

SysReco



Clean air is a significant consideration in modern building design. Over the last 100 years, structures have become more and more efficient or “airtight”. An airtight building can be like a thermos bottle when it comes to heat loss. Without proper planning, super-efficient buildings can cause occupant discomfort and impede productivity from a lack of O² or build up in contaminants such as excess CO², and or VOCs. Consequently, it’s essential to ensure indoor air quality in addition to conditioning the ambient air.

AC systems alone are unable to carry fresh air into a building and cannot provide a comfortable indoor environment without additional air handling components. To achieve zero-net-energy buildings, ventilation systems with heat recovery should be selected wherever possible for maximum efficiency and to supply consistent fresh air.

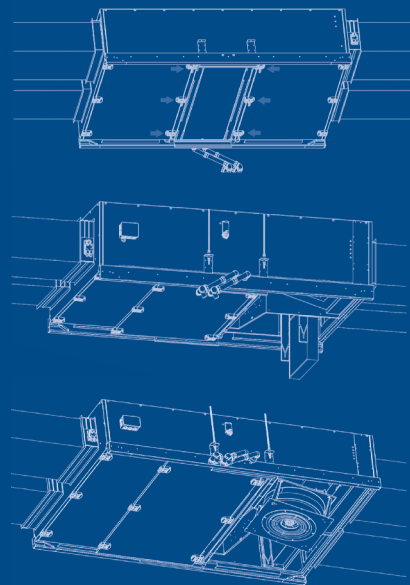


Overview

- Eight models from 100 l/s to 1400 l/s
- 25mm double skinned panels
- Rockwool insulation
- Stainless steel drain pan
- Available in 3 heights
 - 390mm
 - 535mm
 - 675mm
- Mounts on a standard rail system for simplified service and maintenance
- EUROVENT cross-flow plate heat exchanger
- EC fan
- G4 filters

Available upgrades

- M5/F7 filters
- By-pass damper
- Cooling and heating coil
- Duct style water cooling coil optional
- Extended controls



- Optional integrated hot water coil
- Precise temperature control via 0-10V proportional control valves and the embedded control panel

- High-efficiency cross-flow aluminium heat recovery exchanger

- Unique filter tightening mechanism reduces filter by-pass leakage
- G4 filters standard
- Upgraded F7 supply and M5 exhaust filters are available

- Two easy to access inclined stainless steel drain pans

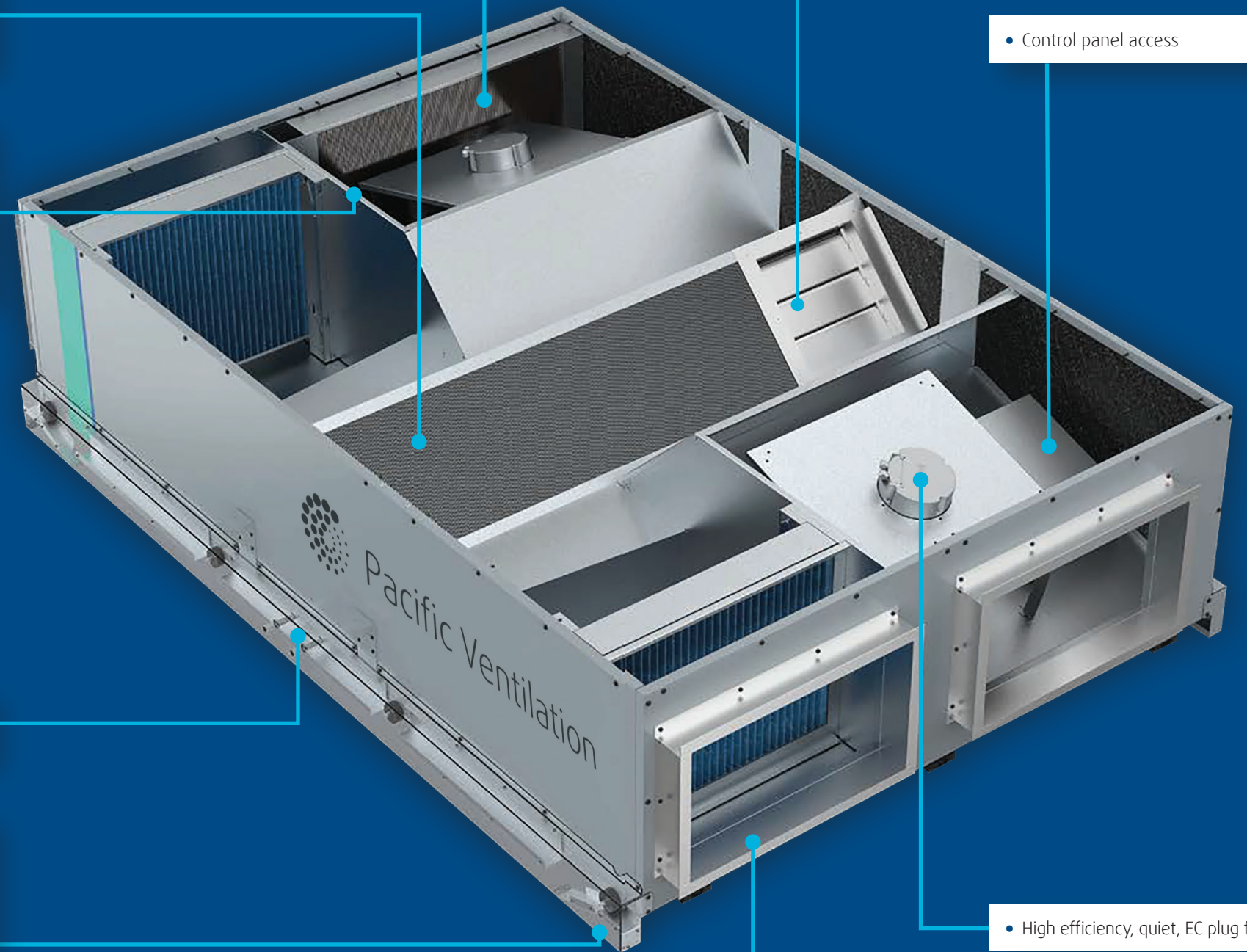
- Large sliding service doors located underneath the unit
- Drain pans, filters, fans, and the control panel are removed or accessed downward through the sliding service doors
- Mountable in a space equal to its size, the unit requires no additional clearance beside the unit

