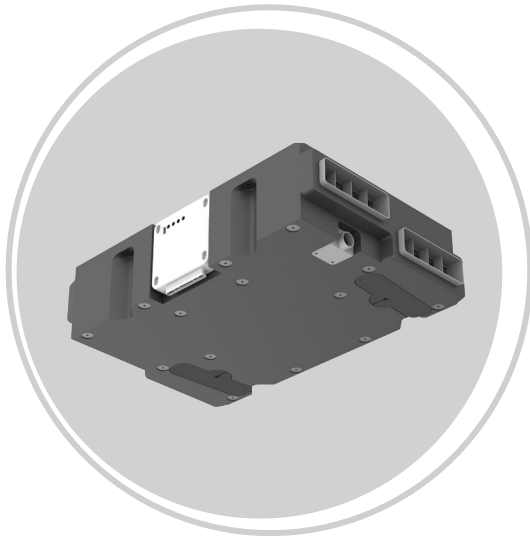
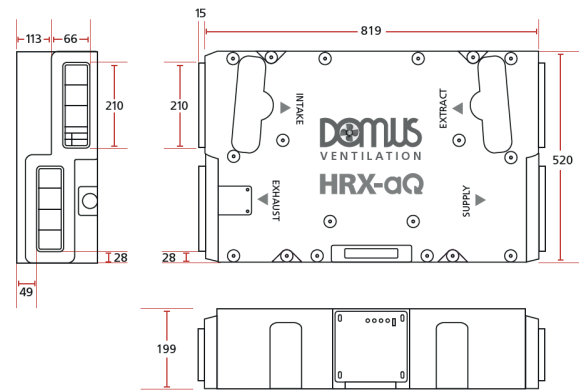


HRX-aQ

MECHANICAL VENTILATION WITH HEAT RECOVERY (MVHR)



Dimensional drawing



Measurements in mm

Weight: 7.9Kg (1.2st)

Efficient

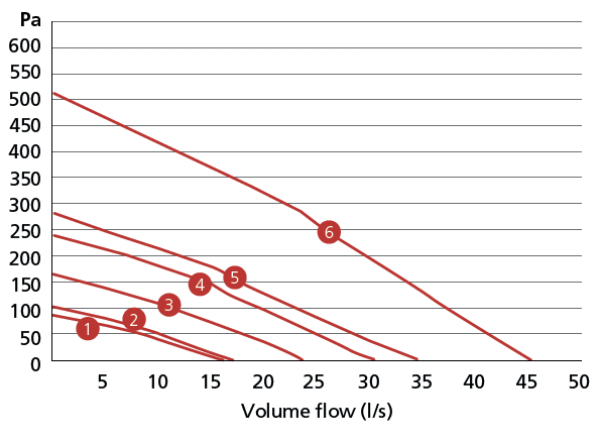
Ultimate performance

Whilst the HRX-aQ is the most compact MVHR ceiling unit, its energy efficient performance has not been comprised. Providing Specific Fan Powers as low as 0.72 (W/l/s) and a heat exchange efficiency up to 87%, the unit will efficiently lower Dwelling Emission Rates for a higher SAP rating.

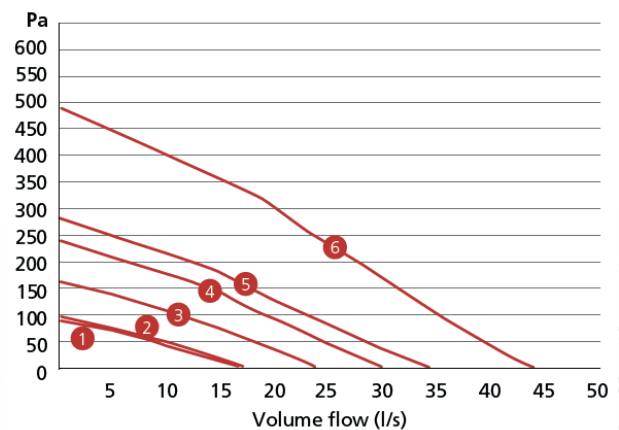
Key

- | | |
|--------------------------|---------------------------|
| 1 30% Performance | 4 60% Performance |
| 2 33% Performance | 5 70% Performance |
| 3 50% Performance | 6 100% Performance |

AQH200-S



AQH200-B



Note: Specific Fan Power combined with heat exchange efficiency is how MVHR units are measured and used towards calculating overall system performance.

SOUND

Performance - HRX-AQ										
Speed setting	Test	Sound Power Levels dB re 1pW								Sound Pressure dB(A) 3m
		63	125	250	500	1K	2K	4K	8K	
99%	Open inlet	42	38	45	55	45	37	29	21	-
	Open outlet	45	46	57	69	59	57	54	47	-
	Breakout	49	57	55	59	51	44	42	33	41
70%	Open inlet	46	35	49	40	38	28	19	9	-
	Open outlet	40	43	62	52	50	47	42	34	-
	Breakout	43	49	55	53	41	36	32	21	35
50%	Open inlet	48	31	47	34	32	21	11	-	-
	Open outlet	*	38	56	47	44	41	33	25	-
	Breakout	48	44	53	46	36	30	24	11	30
33%	Open inlet	42	34	38	29	26	14	3	-	-
	Open outlet	*	*	49	41	37	32	22	16	-
	Breakout	46	40	47	40	32	27	17	3	24

HRX-aq PRODUCT CHARACTERISTICS DATABASE (SAP 2012)			
	Thermal Bypass	Specific Fan Power W/(l/s)	Heat Exchange Efficiency (%)
AQH200-S			
Kitchen + 1 wetroom	✗	0.72	87
Kitchen + 2 wetrooms	✗	0.88	84
AQH200-B			
Kitchen + 1 wetroom	✓	0.75	83
Kitchen + 2 wetrooms	✓	0.95	81

The breakout case-radiated dBA values are given for Hemispherical free field radiation at 3m - to obtain the Spherical radiated data, subtract 3 dBA. *Noise not normally heard by the human ear.

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