

Product Data Sheet

11/20/2024

Ulow E2

UK - Myson



- Super efficient radiator
- Ideal for low-temperature heating systems
- Integrated fan
- Electronic thermostatic actuator
- Silent operation

Description

The Ulow E2 radiator excels in low-temperature heating, offering up to 60% more heat output than traditional radiators. Equipped with intelligent controls and in-built fans, it provides efficient forced convection. The radiator's flexibility includes central connection technology and a "summer breeze" function for air circulation. Available in nine sizes, with double panels and a factory-fitted top grille and side panels, it promises both efficiency and aesthetic appeal.

Area of Application

The Ulow E2 is ideal for low-temperature heating systems, offering both heating and cooling functionality. It is highly suitable for rooms needing more heat output from a panel radiator and features intelligent controls. Optimal for hydronic systems, it includes central connection technology, making it versatile for both residential and commercial applications.

Selection Criteria

Available in heights of 600mm and lengths from 400mm to 2000mm. Each size offers 3 heating modes.

Basic User Instructions

Install the Ulow E2 radiator with an electronic actuator for easy control. A central connection twin entry valve, nut, and olive pack are supplied separately. The built-in controls and fans should be used for optimal performance in both heating and cooling modes. Ensure proper maintenance and cleaning of the unit to maintain its efficiency. Wall brackets are included for secure mounting. Switch to air circulation mode during warm days to utilize the "summer breeze" function.

Prescription text specifiers

The Ulow E2 is a premium fan-assisted radiator designed for low-temperature heating systems. Available at heights of 600mm and lengths between 400mm to 2000mm, it incorporates intelligent controls and built-in fans to enhance heat distribution and performance. Capable of producing up to 60% more heat than traditional radiators, it features central connection technology for flexible installation and maintenance. Suitable for hydronic heating applications in both residential and commercial settings, the Ulow E2 ensures efficient and rapid heating. The radiator also includes a "summer breeze" mode for air circulation during warmer months, adding to its versatility. It comes with a factory-fitted top grille and side panels, and uses a white electronic thermostatic actuator for precise temperature control.

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		EC003024 - Fitting with 2 connections, EC004480 - Fan-assisted radiator, EC010077 - Bottom H-block
Item weight	Kilogram (kg)	0.092, 0.27, 0.275, 0.4, 0.5, 17.13, 24.59, 32.06, 39.7, 47.16, 53.02, 62.27, 69.91, 77.37
Mounting method		On wall
Colour		White
Height	Millimetre (mm)	600
Depth	Millimetre (mm)	107
RAL-number		9016
With time switch clock		No
Type of regulation		Mechanical
Type		22
Length	Millimetre (mm)	1000, 1200, 1400, 1600, 1800, 2000, 400, 600, 800
Digital indication		No
Material		Brass, Steel
Max. water temperature	Degrees celsius (°C)	60
Water content	Litre (l)	11.4, 12.8, 14.2, 2.8, 4.3, 5.7, 7.1, 8.5, 9.9
With presence indicator		No
Connection voltage	Volt (V)	230
Adaptive (self-learning)		No
Frequency		50/60 Hz
With mounting material		No
Position control panel		Top
Water-bearing front panel		No
Operation by app		No
Surface structure front side panel		Flat smooth
Consumption indication		No
Open window detection		No
Cooling capacity according to EN 16430 26 °C - 17/19 perceived high	Watt (W)	145, 194, 242, 291, 339, 388, 436, 485, 97
Cooling capacity according to EN 16430 26 °C - 17/19 perceived low	Watt (W)	108, 144, 181, 217, 253, 289, 325, 361, 72
Heat emission according to EN 16430 20 °C - 55/45 low	Watt (W)	1129, 1290, 1451, 1612, 322, 484, 645, 806, 967
Heat emission according to EN 16430 20	Watt (W)	1116, 1339, 1562, 1785, 2008, 2231, 446,

Feature	Unit	Value
°C - 55/45 medium	Watt (W)	669, 892
Heat emission according to EN 16430 20 °C - 55/45 high	Watt (W)	1013, 1266, 1519, 1772, 2026, 2279, 2532, 506, 760
Heat emission according to EN 16430 20 °C - 45/35 high	Watt (W)	1108, 1267, 1425, 1583, 317, 475, 633, 792, 950
Heat emission according to EN 16430 20 °C - 45/35 medium	Watt (W)	1090, 1226, 1363, 273, 409, 545, 681, 818, 954
Heat emission according to EN 16430 20 °C - 45/35 low	Watt (W)	184, 276, 368, 460, 552, 644, 736, 828, 920
Heat emission according to EN 16430 20 °C - 40/35 high	Watt (W)	1109, 1247, 1386, 277, 416, 554, 693, 832, 970
Heat emission according to EN 16430 20 °C - 40/35 medium	Watt (W)	1071, 1190, 238, 357, 476, 595, 714, 833, 952
Heat emission according to EN 16430 20 °C - 40/35 low	Watt (W)	157, 236, 314, 393, 471, 550, 628, 707, 785
Heat emission according to EN 16430 20 °C - 35/30 high	Watt (W)	189, 284, 379, 473, 568, 663, 758, 852, 947
Heat emission according to EN 16430 20 °C - 35/30 medium	Watt (W)	162, 243, 323, 404, 485, 566, 647, 728, 809
Heat emission according to EN 16430 20 °C - 35/30 low	Watt (W)	100, 150, 200, 250, 300, 350, 400, 450, 500
Cooling capacity according to EN 16430 28 °C - 17/19 perceived low	Watt (W)	132, 176, 220, 264, 308, 352, 396, 440, 88
Cooling capacity according to EN 16430 28 °C - 17/19 perceived high	Watt (W)	119, 179, 238, 298, 358, 417, 477, 536, 596
N-exponent according to EN 16430 20 °C - 55/45 low	°C	1.317
N-exponent according to EN 16430 20 °C - 55/45 medium	°C	1.129
N-exponent according to EN 16430 20 °C - 55/45 high	°C	1.112
N-exponent according to EN 16430 20 °C - 45/35 low	°C	1.317
N-exponent according to EN 16430 20 °C - 45/35 medium	°C	1.129
N-exponent according to EN 16430 20 °C - 45/35 high	°C	1.112
N-exponent according to EN 16430 20 °C - 40/35 high	°C	1.112
N-exponent according to EN 16430 20 °C - 40/35 medium	°C	1.129
N-exponent according to EN 16430 20 °C - 40/35 low	°C	1.317

