

HRXE-HERA-B

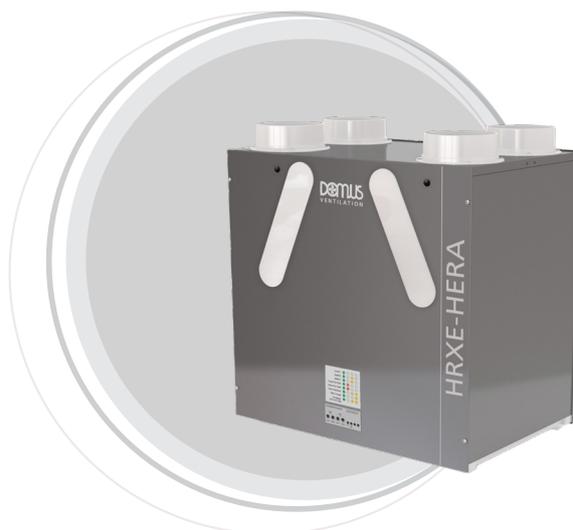


System 4 Mechanical Ventilation with Heat Recovery (MVHR)

All HRXE-HERA-B models have been designed with 100% automatic bypass, listed on the SAP Product Characteristics Database (PCDB).

The HRXE-HERA-B range operate by continuously extracting moisture-laden air from 'wet' rooms within the property whilst simultaneously drawing in fresh, filtered supply air from outside.

The heat from the extracted stale air is recovered via a heat exchanger inside the heat recovery unit which becomes tempered and filtered, before supplied in to the habitable rooms, creating comfortable and well ventilated homes.



Key features

- ▶ The heat exchanger block within these units can recover up to 95% of the normally wasted heat. The two independent fans have full-speed control for background and boost ventilation rates.
- ▶ The HRXE-HERA-B range has a Summer bypass function. In warmer months this function automatically activates to ensure the property is being well-ventilated and comfort levels are maintained in the home by continuously drawing in fresh filtered air into the habitable rooms.
- ▶ Due to its intelligent design, there will be no reduction in airflow when operating in bypass mode resulting in enhanced performance.
- ▶ Designed to provide optimised balanced (supply and extract) mechanical ventilation with heat recovery and both listed on the PCDB.
- ▶ Weight: 20kg.

Codes	Description
HRXE-HERA-B	Standard unit with 100% bypass
HRXE-HERA-OP-B	Opposite handed unit with 100% bypass
HRXE-HERA-H-B	Standard unit with 100% bypass inc. humidistat
HRXE-HERA-OPH-B	Opposite handed unit with 100% bypass inc. humidistat

Accessories

Code	Description
HRXE-HERA-AV	Anti-Vibration tray suitable for all HRXE-HERA models
297	Condensate Drain Kit for all HRXE-HERA models
SPR428	Replacement filters (pair)

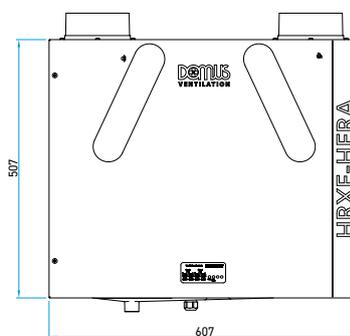
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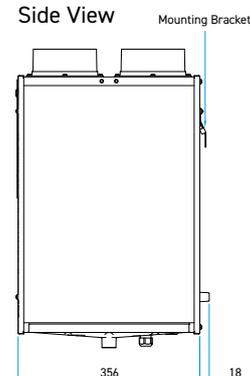
Dimensions (mm)



