

ZVS22

ZVS3/4

For SOLAR thermal systems

ZVS28

ZVS1

2 -port Zone Valve

INSTRUCTION SHEET



ZV range 2-port spring return motorised zone valves with an auxiliary switch

The fitting and wiring instructions should be read before fitting the valve

Fitting:

When connecting to pipe work do not use the actuator for leverage. Valves should be held by wrench flats on body.

Place the AUTO/MAN lever in the MAN position when filling, venting or draining the system

Mounting Options:

The valve may be mounted vertically, or horizontally but should not be mounted so that valve head is below the horizontal level of the pipe work

Do NOT over tighten

Warning:

All controls must be earthed. All valves should have a means of disconnection from electrical mains supply which incorporates a contact separation of at least 3mm in all poles. All wiring must be carried out to IEE Regulations by a competent Electrician

The system must be appropriately fused.

Type Numbers and sizes:

ZVS22 22mm compression

ZVS28 28mm compression

ZVS3/4 3/4" BSP

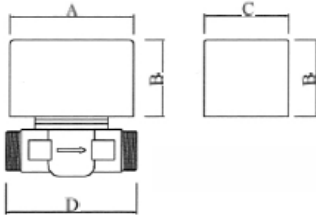
(3/4" compression upon

request)

ZVS1 1" BSP

(1" compression upon request)

All dimensions in mm



ZVS22 A = 87 B = 55
C = 60 D = 112

ZVS28 A = 87 B = 55
C = 60 D = 117

ZVS3/4 A = 87 B = 55
C = 60 D = 94

ZVS1 A = 87 B = 55
C = 60 D = 94

Application

The **ZVS** range 2-port spring return valve has been designed for use with solar thermal systems, operating at a temperature of 120°C with short term peaks of up to 160°C

The internal components has been made of material suitable for use with both the glycol fluids used in solar systems and the high temperature experienced in normal operation

Technical Data

Voltage: 230Vac

Power consumption: 6W

Cable length: 1 metre, 5 core

Fluid temperature : +5 to +160°C

Max ambient temperature: +52°C

Wires

Blue - neutral

Brown – live

Green & Yellow – earth

Orange – end switch out (auxiliary)

Grey – end switch in (auxiliary)

Certifications

CE : C102410

ISO 9001:2000

GB00568



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