Feature	Unit	Value
N-exponent according to EN 16430 20 °C - 35/30 high		1.112
N-exponent according to EN 16430 20 °C - 35/30 medium		1.129
N-exponent according to EN 16430 20 °C - 35/30 low		1.317
N-exponent according to EN 16430 20 °C - cooling mode, low		0.886
N-exponent according to EN 16430 20 °C - cooling mode, high		0.926
Connection BC, bottom center		Double connection, inlet-outlet
Number of standard connections		2
Welded-on strips		Yes
With drain valve		No
With de-aerator		Yes
With de-aeration connection		Yes
Max. operating pressure	Bar (bar)	10
With drain possibility (connection)		Yes
Thread connection		External thread
With level switch		Yes
Thread size (inch)		3/4 inch
With side lining		Yes
With single-point connection		No
With integrated thermostatic valve		Yes
With wall brackets		No
With blind stops		Yes
With top cladding		Yes
Suitable for damp space		No
Suitable for cooling		Yes
With built-in position controller		Yes
Standard colour		Yes
Degree of gloss		Glossy
Lockable		No
Surface protection		Nickel-plated
Adjustable		No
Suitable for single pipe system		No
Suitable for two pipe system		Yes
Centre distance, supply/return	Millimetre (mm)	50
Connection direction towards wall (square)		Yes
Connection direction towards floor (straight)		No

Feature	Unit	Value
Size of pipe connection		3/4 inch Euroconus
Suitable for filling/drain tap		No
Four-way supply/return connection		No
Size of radiator connection		3/4 inch external thread
Self-controlling		No
Thermostatically prepared		No
Connection 2		Internal thread metric
Contour code connection 2		Several
Main colour fitting		Other
Material connection 1		Brass

Resources

Document Description	Document Type	Link
Myson Complete Solutions - Full Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b
Myson Premium Panel Radiators Range	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_dbbb4886-bcb4-4852-95a7-59ce12e05cfb
Myson ULOW-E2 Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_ccea300c-c20c-40f4-a2ba-c68c2f8e064e
Ulow E2 H, front view		https://asset.productmarketingcloud.com/api/assetstorage/3577_3fc18b47-7050-40db-8af0-e40e0e27c472
Ulow E2 H, side view		https://asset.productmarketingcloud.com/api/assetstorage/3577_a9d3a4ce-7ec2-41fc-9274-9d3cc6f15dc8
		https://asset.productmarketingcloud.com/api/assetstorage/3577_e3432037-666e-4820-8687-04121b743aed
Ulow-E2 Easy-start manual	Installation Instructions	https://asset.productmarketingcloud.com/api/assetstorage/3577_b5faa60f-e46f-4d3d-807b-42d5b645d0c5
ULOW-E2 Mounting Position, Dimensions and Wall Brackets		https://asset.productmarketingcloud.com/api/assetstorage/3577_b7651055-b740-4c96-99bd-fcd863d62ac6
		https://asset.productmarketingcloud.com/api/assetstorage/3577_0f829a6e-9e4d-456e-b481-ef50ddfc0918
	Installation Instructions	https://asset.productmarketingcloud.com/api/assetstorage/3577_3760b371-1512-495b-b9b1-3ad8783ad06d
ULOW-E2 technical brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_3523ec22-569c-43dd-874d-03ccbf086e58
	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_f65456e4-6139-44cf-9d1d-0515ae484ab6
Myson Premium Panel & Designer Radiators	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_3d4bf218-6a5c-42b1-9724-4392ee2b378c

Items

Aitc UK	Global Item Code	Item Description
	F9E2206008010000	
	AZ07MVTWENVAST1SNICK	Twin Entry Valve - Straight
	F9E2206006010000	Type 22 600h x 600w - E2

Aitc UK	Global Item Code	Item Description
	F9E2206004010000	Type 22 600h x 400w - E2
	AZ07MVTWENVAAN1SNICK	Twin Entry Valve - Angled
	F9E2206012010000	Type 22 600h x 1200w - E2
	AZ07MVTWENFANG10	Twin Entry Rev Flow Valve - Angled
	F9E2206020010000	
	AZ07SC15NUTOLI10	15mm Nut And Olive Pack
	F9E2206016010000	
	F9E2206014010000	
	F9E2206018010000	Type 22 600h x 1800w - E2
	F9E2206010010000	
TERFVS	AZ07MVTWENFSTR10	