

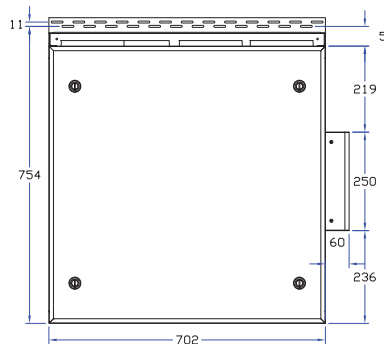
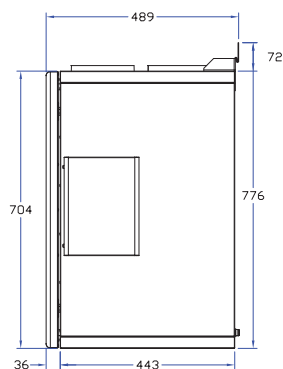
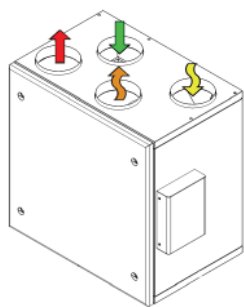
Free V90

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

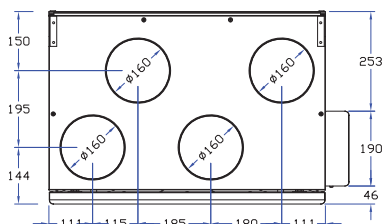
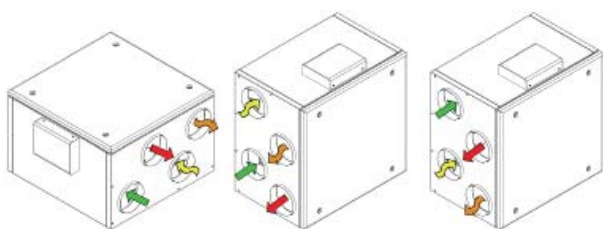


- Fresh, healthy and clean indoor climate 365 days per year
- Recovers and saves energy for both heating and cooling, effective cost reduction
- Compact size and low noise, saves space and wider choice of placement
- Easy to install and use with smart unique Comfort panel
- Cooling and heating available 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

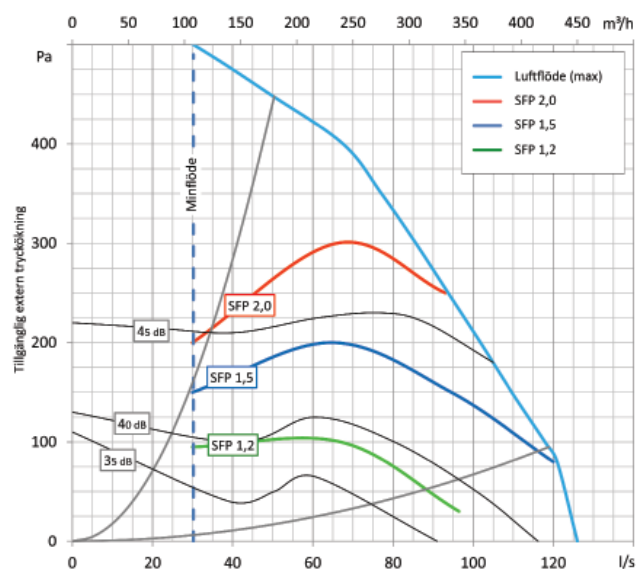


Advantages

- One unit for all purposes
- Easy to add features & quick to install
- Minimal construction dimensions
- Easy to connect to duct and space for silencers
- Separate installer level in control system
- Easy to set up, precise, individual flow setting
- 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-V90
Electrical supply	1~ 230V 50Hz
Fuse	10 A
Power total	230 W
Max load	1,8 A
Fan, type	B-wheel/EC-motor
Filterclass supply/exhaust	F7/F7
Filter size BxHxD	410x195x45 mm
Weight	60 kg
Duct connection	4x Ø160, muff
Recovery	Up to 89 %
Casing	White RAL9010
Korrosionsklass inv/utv	C3/C4
Leakage klass	L2
Connetion cooker hood	No
Comfortpanel	Yes
Electrical heater (duct)	Optional 300W / 600W / 900W
Water heating coil (duct)	Optional
Water cooling coil (duct)	Optional
Exhaust air quality	+15/+40°C, Max 25% RH at -20° 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

