HIGH HEAT TRANSFER EFFICIENCY

LUFF-P is a residential heat recovery unit which has efficient components with user friendly software & compact casing. It has three model between 225-450 m3/h air flow range. Unit has two by-pass dampers so it's easily left/right exchangable.

Control & Accessories

- **SENSOR**
  - Wireless CO_2 sensors & Wireless RH sensors.
  - Also wired RH sensors can be used for average RH of indoor air.

- **PANEL**
  - Four button panel where the user can select ventilation speeds.
  - The panel also has an LED to provide status feedback and to indicate if a an error is present in the unit.

- **PANEL WITH HMI (ALTERNATIVE)**
  - It has a display which contains a service menu that can be used to adjust settings.

+ OPTIONAL FEATURES

- Zone control
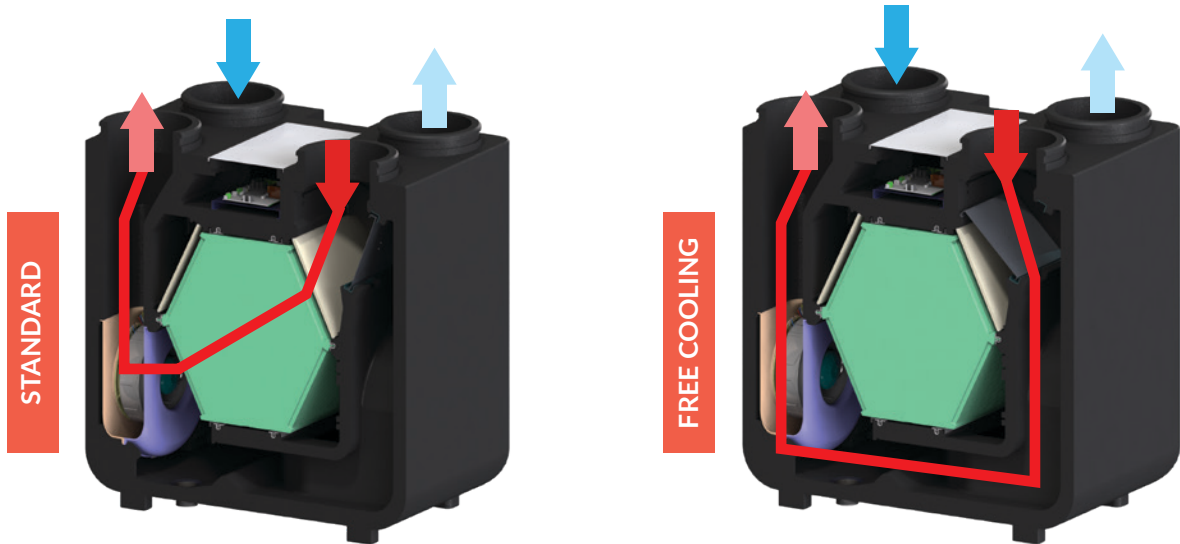- Integrated electrical preheater
- Two dampers

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TECHNICAL SPECIFICATIONS

Model	Weight (Kg)	Width (mm)	Length (mm)	Height (mm)	Air Flow (m3/h)	Duct Pressure (Pa)	HR Efficiency @ Nominal Flow	Fan Power Input (Watt)
Model 1	18	400	600	760	225	140	86.4 %	51.5
Model 2	22	525	705	700	325	150	87.3 %	65
Model 3	22	525	705	700	450	200	84.6 %	113

STANDARD

FREE COOLING

FREE COOLING

LUFF-P units have full by-pass ventilation as standard. During by-pass ventilation, no heat transfer occurs between exhaust and fresh air stream. In transition periods, by-pass module helps to cool down (free-cooling) and heat up (free-heating) the building.

STANDARD FEATURES

REDUCED INSTALLATION TIME

Thanks to user friendly software, air flow can be set easily.
In standard, the unit is offered with one by-pass damper. As an option, two dampers can be mounted in the unit so that left/right can be reversed from automation.

Heat Exchanger efficiency
Up to 90%

Filters
Coarse 65% (G4) with cardboard frame. Dirty Filter Alarm: flashing the middle light.

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