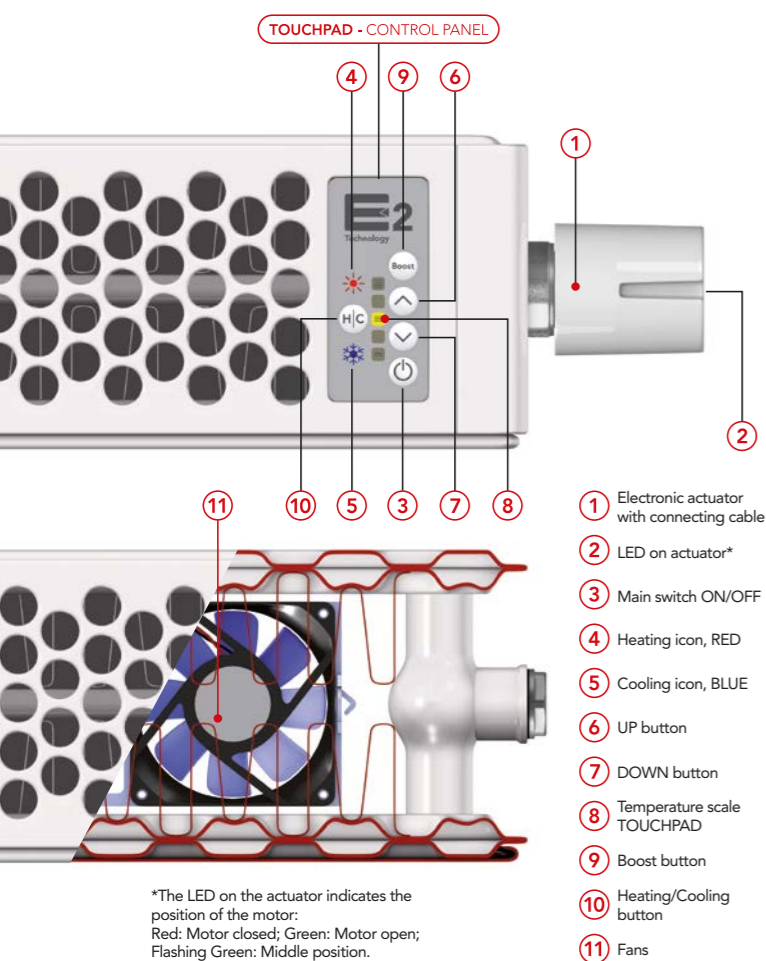




PLEASE NOTE: A twin entry valve and nut & olive pack are required for the central connection. These must be purchased separately.



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.

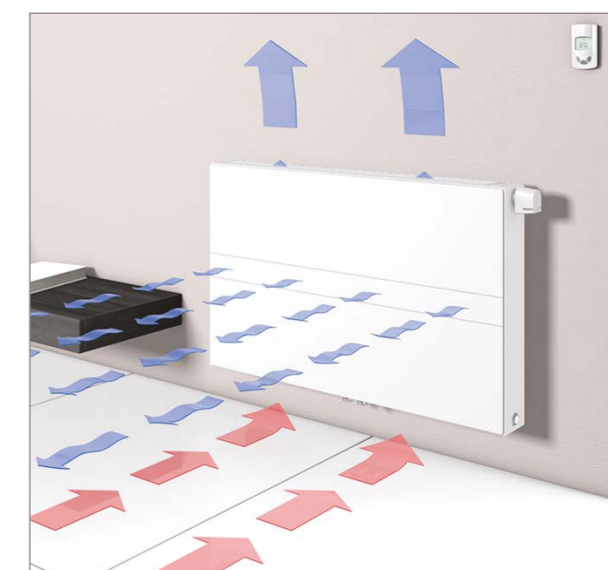
Intelligent controls

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.



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

- CERTIFICATION**
Manufactured and tested to EN 442. Carries the CE Mark and produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - OHSAS 18001. Conforms to the Low Voltage Directive 2014/35/EU and the EMC Directive 2014/30/EU. Sound levels are tested to VDI 2081.
- GUARANTEE**
2 year guarantee from date of purchase against manufacturing defects.
- COLOUR**
Primer coated and finished in white (RAL 9016).
- ACCESSORIES**
Central connection twin entry valve and nut & olive pack are sold separately.
- SYSTEM**
2 pipe pumped indirect domestic and commercial heating applications.
- 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).
- AIR VENTS**
Air vent and plug packs are pre-installed.
- OPERATING PRESSURES**
Tested to a pressure of 10 bar. Working pressure of up to 13 bar.
- OPERATING TEMPERATURE**
Maximum 60°C (due to electrical components).
- ELECTRICAL SUPPLY**
220-240V-50Hz.
- IP RATING**
IP24.
- DELIVERY**
2 - 5 working days.
- VALVES**
Supplied with a white electronic thermostatic actuator as standard.

For more general information, please see page 276.

