

# Reneo-Fit D 200-E S21

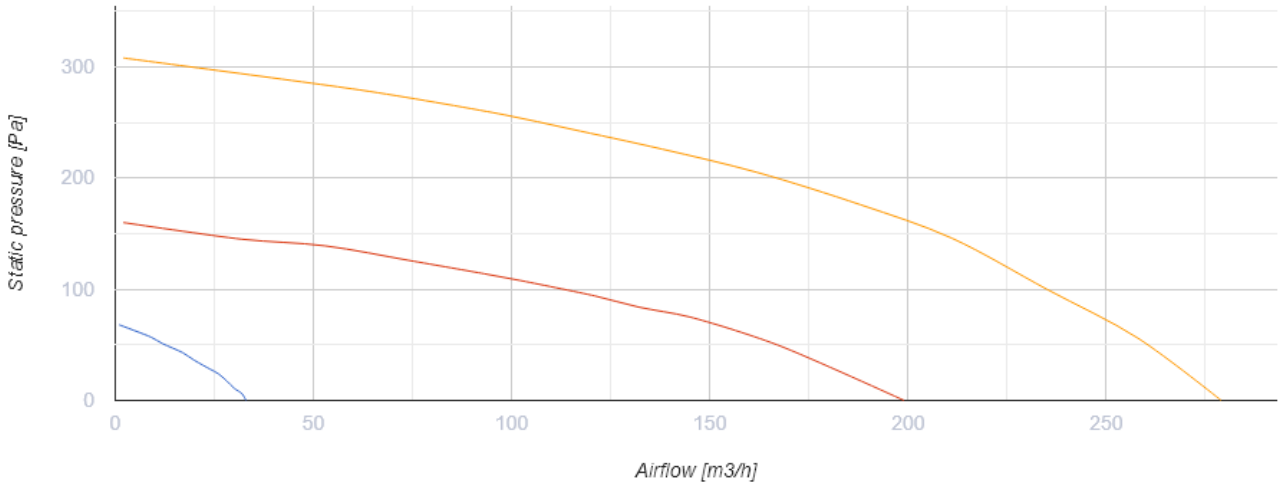
Heat and energy recovery air handling units



- Maximum airflow: 279
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Counter flow
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option F7 / ePM1 60%)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Optional
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

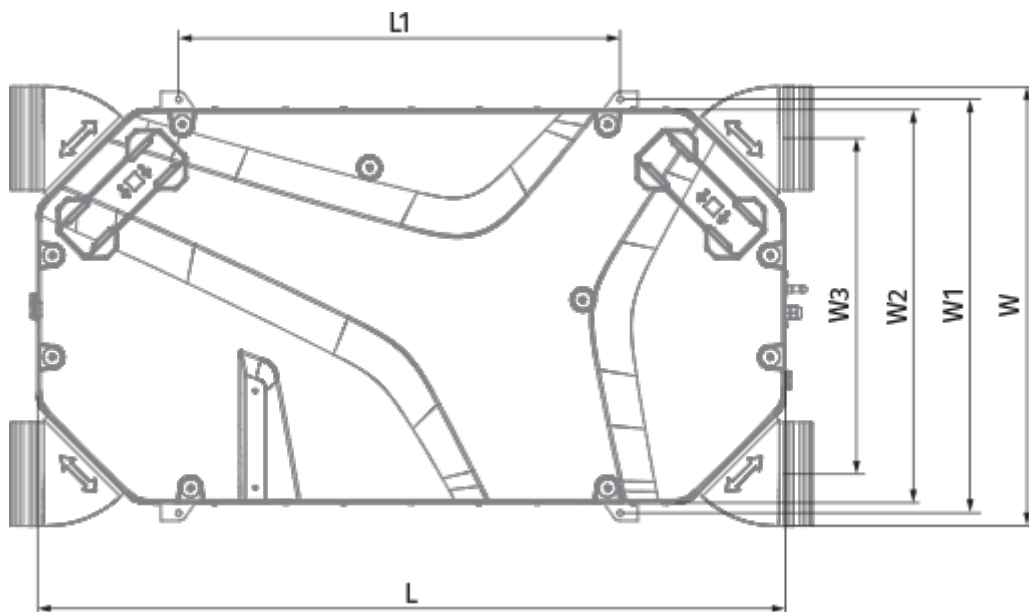
|                                   | Unit of measurement | Reneo-Fit D 200-E S21                    |
|-----------------------------------|---------------------|--|
| Connected air duct size           | mm                  | 160/125                                  |
| Phases                            | -                   | 1  |
| Minimum supply voltage            | V                   | 230                                      |
| Maximum supply voltage            | V                   | 230                                      |
| Power supply frequency            | Hz                  | 50/60                                    |
| Rated power                       | W                   | 135                                      |
| Unit current                      | A                   | 1.02                                     |
| Maximum airflow                   | m <sup>3</sup> /h   | 279                                      |
| Sound pressure level LpA at 3 m   | dB(A)               | 33                                       |
| Heat recovery efficiency, max     | %                   | 85                                       |
| Heat exchanger type               | -                   | Counter flow                             |
| Heat exchanger material           | -                   | Enthalpy                                 |
| Weight                            | kg                  | 19.5                                     |
| Extract filter                    | -                   | G4 / Coarse > 60%                        |
| Supply filter                     | -                   | G4 / Coarse > 60% (option F7 / ePM1 60%) |
| Transported air temperature (max) | °C                  | 45                                       |
| Ambient air temperature min       | °C                  | 1  |
| Ambient air temperature max       | °C                  | 40                                       |