- Optional by-pass damper for frost protection and free cooling
- When a by-pass damper is ordered, the damper actuator is pre-mounted and connected to the control unit

- Control panel access

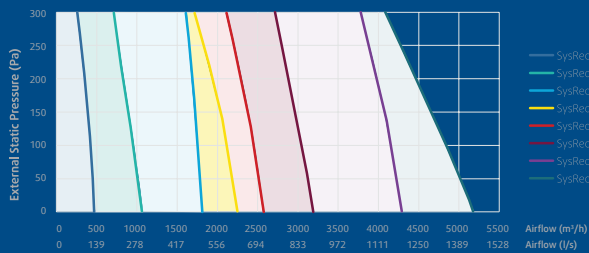
- High efficiency, quiet, EC plug fan

- Optional additional dampers on the fresh air and exhaust sides



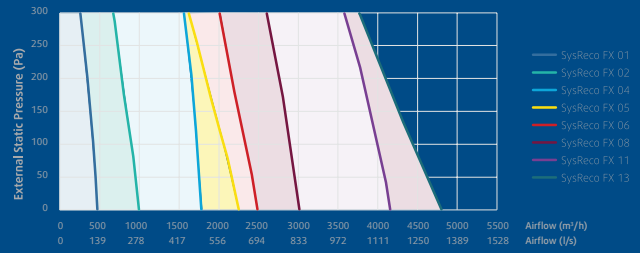
Quick selection curves

SysReco FX G4



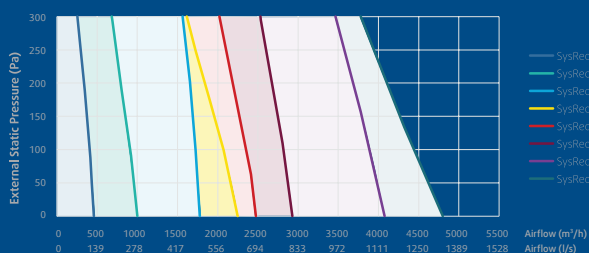
*Unit curves have been created using test results with clean filter conditions for standard models with G4 filters.

SysReco FX F7



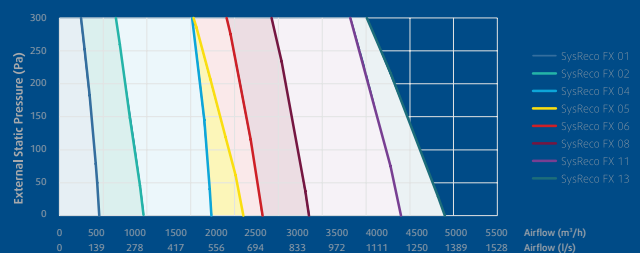
*Unit curves have been created with test results under clean filter conditions for standard models with F7 filters.

SysReco FX H G4



*Unit curves have been created using test results with clean filter conditions for integrated hot water coil models with G4 filters.

SysReco FX H F7



*Unit curves have been created with test results under clean filter conditions for integrated hot water coil models with F7 filters.



We are the safe choice.



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