



RIRS 1200 VER EKO 3.0 RHX

Art.no: AHU000983

Product category: Compact Rotary AHU

Technical data

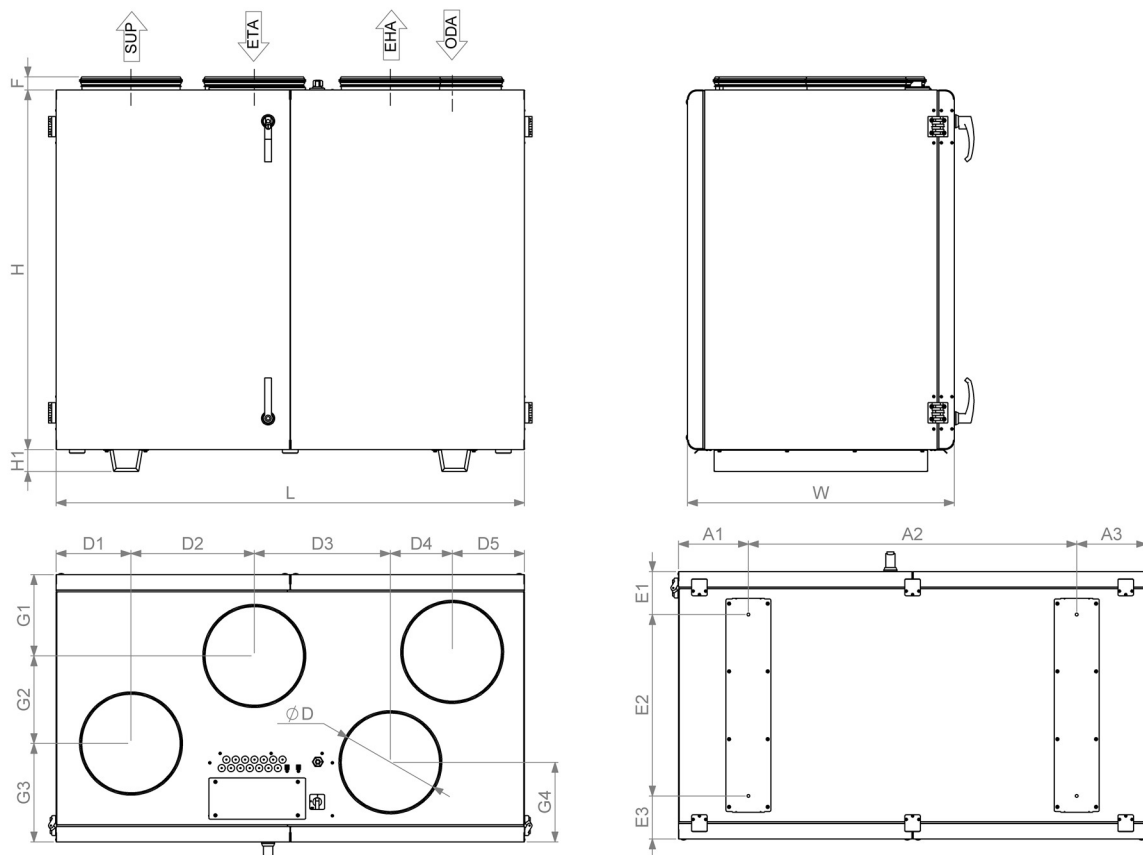
| PACKING | |
|-----------------------------------|---------|
| Weight | 232 kg |
| ELECTRICAL DATA | |
| Recommended short circuit breaker | 25 A |
| Rated power | 4.76 kW |
| Rated current | 15 A |
| Phases | 2N~ ~ |
| Voltage | 230 V |
| Frequency | 50 Hz |
| SUPPLY FAN | |
| Max. power consumption | 380 W |
| EXHAUST FAN | |
| Max. power consumption | 380 W |

| HEATER / COOLER | |
|--------------------------------------------|-------------------|
| Integrated Heater/Cooler | Electrical Heater |
| Max. power consumption | 4 kW |
| HEAT EXCHANGER | |
| Heat exchanger Type | Rotor |
| Subtype | Condensing |
| CASING | |
| Material | Galvanized steel |
| Insulation thickness | 50 mm |
| Color | RAL 7040 (Grey) |
| IP Class | IP 34 |
| Operation environment | