



# Therm-X HRFL

Compact, efficient, heat recovery & ventilation

- High heat recovery efficiency of up to 93%
- Exceeds ErP 2018 requirements
- Achieves SFP of 1.5 W/l/s
- Available in 3 sizes up to 0.66 m<sup>3</sup>/s
- Low unit height enables reduced ceiling void depths
- Near silent operation (<30 dB(A) @ 3m)
- BMS communication

Designed for installation in ceiling voids, the Therm-X is a compact, packaged solution offering fresh air ventilation with heat recovery.

Highly efficient, with near silent operation, the Therm-X complies with the increasingly stringent requirements for ventilation systems installed in ceiling voids, and integrated controls ensure its most economical operation.



ErP Compliant

2016 & 2018



# What the Therm-X HRFL offers



## Reduced ceiling void depths

With room space at a premium, the Therm-X HRFL offers a choice of 3 low unit height options (350mm, 390mm, 480mm) enabling reduced ceiling void depths.



## Technical versatility

The Therm-X HRFL is designed to provide perfect comfort and the highest energy efficiency for a wide range of commercial applications from shops to offices, and restaurants to sports centres.

To fit different demands it is available in 3 sizes up to 0.66 m<sup>3</sup>/s. You can also equip the Therm-X HRFL with a pre or post heater, F7 filter and a number of other ancillaries are available for enhanced control and facilitated installation.



## Hassle-free maintenance

Full maintenance access to all the unit compartments is available through the bottom panels. The control panel is installed in an easily accessible enclosure located on the outside of the unit.

A smooth and crevice free interior enables easy cleaning.



## Quiet operation

Next generation EC fans and acoustic designed casing provide a near silent operation, perfect for achieving stringent acoustic targets in many commercial and service applications.



## A uniform, clean and comfortable climate

Suitable for ambient temperatures ranging from 5 to 40°C (-20 with pre-heater), the Therm-X HRFL provides a constant and comfortable temperature, while ensuring high indoor air quality thanks to the standard class M5 supply filter.



## Energy efficient

The Therm-X HRFL incorporates backward curved EC fans as standard to further increase its energy efficiency and reduce noise levels. The Therm-X HRFL also boasts a high overall heat recovery efficiency of up to 93% - exceeding ErP 2018.



## Fully compliant

The Therm-X HRFL is fully compliant with the requirements for the UK Building Regulations (SFP < 1.9 W/l/s) and the European Eco-design directive.



## State-of-the-art plug and play integrated controls

Integrated controls ensure the Therm-X HRFL self-optimises so as to achieve minimum heat losses and selects the most economical operation.

Via a remote controller with touch screen display, a number of operational parameters can be adjusted manually. These include time scheduling and airflow and temperature control.

BMS integration is also possible by connecting the unit controls through a Modbus RTU protocol allowing full control and monitoring of the unit.