

INSTRUCTION SHEET



ZVM range 3-port spring return mid-position valves

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

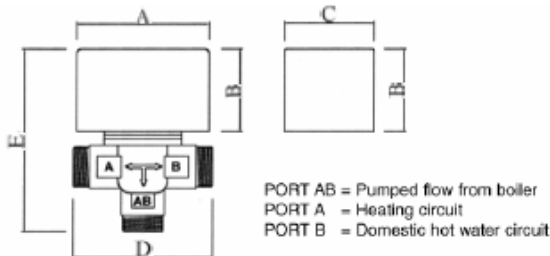
MOUNTING OPTIONS:

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

TYPE NUMBERS AND SIZES

ZVM22	22mm compression
ZVM28	28mm compression
ZVM3/4	3/4" BSP (3/4" compression upon request)
ZVM1	1" BSP (1" compression upon request)

ALL DIMENSIONS IN MM



ZVM22	A = 87 B = 55 C = 60 D = 112 E = 133
ZVM28	A = 87 B = 55 C = 60 D = 117 E = 137
ZVM3/4	A = 87 B = 55 C = 60 D = 94 E = 124
ZVM1	A = 87 B = 55 C = 60 D = 94 E = 124

APPLICATION

The ZVM range 3-port spring return mid-position valve is for use on fully pumped systems which when correctly wired with an appropriate room thermostat, cylinder thermostat and programmer will control the water flow from the boiler to either to hot water only, heating only, or to both simultaneously

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.

TECHNICAL DATA

Voltage: 230Vac
 Power consumption: 6W
 Cable length: 1 metre, 5 core
 Fluid temperature: +5 to +88°C
 Max ambient temperature: +52°C

WIRES

White – Heating on Blue - neutral
 Grey – Hot water off Green/Yellow – earth
 Orange – Hot water boiler pump live

To use as diverter valve,

isolate orange, connect white and grey together

CERTIFICATIONS

CE : CI02410
 ISO 9001:2000 GB00568



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