV2 are a detachable actuator that is easily removable by a turn key allowing the valve body to be installed without the actuator. Actuator housing is constructed of fire resistant plastic.