



HR85 Model



HR95 H Model



HR95 V Model



HRFL II Model

Therm

MVHR Range

Therm-X is a compact, packaged, plug and play solution offering fresh air ventilation with heat recovery in horizontal or vertical installations with airflows up to 2.06m³/s.

- Heat recovery efficiency of up to 93%
- Exceeds ErP 2018 requirements
- Optional Heating or Cooling coils
- Electric, LTHW, DX or CHW coils
- BMS via BACnet IP or MODBUS RTU/TCP
- Achieves SFP of < 1.5 W/l/s
- Near silent operation (<30 dB(A) @ 3m)
- 'Plug & Play' installation with integrated controls
- 'Choose & Go' software for accurate selections

The Therm-X MVHR range is ideal for small commercial applications, schools, retail, leisure, restaurants and offices.

Benefits for all



The Therm-X range has optional integrated heaters such as; electric pre-heater and electric, LPHW, CHW or direct expansion (DX) post heater/cooling; as well as an extensive range of complimentary ancillaries for installation and control. All units are supplied with intuitive, inbuilt, BACnet IP or MODBUS RTU/TCP compatible touchscreen controls.

For the consultant



Technical versatility

Designed to provide perfect comfort and the highest energy efficiency for a broad range of applications.



Ecodesign & Part L compliant

Fully conforming to the requirements for Part L of UK building design regulations and the European ecodesign directive.

For the installer



'Plug & Play' philosophy

All Therm-X products are designed around ease of install and simplified commissioning.



Tested, reliable performance

Units undertake a stringent set of tests to the relevant European and International Standards in an accredited laboratory to ensure performance.

For the end user



'Clean and comfortable climate

F9 class filtration, temperature control and monitoring of indoor pollutants ensure high indoor air quality.



Energy savings

The Therm-X MVHR range boasts a high overall heat recovery efficiency of up to 93% providing year-round space heating and cooling energy savings. The intelligent control system self-optimises the unit mode to reduce heat losses and select the most economical operation.



Efficient, quiet operation

Next generation EC fans and acoustically optimised casing deliver near silent operation. IE4 efficient motors further increase energy efficiency.



Intelligent, user friendly controls

The handheld controller supplied with every Therm-X MVHR system offers easy control. It allows real time monitoring of the operation of the unit and is fully customisable with different levels of user access.

Choose your model



HRFL II



For ceiling voids or exposed ceilings with high efficiency plate heat exchanger

HR85






For free standing installation with high efficiency rotary heat exchanger

HR95



For free standing installation with high efficiency plate heat exchanger

Internal installation	Internal installation (external w/optional weather roof)	External/internal installation
Four models up to 0.52m ³ /s @ 200Pa ESP	Eight models up to 2.06 m ³ /s @ 200Pa ESP	Four horizontal models up to 0.92 m ³ /s @ 200Pa ESP
Slim design (310mm height in 040 and 070 sizes)	Six models with top connections up to 1.15 m ³ /s @ 200Pa ESP	Six vertical models up to 1.42m ³ /s @ 200Pa ESP
Heat recovery efficiency up to 93%	Heat recovery efficiency up to 85%	Heat recovery efficiency up to 93%
30mm thick galvanised construction	50mm thick galvanised frameless construction and powder paint finish for corrosion protection	
Access panels powder coated suitable for exposed installation	T3/TB4 (MB) thermal performance class to BS EN 1886:2007	
Designed in line with the Passive House Institute certification criteria	L1 (MB) casing leakage class to BS EN 1886:2007	
F7 (ePM2.5 50%) supply and M5 (ePM10 50%) extract filters F9 (ePM2.5 80%) optional filter VDI Certified	M5 (ePM10 50%) supply and extract filters F7 (ePM2.5 50%) optional filter	G4 (ePM coarse) and F7 (ePM2.5 50%) supply filters, G4 (ePM coarse) extract filter
Bottom access	Side access as standard	Top or side access
Integrated epoxy coated condensate drain tray	Condensation rotary heat exchanger	Integrated epoxy coated condensate drain tray
Hinge and handle panels for facilitated maintenance	Handled panels for facilitated maintenance	Top access panels supported by hydraulic support strut
		

The Therm-X MVHR range offers smart, integrated, modular control:

- Room temperature sensor
- Full-colour touchscreen controller with an intuitive,
- Complete ventilation control with several operational modes
- Exact temperature control including automatic free-cooling
- Control of external shut-off dampers, electric or water duct mounted heaters
- Integrated safety features
- Filter monitoring
- Commissioning and maintenance features
- BMS communication via BACnet IP or MODBUS RTU/TCP

