

KOMFORT EC SB350

Heat and energy recovery air handling units

Air handling for efficient supply and exhaust ventilation in flats, houses, cottages and other buildings.



Design

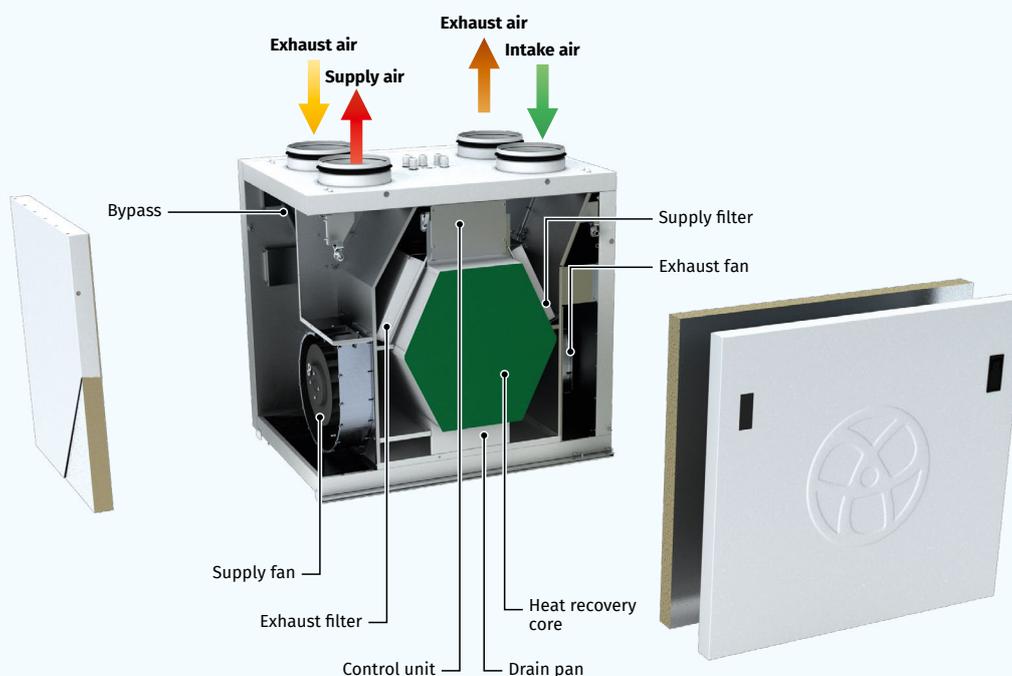
- The casing made of high-quality polymer coated steel, internally filled with a heat- and sound-insulated layer of mineral wool.
- The flanges are located at the top of the unit, and are rubber sealed for airtight connection to the air ducts.
- The units are equipped with either hinged service panel for easy maintenance operations.

Air filtration

- The built-in MERV13 supply filter and MERV8 exhaust filter provide efficient air filtration.

Fans

- High-efficient external rotor EC motors and centrifugal impellers are used for air supply and exhaust.
- Dynamically balanced impellers.



Heat recovery

- The **KOMFORT EC SB350** units have a counter-flow polystyrene heat recovery core that recovers heat.



Bypass

- The **KOMFORT EC SB350** models are equipped with a 100 % bypass which can be opened if there is a need to cool down the ventilated area with cool intake air.

Control and automation

- KOMFORT EC SB350 S11** units incorporate an integrated control system with the S11 wall-mounted control panel with an LCD display.
- KOMFORT EC SB350 S14** units incorporate an integrated control system with the S14 wall-mounted control panel with a LED indication. The units are equipped with the Type B USB Connector for advanced options setting in a special software. The standard delivery set includes a 33 feet cable for connection of the unit and the control panel.

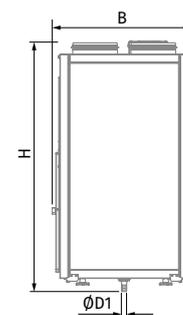
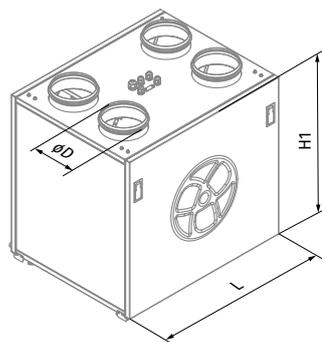


Mounting

- The units are designed for wall and floor mounting.
- The access for unit and filter maintenance is available from the front panel.
- During mounting stage the front and the back panels can be reversed providing either left-handed or right-handed unit mounting.

Overall dimensions [in]

| Model | D | D1 | B | H | H1 | L |
|------------------|--------|----------|-----|-----------|----------|---------|
| KOMFORT EC SB350 | 6 1/4" | 11 1/16" | 24" | 29 13/16" | 26 9/16" | 28 3/4" |



Technical data

| Parameters | KOMFORT EC SB350 |
|-------------------------------------|-------------------------|
| Voltage [V / 50 (60) Hz] | 120 |
| Power [W] | 170 |
| Current [A] | 1.3 |
| Maximum air flow [CFM] | 244 |
| RPM [min ⁻¹] | 3200 |
| Sound pressure level at 10 ft [dBA] | 28 |
| Transported air temperature [°F] | -13...+140 |
| Casing material | polymer coated steel |
| Insulation | 1 9/16", mineral wool |
| Exhaust filter | MERV8 |
| Supply filter | MERV13 (MERV8 optional) |
| Connected air duct diameter [in] | 6 5/16 |
| Weight [lb] | 145.5 |
| Heat recovery efficiency [%] | 80-89 |
| Heat recovery core type | counter-flow |
| Heat recovery core material | polystyrene |
| SEC class | A+ |
| ErP | 2016, 2018 |

| MODEL | QUANTITY | COMMENTS | PROJECT |
|-------|----------|----------|---------------|
| | | | location: |
| | | | architect: |
| | | | engineer: |
| | | | contractor: |
| | | | submitted by: |