



ULOW-E2 CONTROLS



ULOW-E2 FANS

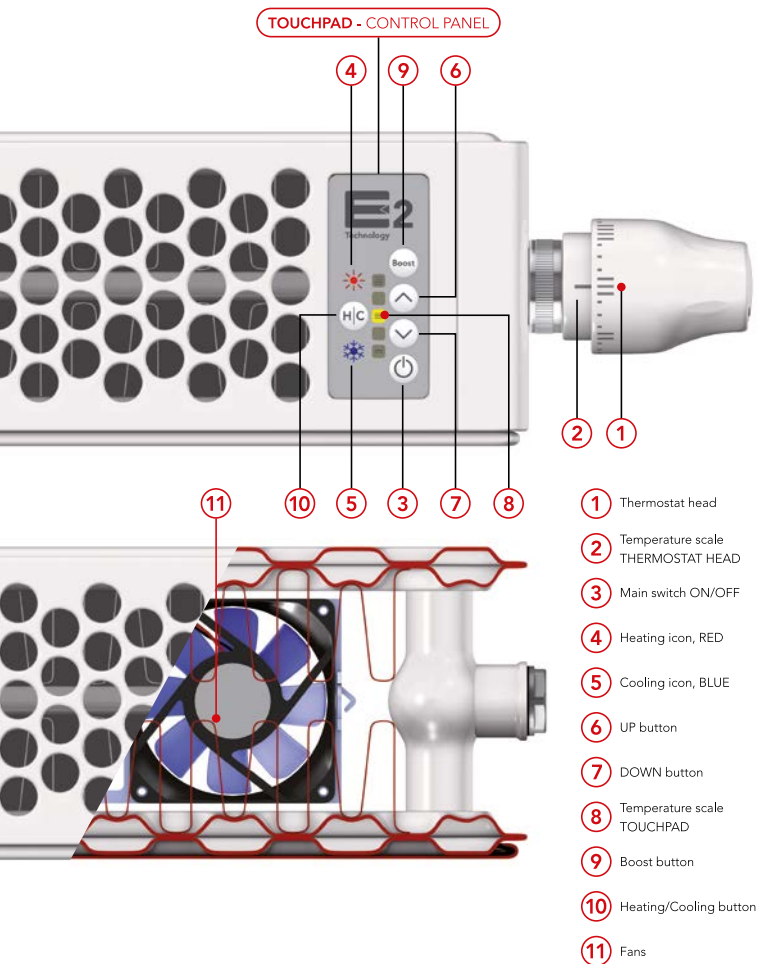
## ULOW-E2

The ULOW-E2 is the ultimate choice when it comes to intelligent, low temperature heating. It uses in-built fans to force convection and produces heat outputs up to 60% more than traditional radiators. It has intelligent controls allowing the fans to work on a sliding scale where the water temperature must be 3°C higher than the set point. It is highly flexible, utilising central connection technology and has a "summer breeze" function for air circulation on warm days.

- The MYSON ULOW-E2 is available in seven sizes
- It is available in one type, double panel with factory fitted top grille and side panels as standard
- It comes in a height of 600mm
- We offer lengths from 400mm to 1600mm
- Also available in black as a special order
- All our ULOW-E2 radiators come with a white E2 TRV (chrome on the black special order)
- Central connection twin entry valve and nut & olive pack supplied separately



PANEL RADIATORS



### Low temperature compatible

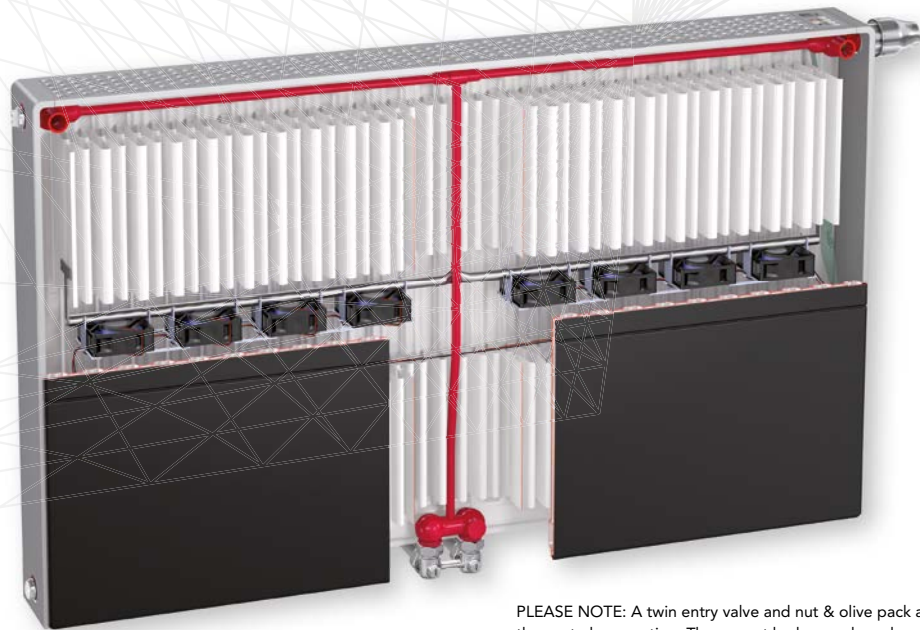
The ULOW-E2 provides enhanced convection via in-built fans. This enables heat sources to operate at their most energy efficient settings. The result is a heating concept that can provide high heat outputs even at lower water temperatures.