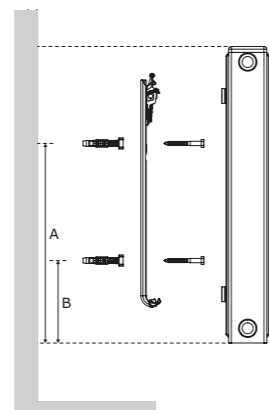
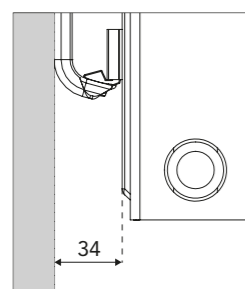
WEIGHTS & WATER CONTENTS PER METRE LENGTH, SOUND LEVELS, MOTOR POWER & n-COEFFICIENTS

Model	Nominal Height (mm)	Nominal Length (mm)	Weight (kg)	Water Content (l)	No. of Fans	Sound Pressure (dBA) (at 2m)		Power (W)	n-Coefficients		
						Comfort	Boost		Boost	Static	Comfort
E2 60 DC 40	600	400	17.13	2.84	2	20.3	30.7	3.5	1.317	1.129	1.112
E2 60 DC 60	600	600	24.59	4.26	4	22.9	32.6	4.9	1.317	1.129	1.112
E2 60 DC 80	600	800	32.06	5.68	6	24.4	33.7	6.4	1.317	1.129	1.112
E2 60 DC 100	600	1000	39.70	7.10	8	25.4	34.4	7.8	1.317	1.129	1.112
E2 60 DC 120	600	1200	47.16	8.52	10	26.3	35.1	9.3	1.317	1.129	1.112
E2 60 DC 140	600	1400	53.02	9.94	12	26.9	35.6	10.8	1.317	1.129	1.112
E2 60 DC 160	600	1600	62.27	11.36	14	27.5	36.0	12.1	1.317	1.129	1.112
E2 60 DC 180	600	1800	69.91	12.78	16	28.0	36.3	13.6	1.317	1.129	1.112
E2 60 DC 200	600	2000	77.37	14.20	18	28.4	36.6	15.0	1.317	1.129	1.112

Sound levels tested in accordance with ISO 3741.

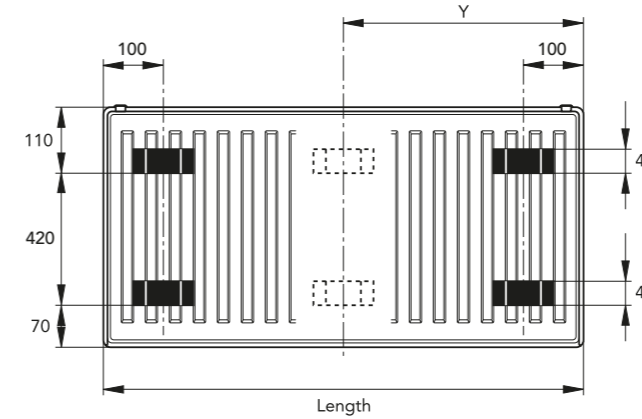
MOUNTING POSITIONS, DIMENSIONS & WALL BRACKETS

Distance from Wall



Nominal Height (mm)	A	B
	(mm)	(mm)
600	435	139

BRACKET POSITIONS & DIMENSIONS

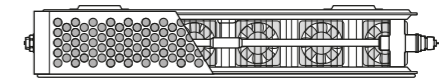


$$\text{Dimension Y} = \frac{\text{Overall Length}}{2}$$

Dimension Y for lengths 1800 and above.

NB: All measurements are nominal.

Type 22



HEAT OUTPUTS

Nominal Height	Nominal Length (mm)	Operation Mode	Heat Outputs @ ΔT 30°C		Order Code
			Watts	Btu/h	
600mm	400	Static	314	1071	E2 60 DC 40
		Comfort	430	1467	
		Boost	498	1699	
	600	Static	471	1607	E2 60 DC 60
		Comfort	646	2204	
		Boost	746	2545	
	800	Static	628	2143	E2 60 DC 80
		Comfort	861	2938	
		Boost	995	3395	
	1000	Static	785	2678	E2 60 DC 100
		Comfort	1076	3671	
		Boost	1243	4241	
	1200	Static	942	3214	E2 60 DC 120
		Comfort	1291	4405	
		Boost	1491	5087	
	1400	Static	1098	3746	E2 60 DC 140
		Comfort	1506	5138	
		Boost	1741	5940	
	1600	Static	1255	4282	E2 60 DC 160
		Comfort	1723	5879	
		Boost	1989	6786	
	1800	Static	1412	4818	E2 60 DC 180
		Comfort	1938	6612	
		Boost	2238	7636	
2000	Static	1569	5353	E2 60 DC 200	
	Comfort	2153	7346		
	Boost	2486	8482		

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

N.B. Static mode runs without fan.

ACCESSORIES

Product	Order Code
Twin Entry Valve (Straight)	TEVS
Twin Entry Valve (Angled)	TEVA
Twin Entry Reversible Flow Valve (Straight)	TERFVS
Twin Entry Reversible Flow Valve (Angled)	TERFVA
15mm Nut & Olive Pack (Copper)	NOP15

