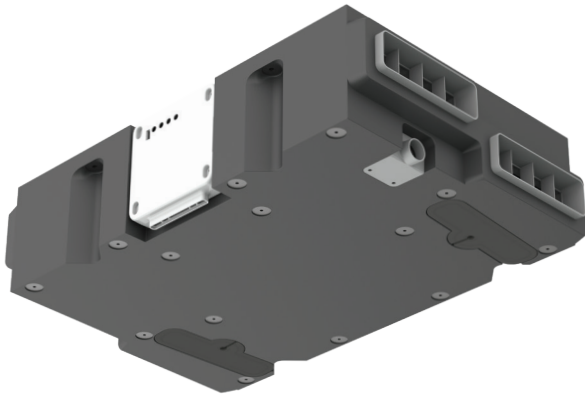


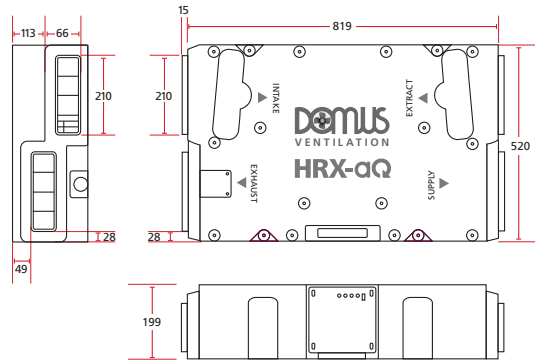
Mechanical Ventilation with Heat Recovery (MVHR)

HRX-aQ



Dimensional drawings

AQH200 models



Measurements in mm

Weight: 7.9Kg (1.2st)



Efficient

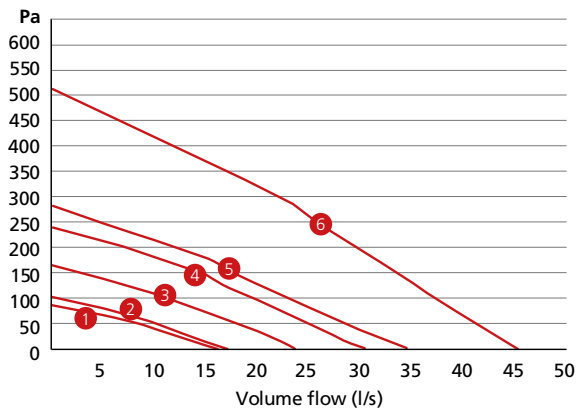
Ultimate performance

Whilst the HRX-aQ is the most compact MVHR ceiling unit, its energy efficient performance has not been compromised. 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.

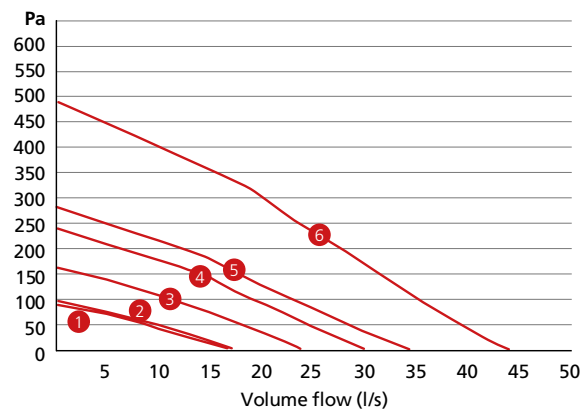
Key

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

BREAKOUT SOUND PERFORMANCE

Speed Setting	Sound Power Levels dB re 1pW								Sound Pressure (dB(A) @ 3m)	Flow Rate (l/s)	Pressure (Pa)	Power (W)
	63	125	250	500	1000	2000	4000	8000				
AQH200-S										Test – Duty Points		
AQH200-S										AQH200-S		
100%	46	55	54	62	53	44	41	34	44	38	96	52
70%	40	50	54	50	42	39	34	21	34	27	47	22
50%	*	46	53	43	38	37	31	12	30	21	28	15
33%	*	41	46	39	34	35	26	6	25	15	16	10
AQH200-B										AQH200-B		
100%	49	57	55	59	51	44	42	33	41	37	83	52
70%	43	49	55	53	41	36	32	21	35	27	40	20
50%	48	44	53	46	36	30	24	11	30	21	23	15
33%	46	40	47	40	32	27	17	3	24	15	13	10

HRX-aQ PRODUCT CHARACTERISTICS DATABASE (SAP 2012)

	Thermal Bypass	Specific Fan Power (W/l/s)	Heat Exchange Efficiency (%)
AQH200-S			
Kitchen + 1 wet room	✘	0.72	87
Kitchen + 2 wet rooms	✘	0.88	84
AQH200-B			
Kitchen + 1 wet room	✔	0.75	83
Kitchen + 2 wet rooms	✔	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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