

Reneo SE 270 L S21

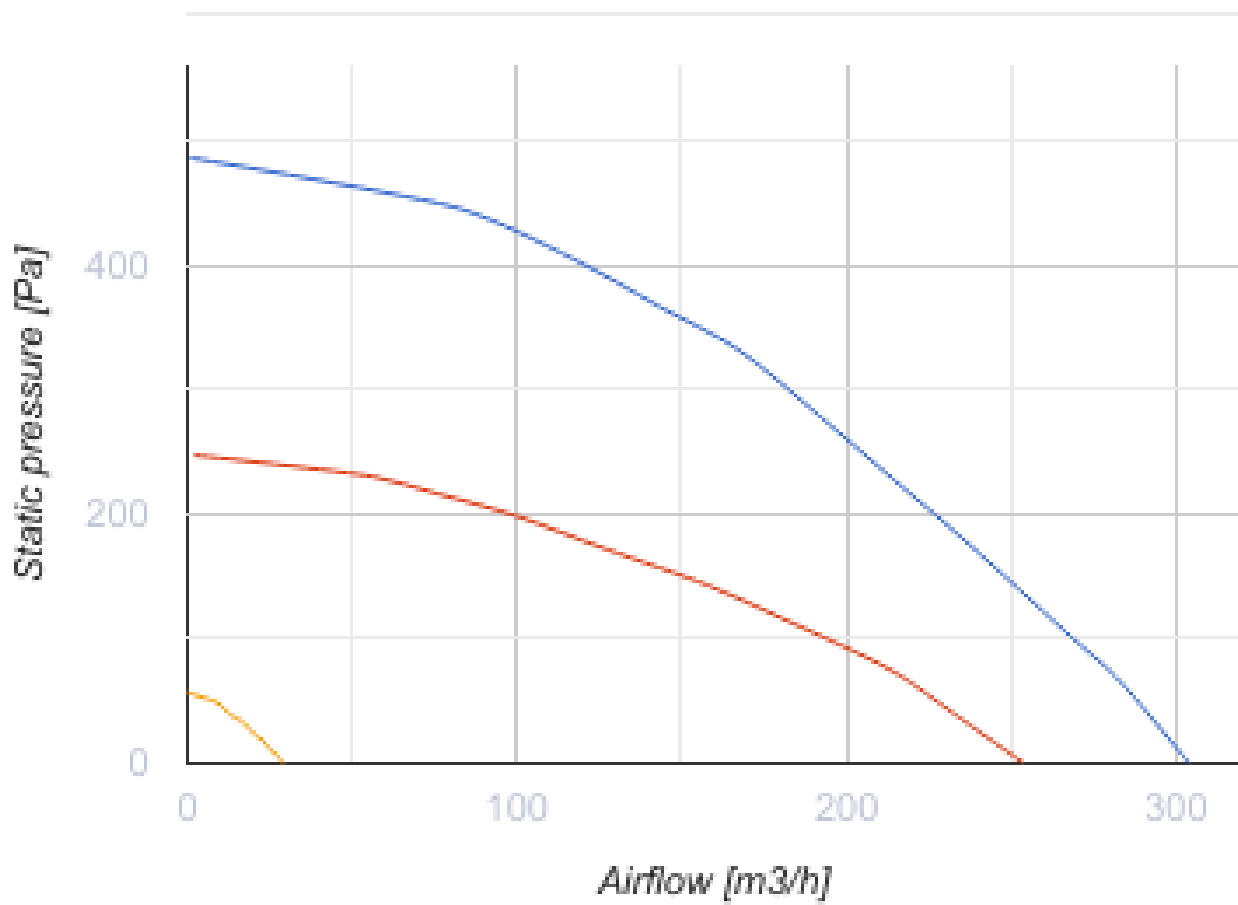
Heat and energy recovery air handling units



- Power of electrical preheater: 1400
- Maximum airflow: 304
- Sound pressure level LpA at 3 m: 37
- Heat exchanger type: Counter flow
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option: F7 / ePM1 60%)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Optional
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

| | Unit of measurement | Reneo SE 270 L S21 |
|-----------------------------------|---------------------|---|
| Connected air duct size | mm | 125 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 176 |
| Power of electrical preheater | W | 1400 |
| Unit current | A | 7.55 |
| Maximum airflow | m ³ /h | 304 |
| Sound pressure level LpA at 3 m | dB(A) | 37 |
| Heat recovery efficiency, max | % | 91 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 22 |
| Extract filter | - | G4 / Coarse > 60% |
| Supply filter | - | G4 / Coarse > 60% (option: F7 / ePM1 60%) |
| Transported air temperature (max) | °C | 40 |
| Transported air temperature (min) | °C | -25 |

| | | |
|--|----|------|
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 40 |
| Ambient air humidity max | % | 60 |
| Ingress protection rating | - | IP22 |
| Ingress protection rating of the drive | - | IP44 |





Dimensions

| Ø D | H | H1 | L | L1 | W | W1 |
|-----|-----|-----|-----|-----|-----|-----|
| 125 | 852 | 909 | 419 | 160 | 600 | 273 |






Accessories




Other accessories

| Name | Photo | Description |
|-----------------------------|---|-----------------|
| FP 356x100x48 Coarse 90% G4 |  | G4 panel filter |
| FP 356x100x48 ePM1 60% F7 |  | F7 panel filter |

Other accessories




| Name | Photo | Description |
|---------------------------|---|-------------------|
| S22 |  | Control panels |
| S22 Wi-Fi |  | Control panels |
| S25 |  | LCD control panel |

Other accessories


| Name | Photo | Description |
|----------------------|---|-----------------|
| FS2 |  | Humidity sensor |
| CD-1 |  | CO2 sensors |
| CD-2 |  | CO2 sensors |
| CD-3 | | |

Other accessories




| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

| | | |
|---------------------------------------|---|--------------------------------------|
| ENH 125-0.6-1 S21 V.2 |  | Duct heater for supply air reheating |
| ENH 125-0.8-1 S21 V.2 |  | Duct heater for supply air reheating |
| ENH 125-1.2-1 S21 V.2 |  | Duct heater for supply air reheating |


Other accessories

| Name | Photo | Description |
|---------------------------|---|--|
| SFK 20x32 |  | Hydraulic syphon for condensate drainage |

Other accessories

| Name | Photo | Description |
|-----------------------------|---|---------------------------|
| SD 125/600 |  | Silencers for round ducts |
| SD 125/900 |  | Silencers for round ducts |
| SD 125/1200 |  | Silencers for round ducts |

Other accessories

| Name | Photo | Description |
|-------------------------|---|-----------------------------|
| VKA 125 |  | Air dampers for round ducts |