### Rapid response heating

Due to its combination of both radiant heat and enhanced convection, plus intelligent controls that automatically switch between static and dynamic operation, the ULOW-E2 provides a rapid heat response even at low water temperatures. Indoor comfort is quickly and efficiently achieved.

### Intelligent controls

The E2 technology automatically and intelligently controls operation of the in-built fans to ensure maximum performance. The intelligence behind the ULOW-E2 means that the fans will only operate when they are required.



PLEASE NOTE: A twin entry valve and nut & olive pack are required for the central connection. These must be purchased separately.



### Central connection technology

The central connection system is easy to install and provides significant benefits. This extremely clever idea gives complete planning and installation freedom. Once in operation it will help the room feel warmer, faster by distributing hot water from the top of the ULOW-E2 downwards.
















### Summer breeze effect

During the summer months the fans from the ULOW-E2 provide gentle air movement to create a pleasant 'summer breeze' effect.

## ULOW-E2

### GENERAL SPECIFICATION & TECHNICAL INFORMATION

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**CERTIFICATION**  
 Manufactured and tested to BS EN 442. Produced under a quality management system - ISO 9001:2008 and environmental management system - ISO 14001:2004.
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**GUARANTEE**  
 2 year guarantee from date of purchase against manufacturing defects.
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**COLOUR**  
 Primer coated and finished in white (RAL 9016). Black (RAL 9005) with grey trim (RAL 9006) available as a special order.
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**ACCESSORIES**  
 Central connection twin entry valve and nut & olive pack are sold separately.
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**SYSTEM**  
 2 pipe pumped indirect domestic and commercial heating applications.
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**CONNECTIONS**  
 4 x G 1/2" internal thread and 2 x G 3/4" external thread, underside centre. Thermostat valve top right (can be swapped to top left).
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**AIR VENTS**  
 Air vent and plug packs are pre-installed.
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**OPERATING PRESSURES**  
 Tested to a pressure of 10 bar.  
 Working pressure of up to 13 bar.
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**OPERATING TEMPERATURE**  
 Maximum 60°C (due to electrical components).
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**ELECTRICAL SUPPLY**  
 220-240V-50Hz.
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**IP RATING**  
 IP14.
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**DELIVERY**  
 Stocked items (white): 2 - 5 working days.  
 Non-stocked items (black): 6 - 8 weeks.
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**VALVES**  
 Supplied with a white E2 TRV as standard (chrome on black special order).

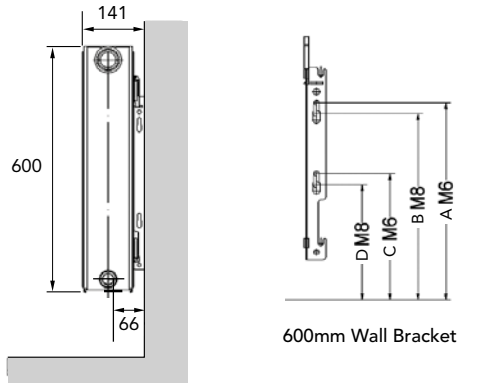
For more general information, please see page 242.

#### WEIGHTS & WATER CONTENTS PER METRE LENGTH, SOUND LEVELS, MOTOR POWER & n-COEFFICIENTS

Model	Nominal Height (mm)	Nominal Length (mm)	Weight (kg)	Water Content (l)	No. of Fans	Sound Pressure (dBA) (at 2.5m)		Power (W)	n-Coefficients		
						Comfort	Boost		Static	Comfort	Boost
ULOW 040	600	400	17.13	2.84	2	20.3	30.7	3.5	1.309	1.197	1.158
ULOW 060	600	600	24.59	4.26	4	22.9	32.6	4.9	1.309	1.197	1.158
ULOW 080	600	800	32.06	5.68	6	24.4	33.7	6.4	1.309	1.197	1.158
ULOW 100	600	1000	39.70	7.10	8	25.4	34.4	7.8	1.309	1.197	1.158
ULOW 120	600	1200	47.16	8.52	10	26.3	35.1	9.3	1.309	1.197	1.158
ULOW 140	600	1400	53.02	9.94	12	26.9	35.6	10.8	1.309	1.197	1.158
ULOW 160	600	1600	62.27	11.36	14	27.5	36.0	12.1	1.309	1.197	1.158

