

Free V230

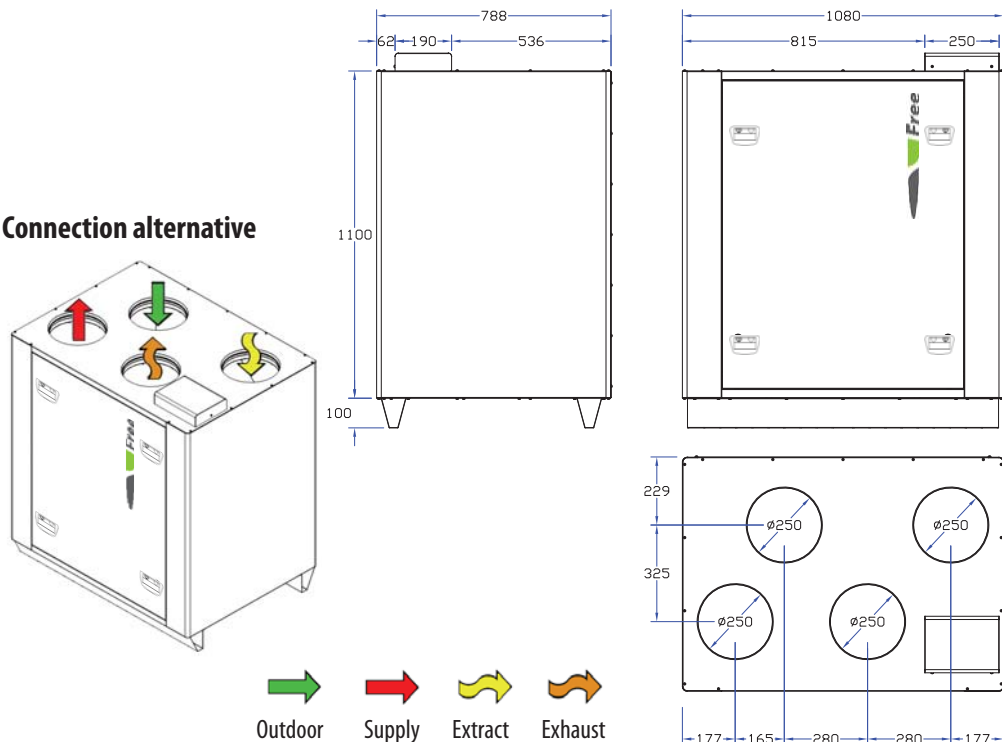
Full-function energy recovery air handling unit with integrated control system.
Optimized for high efficiency, low noise, easy installation and use.



- Recovers and saves energy for both heating and cooling, effective cost reduction
- Compact size and low noise, saves space and wider choice of placement
- Easy to install and use with smart unique Comfort panel
- Cooling and heating available as option, built in functions ready to be activated
- Suitable for domestic, boutiques, small offices or decentral ventilation
- Developed and manufactured in Sweden

Measures

Connection alternative



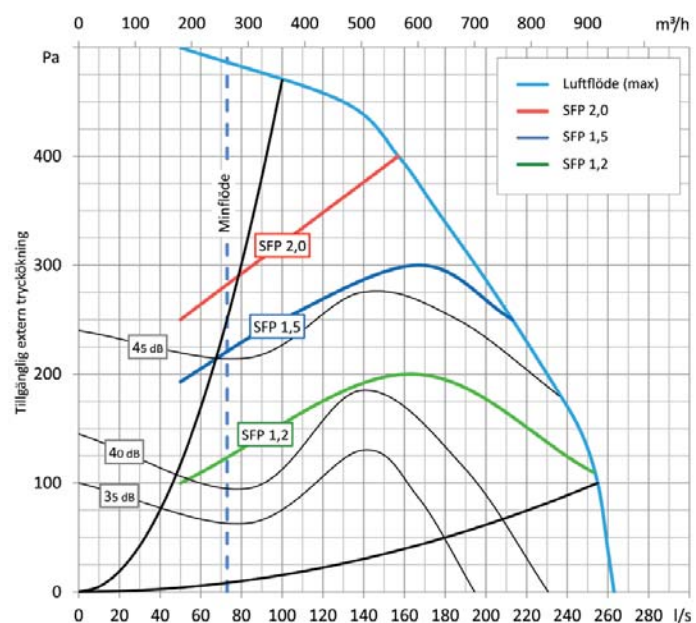
Low noise & discreet design makes it possible to install the units visible and near work & utility areas. Applications are smaller premises such as offices, day care centers, residential properties, shops, conference rooms, and the like. Well suited also for cooling and reheating. Controls are ready to activate and equipment for cooling and heating are available. Top connection where space is limited laterally.

Advantages

- One unit for all purposes
- Easy to add features & quick to install
- Minimal construction dimensions
- Easy to connect to duct and room for silencers and/or insulation
- Separate installer level in control system
- Easy to set up, precise and individual flow setting
- Adjustable Min & Max limit for flow and temp levels
- Smart Winter Adjustment Function, - No extra heating needed down to -20°C
- Remote Reduce exhaust, - Works with cooker hood & fireplace
- Demand control via external high / low speed
- Automatic energy saving mode via burglar alarm
- Automatic stop at the fire alarm
- External stop

Technical data	FREE-V230
Electrical supply	1~ 230V 50Hz
Fuse	10 A
Power total	378 W
Max load	2,69 A
Fan, type	B-wheel/EC-motor
Filterklass supply/exhaust	F7/F7
Filter size BxHxD	680x315x45 mm
Weight	177 kg
Duct connection	4x Ø250, muff
Recovery	Up to 89 %
Casing	White RAL9010
Korrisionsklass inv/utv	C3/C4
Leackage klass	L2
Connexion cooker hood	No
Comfortpanel	Yes
Electrical heater (duct)	Optional 900W / 1200W
Water heating coil (duct)	Optional
Water cooling coil (duct)	optional
Exhaust air quality	+15/+40°C, Max 25% RH at -20°C Out
Outdoor air quality	-20°C / 99% RH
Supply air	Adjustable +15/+25°C
Surrounding conditions unit	+5/+45°C max 80% RH
Surrounding conditions Comfortpanel	+10/+40°C max 80% RH
Sealing klass	IP21

Air flow diagram



Explanation to diagram:

- Blue line: Max airflow in relation to external pressure
- Blue stroked line: Min airflow in normal mode
- Grey line: Sound level db (A) to surroundings (calculated)
- Black line: Recommended work area max
- Green, Blue, Red line: SFP in relation to airflow and pressure



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Reservation for product development