

Product Data Sheet

12/17/2024

Thermostatic Radiator Valves & Heads

Motorised Valves

UK - Myson



- Compatible and reliable
- Powerful motor with high-grade insulation
- Manual override with spring return
- Two port and 3 port available
- Neon valve position indicators

Description

The Myson range of Motorised Valves has been designed with complete reliability and compatibility in mind. Our motorised valves are compatible as replacements to all leading makes, so you don't need to look anywhere else. The range has low contact resistance switching for compatibility with the low voltage/low current switching found on many boilers throughout the UK and Europe.

Area of Application

Motorised Valves control water flow between heating and hot water zones in domestic fully pumped central heating systems. Ideal for central heating or hot water circuits, these valves offer powerful motors, high-grade insulation, and low contact resistance switching .

Selection Criteria

For product selection, refer to our design service. For a quick selection, use our brochure .

Basic User Instructions

Ensure the flow and return pipework are correctly fitted. Install the valve with the manual override option for easy system balancing at start-up. Follow all safety precautions during installation, ensuring the connections are secure. Regularly check the valve function indicators and maintain as needed to ensure optimal performance .

Prescription text specifiers

Myson Motorised Valves manage the flow between heating and hot water zones in domestic central heating systems. Compatible with all leading brands, they feature powerful motors with high-grade insulation, gold plated microswitch contacts, and manual overrides with spring returns. Available in both 2-port and 3-port configurations, they are designed for low voltage/low current switching to suit modern boilers. The valves include neon position indicators for clear visual status and ensure optimal reliability and compatibility across a variety of domestic heating systems .

Warranty

For your additional peace of mind, Purmo Group gives the following Warranty against manufacturing defect. Your statutory rights are not affected by this Warranty.

Subject as provided below, Purmo Group warrants to the original purchaser at the original installation site that its products will be free from defects in materials and workmanship for the following periods:

- Hydronic Radiators: 10 years from date of purchase.*
- Fan Assisted Radiators (ULOW-E2): 2 years from date of purchase.*
- Fan Convectors: 2 years from date of purchase.
- Hydronic Underfloor Heating: 10 years for the pipe from date of purchase.
- Hydronic Underfloor Heating: 2 years on accessories, actuators, ball valves, controls, expansion vessels, fittings, low loss headers, manifolds, mixer control groups & tooling from date of purchase.
- Hydronic Underfloor Heating: 12 months on all pumps from date of purchase.
- Electric Underfloor Heating: 10 years from date of purchase (except programmer & sensor).
- Electric Radiators and Towel Warmers: 2 years from date of purchase.*
- Hydronic Towel Warmers: 5 to 10 years from date of purchase depending on product type.*
- Myson Radiator Valves and Controls: 2 to 5 years from date of purchase, depending on range.

*Products which are exposed to prolonged extreme conditions, such as high humidity or severe cold/condensation, may be subject to deterioration. This is not a result of any manufacturing defect. Products installed in these circumstances will be subject to a warranty period of twelve months only.

The original purchaser's remedy for breach of this Warranty is expressly limited to repair or replacement of any part or parts found to be defective under conditions of normal service and use

during the above Warranty period and does not extend to Purmo Group being liable for any incidental, special or consequential damages or losses whatsoever, such as loss of use of the product, inconvenience or lost profits.

This Warranty does not cover any defect, damage or malfunction in the product which is due to: failure to comply in any respect with Purmo Group's installation, maintenance or operating instructions; faulty storage,

handling, installation or repair; mis-use; neglect; accident; abuse; or general wear and tear.

Before this warranty can be activated, the original purchaser will be required to prove, with supporting documentation, the date and place of purchase, as Purmo Group may need to conduct its investigation into

the alleged defect. This should be within 28 days of the date when the defect was discovered or ought to have reasonably discovered the defect.

Purmo Group reserves the right to make a reasonable charge for inspecting and testing any product which is subject to a Warranty claim and the rights conferred by the Warranty are conditional upon the payment of such charge. The charge may be made, at Purmo Group's discretion, either before or after the inspection and testing of the product. In the event that it is established to Purmo Group's reasonable satisfaction that a valid Warranty claim has been made in respect of the product, then any inspection charge which has been paid will be refunded in full by Purmo Group.

Specification

Feature	Unit	Value
Etim Class		EC011408 - Electrically controlled two-way control valve
Housing material		Brass
Nominal diameter		1 inch (25), 3/4 inch (20)
Outer pipe diameter all connections	Millimetre (mm)	22, 28
Connections		Compression ring
With coupling connection 1		Yes
With coupling connection 2		No
Medium temperature (continuous) min	Degrees celsius (°C)	5 - 95
Kvs value		6.6
Supply voltage min	Volt (V)	-
Supply voltage		230 V AC
Voltage type		AC
Adjustable operating range		No
Auxiliary contacts		No
With end contacts		No
Suitable for manual operation		Yes
Explosion-proof		No
Allowable relative humidity min	Percentage (%)	-
Ambient temperature min	Degrees celsius (°C)	5 - 52
Height	Millimetre (mm)	30, 73, 90
Width	Millimetre (mm)	112
Depth	Millimetre (mm)	30, 73
Item weight	Kilogram (kg)	0.8387, 0.895, 1.065, 1.1556

Resources

Document Description	Document Type	Link
----------------------	---------------	------

Items

Local Code	Global Item Code	Item Description
MPE21	FDLK60B01DAZ23UK4	Two Port Motorised Zone Valve - 1"
MPE23/4	FDLK60B22DAZ23UK4	Two Port Motorised Zone Valve - 3/4"
MPE222	FDLK6DN22DAZ23UK4	2 Port Motorised Valve - 22mm & 3/4"
MPE228	FDLK6DN28DAZ23UK4	2 Port Motorised Valve - 28mm & 1"