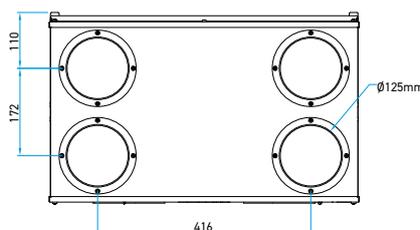
Front View

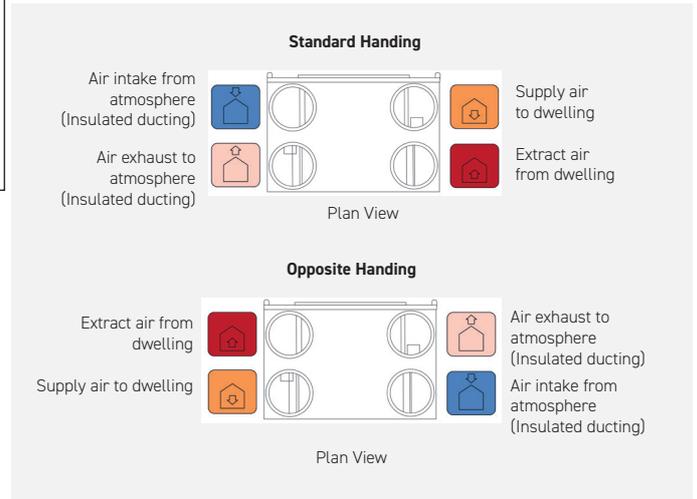
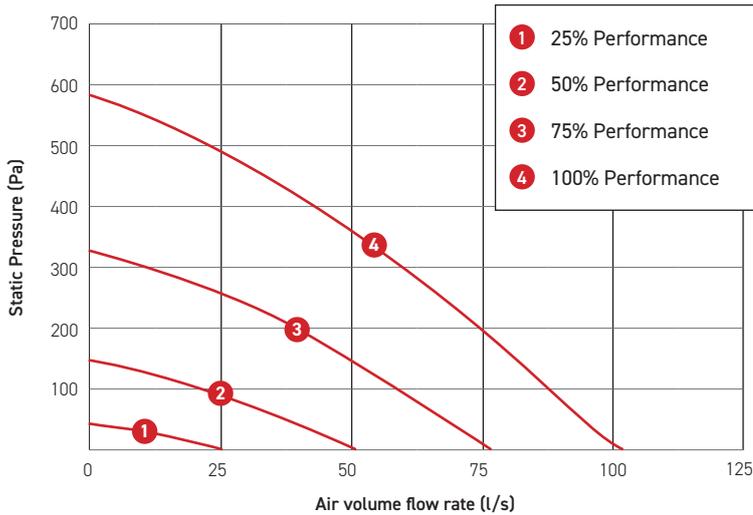


Side View



Top View





HRXE PRODUCT CHARACTERISTICS DATABASE (SAP 2012 TEST RESULTS)

Application	Specific Fan Power (W/l/s)	Heat Exchange Efficiency	Energy Saving Trust Best Practice Compliant
Kitchen + 1 Wet Room	0.55	90%	Yes
Kitchen + 2 Wet Room	0.65	89%	Yes
Kitchen + 3 Wet Room	0.80	87%	Yes
Kitchen + 4 Wet Room	1.01	86%	Yes
Kitchen + 5 Wet Room	1.20	86%	Yes

BREAKOUT SOUND PERFORMANCE

Curve	Max Power Consumption (W)	Measurement Type	Sound Power Levels dB re 1pW (Frequency Hz)								dBA @3m
			63	125	250	500	1k	2k	4k	8k	
1	2.3	Open inlet	38	36	41	37	29	21	<16	<16	18
		Open outlet	38	43	47	49	45	39	26	<16	
		Breakout	37	39	39	37	28	20	<16	<16	
2	19	Open inlet	40	39	50	44	37	31	<16	<16	27
		Open outlet	48	54	55	58	53	50	39	27	
		Breakout	43	48	46	46	37	32	17	<16	
3	62	Open inlet	42	44	57	51	44	40	26	17	34
		Open outlet	54	61	62	65	61	59	49	39	
		Breakout	51	56	52	53	44	40	27	16	
4	148	Open inlet	45	49	59	55	48	44	31	24	38
		Open outlet	55	63	66	69	66	63	54	45	
		Breakout	58	58	56	57	48	44	31	22	

Note: dBA is hemi-spherical at 3 metres. For spherical deduct 3 dBA.

Please note that the noise data stated on this data sheet for the unit and/or silencer is tested in accordance with UK, European and International industry laboratory standards. However onsite conditions may vary and we would recommend that this information is verified by an acoustic specialist in order to ensure its suitability for the intended application.

5 year warranty*. *First year parts and labour

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Domus Ventilation | Climate House, Western Industrial Estate, Caerphilly, CF83 1BQ, UK

