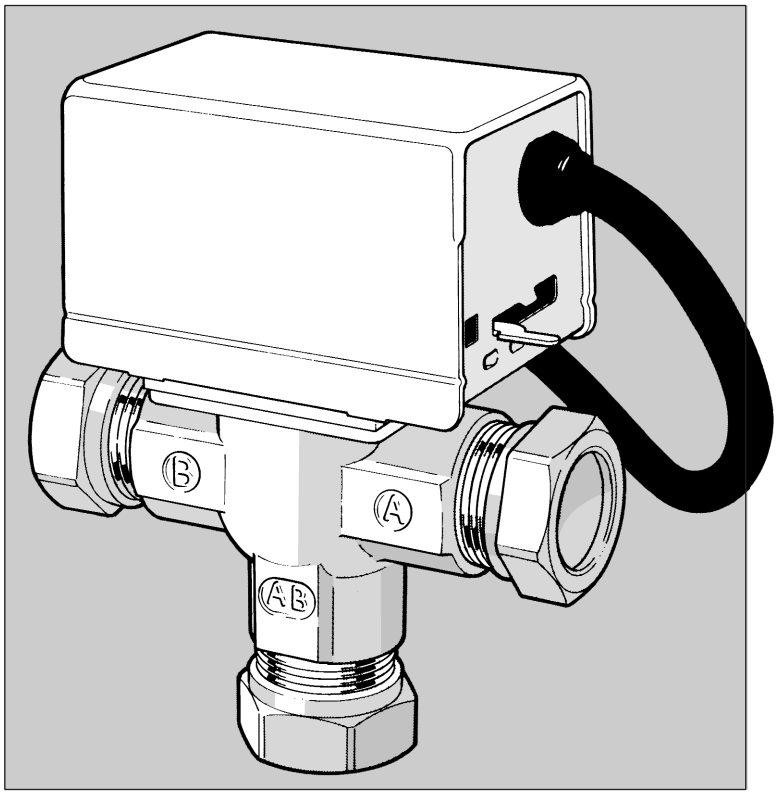
DIVERTER VALVE

HEATING CONTROLS

V4044

FEATURES

- Spring return action.
- Two position operation.
- Manual lever for filling/draining down.
- Powerhead replaceable without draining down.
- Motor changeable without replacing whole powerhead.
- Quiet operation, minimal power consumption.



APPLICATION

The V4044 valve has been designed to control the flow of water in small bore domestic central heating systems, where both the radiator and hot water cylinder circuits are pumped, on a selective priority basis.

Honeywell

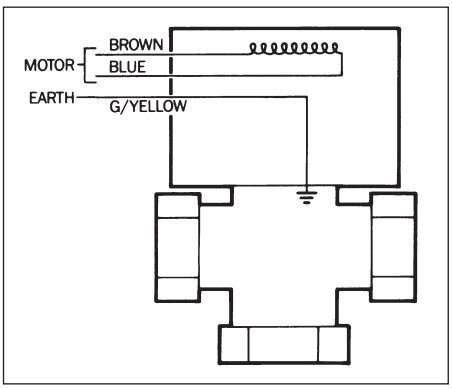
MOTORISED ZONE VALVE V4044

Installation

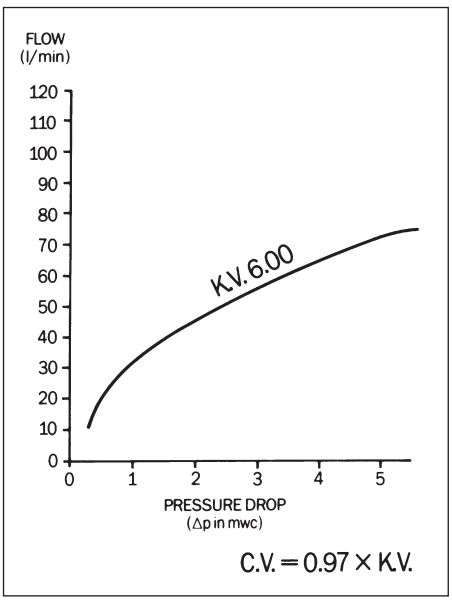
The valve must be positioned where it cannot block any vent or cold feed, when either Port A or B is closed. It may be plumbed in at any angle, but must **not** be mounted so that the powerhead is below the horizontal level of the pipework.

The valve must not be mounted on the return under any circumstances. If fitted in a confined space, sufficient ventilation must be available to keep the valve within its ambient temperature range and access must be provided to remove the powerhead if necessary.

Wiring



Flow Characteristics



Specification

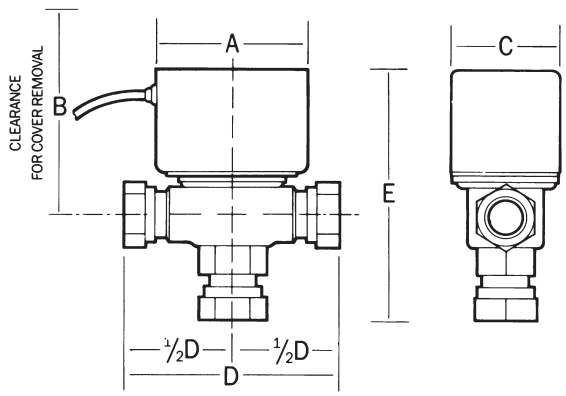
Voltage Rating	: 230 Volts AC 50Hz
Power Consumption	: 6W
Timings (Nominal)	: Valve opens to Port A (from Port B) in 18 seconds (under power) Valve opens to Port B in 8 seconds (under spring return)
Ambient Temperature	: 50˚C max
Flow Temperature	: 5˚C to 88˚C max
Static Pressure	: 8.6 bar max
Flow Capacity	: Kv 6.0 (see accompanying graph)
Maximum Differential Pressure for Close Off:	: 0.69 bar
Inlet	: Port AB
Outlet	: Ports A and B Port A open when energised Port B open when de-energised
EC Directive	: Conforms to 89/336/EEC & 73/23/EEC

NOTE: Continuous operation of the valve motor at the fully open position is not recommended

Ordering Specification

MODEL	PIPE CONNECTIONS	K.V.	DIFFERENTIAL PRESSURE FOR CLOSE OFF
V4044C1288	22mm Comp.	6.0	0.69 bar max
V4044C1098	¾" BSP Female	6.0	0.69 bar max
V4044C1494	1" BSP Female	8.1	0.55 bar max
V4044C1569	28mm Comp.	8.1	0.55 bar max

Dimensions (mm)



A		87
B		98
C		60
D	¾"	94
	22mm	112
	1"	94
	28mm	117
E	¾"	124
	22mm	133
	1"	124
	28mm	137

CE