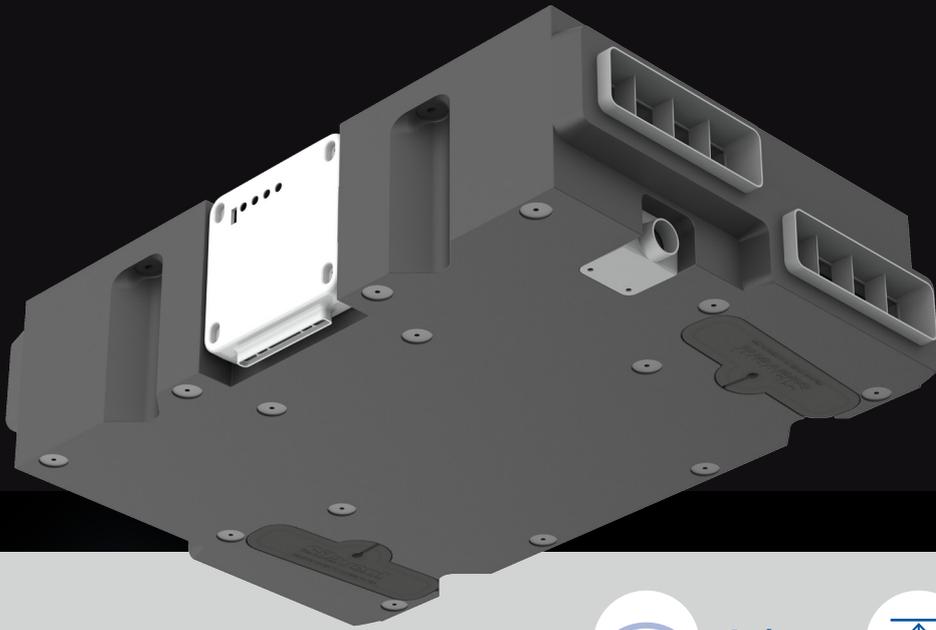


HRX-aQ Intelligent air solutions



Introducing Polypipe's new and highly efficient Silavent HRX-aQ - the most compact and intelligent void mounted MVHR ceiling unit in the market.



Quiet



Compact



Efficient

General features	Benefit	User appeal
The most compact and lightweight MVHR unit (down to 200mm deep and 7.9kg in weight)	Versatile to design-in and easy to install without compromising on efficiency	Saves time on installation and design
Backward curved EC fans for a lower Specific Fan Power down to 0.67W(l/s)	Quiet and efficient in operation Lowers Dwelling Emission Rate (DER)	Low energy consumption with minimal noise Enables a higher SAP rating
Sound absorbing EPP moulded body	Lightweight and quiet in operation	Easy install with minimal breakout noise
Features offset 204x60mm sockets	Allows ducts to cross in tight spaces	Easier to install and design
Horizontal ceiling installation	Easily fits tightly to the slab	Saves space in both design and install
Includes G3 filters	Provides fresh, filtered air	Helps remove airbourne pollutants for healthier air quality
Counter flow heat exchanger options provide higher efficiencies	Solutions available to suit various design and cost requirements Offers a heat exchange efficiency up to 88% at typical installation	Offers choice and flexibility
'Total Heat' Energy Recovery Ventilation (ERV) models available	Recovers sensible AND latent heat Removes the need for a condensate drain	Improves air quality, humidity and indoor air temperature Simpler design and quicker to install
Costs effective solution	Lower installed cost	Lower project costs



The HRX-aQ aims to customise heat recovery by also including features such as wireless control, night time cooling, delay on timer, auto frost protection and intelligent summer bypass.

Through advanced AMIE technology (Air Management for Indoor Environments), the Bluebrain controller not only offers simple pre-programmed functions, but also allows for straightforward commissioning.



Bluebrain control features	Benefit	User appeal
Power-on & fault indicators	Easily identifies current operation	Easier controllability for a user friendly system
Status indicator i.e. bypass	Simply identifies current status	
BMS functionality	Provides volt free fault and filter cleaning indicators	Allows remote maintenance and better control
Independent fan speed control	Allows the system to be optimally balanced	Enables accurate system set up and optimum comfort levels
3 variable speeds	Allows trickle, boost and full speed to be selected	Provides easy commissioning with user flexibility
Frost protection	Protects the heat exchanger during colder periods	Safeguards system from frost damage
Built-in humidistat	Maintains healthier air quality	Ensures fresh clean, balanced air for an improved indoor environment
Run-on boost	Allows higher flow rates to remove unwanted pollutants	
Delay-on boost	Prevents the unit switching to boost during inappropriate periods	Minimal noise levels are maintained during restful periods
Discreet run-time monitor	Provides evidence of use and therefore improved control in RMI applications	Effective, controllable solution for FM providers and landlords
Pre-commissioning filter protection bags	Avoids dust and other on-site pollutants from damaging the filters	Prevents performance from being impaired
Lockable commissioning mode	Allows air flow rates not to be altered User has control over parameters but not set rates	Maintains clean and fresh air quality
Features an LCD display	Easy to read, with a contemporary design	User friendly functionality to aid homeowners operation
Optional wireless control with ERV models	Makes installation simple, whilst reducing wiring Allows the controller to be mounted anywhere in the dwelling	Saves time and cost on-site Offers flexibility for the homeowner



To download Installation and Operating instructions, visit www.bluebrain.co.uk/downloads