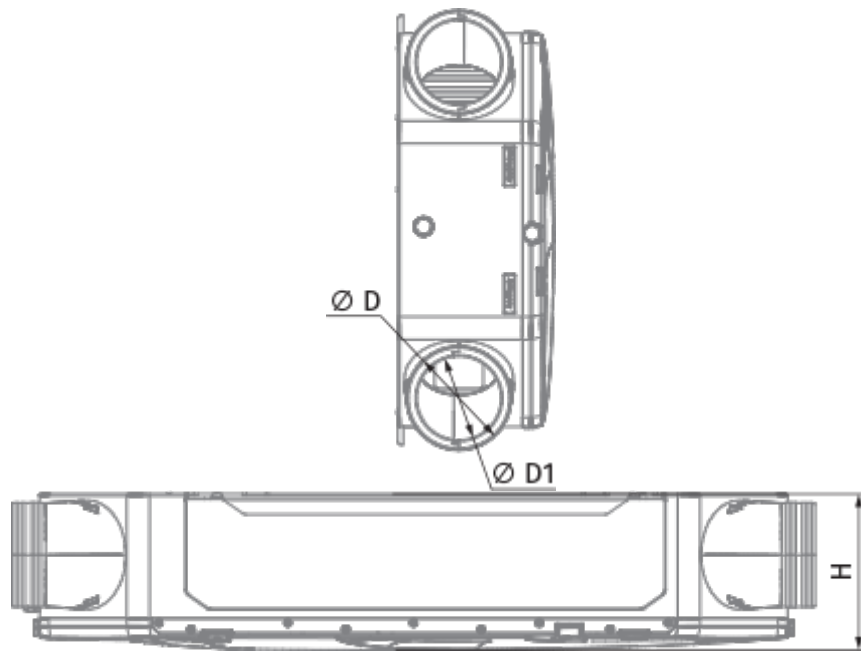
|  |   |      |
|--|---|------|
| Ambient air humidity max               | % | 60   |
| Ingress protection rating              | - | IP22 |
| Ingress protection rating of the drive | - | IP44 |



## Dimensions


| Ø D | Ø D1 | H   | L    | L1  | W   | W1  | W2  | W3  |
|-----|------|-----|------|-----|-----|-----|-----|-----|
| 160 | 125  | 242 | 1160 | 685 | 683 | 642 | 610 | 521 |







## Accessories

### Other accessories

| Name                        | Photo   | Description     |
|-----------------------------|---|-----------------|
| FP 200x165x48 Coarse 90% G4 |  | G4 panel filter |
| FP 200x165x48 ePM1 60% F7   |  | F7 panel filter |

### Control Panels



| Name                | Photo   | Description       |
|---------------------|---|-------------------|
| <a href="#">S25</a> |  | LCD control panel |
| <a href="#">S22</a> |  | Control panels    |

|                           |   |                |
|---------------------------|---|----------------|
| <a href="#">S22 Wi-Fi</a> |  | Control panels |
|---------------------------|---|----------------|








### Humidity sensors


| Name                | Photo   | Description     |
|---------------------|---|-----------------|
| <a href="#">FS2</a> |  | Humidity sensor |

### CO2 sensors




| Name                 | Photo  | Description |
|----------------------|--|-------------|
| <a href="#">CD-3</a> |  |             |
| <a href="#">CD-1</a> |   | CO2 sensors |
| <a href="#">CD-2</a> |  | CO2 sensors |

### Electrical heaters


| Name                                  | Photo   | Description  |
|---------------------------------------|---|--|
| <a href="#">EVH 160-0.8-1 S21 V.2</a> |  | Electric duct preheater for heat exchanger freeze protection |
| <a href="#">EVH 160-1.2-1 S21 V.2</a> |  | Electric duct preheater for heat exchanger freeze protection |
| <a href="#">EVH 160-1.7-1 S21 V.2</a> |  | Electric duct preheater for heat exchanger freeze protection |
| <a href="#">EVH 160-2.0-1 S21 V.2</a> |  | Electric duct preheater for heat exchanger freeze protection |
| <a href="#">ENH 160-0.8-1 S21 V.2</a> |  | Duct heater for supply air reheating                         |
| <a href="#">ENH 160-1.2-1 S21 V.2</a> |  | Duct heater for supply air reheating                         |
| <a href="#">ENH 160-1.7-1 S21 V.2</a> |  | Duct heater for supply air reheating                         |

|                                       |   |                                      |
|---------------------------------------|---|--------------------------------------|
| <a href="#">ENH 160-2.0-1 S21 V.2</a> |  | Duct heater for supply air reheating |
|---------------------------------------|---|--------------------------------------|

### For round ducts

| Name                        | Photo   | Description               |
|-----------------------------|---|---------------------------|
| <a href="#">SD 160/600</a>  |  | Silencers for round ducts |
| <a href="#">SD 160/900</a>  |  | Silencers for round ducts |
| <a href="#">SD 160/1200</a> |  | Silencers for round ducts |

### For round ducts

| Name                    | Photo   | Description                 |
|-------------------------|---|-----------------------------|
| <a href="#">VKA 160</a> |  | Air dampers for round ducts |