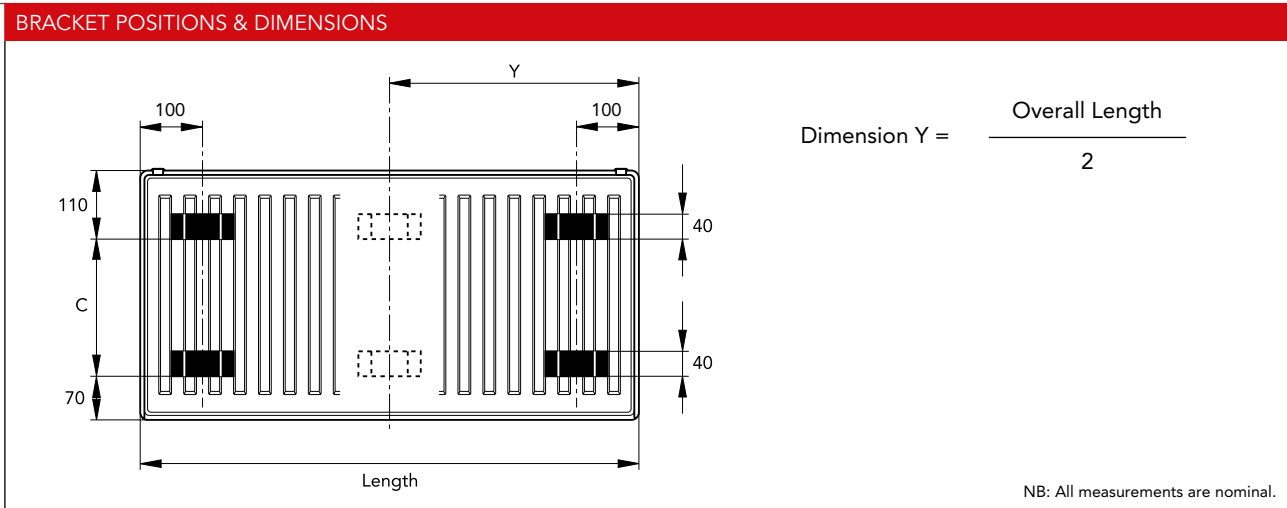
Sound levels tested in accordance with ISO 3741.

#### MOUNTING POSITIONS, DIMENSIONS & WALL BRACKETS

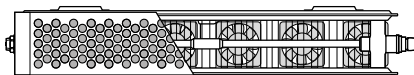


600mm Wall Bracket

Nominal Height (mm)	M8		M6	
	B (mm)	D (mm)	A (mm)	C (mm)
600	438	143	452.5	157.5



### ULOW-E2 Type 22



### HEAT OUTPUTS

Nominal Height	Nominal Length (mm)	Operation Mode	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Colour	Order Code
			Watts	Btu/h	Watts	Btu/h		
600mm	400	Static	616	2102	314	1071	White	ULOW 040
		Comfort	766	2614	430	1467	Black*	ULOW 040 B
		Boost	879	2999	498	1699		
	600	Static	923	3149	471	1607	White	ULOW 060
		Comfort	1151	3927	647	2208	Black*	ULOW 060 B
		Boost	1316	4490	746	2545		
	800	Static	1231	4200	628	2143	White	ULOW 080
		Comfort	1534	5234	862	2941	Black*	ULOW 080 B
		Boost	1757	5995	996	3398		
	1000	Static	1538	5248	785	2678	White	ULOW 100
		Comfort	1917	6541	1077	3675	Black*	ULOW 100 B
		Boost	2194	7486	1244	4245		
	1200	Static	1846	6299	942	3214	White	ULOW 120
		Comfort	2299	7844	1292	4408	Black*	ULOW 120 B
		Boost	2632	8980	1492	5091		
	1400	Static	2153	7346	1099	3750	White	ULOW 140
		Comfort	2682	9151	1507	5142	Black*	ULOW 140 B
		Boost	3073	10485	1741	5940		
	1600	Static	2461	8397	1256	4285	White	ULOW 160
		Comfort	3067	10465	1723	5879	Black*	ULOW 160 B
		Boost	3510	11976	1989	6786		

PLEASE NOTE: ULOW-E2 should be sized based on comfort mode outputs.

N.B. Static mode runs without fans. For BTUs multiply Watts by 3.412. \*Black available as a special order.

### ACCESSORIES

Product	Order Code
Twin Entry Valve (Straight)	E2TEVS
Twin Entry Valve (Angled)	E2TEVA
Twin Entry Reversible Flow Valve (Straight)	E2TERVS
Twin Entry Reversible Flow Valve (Angled)	E2TERVA
Nut & Olive Pack (15mm)	E2NOP15

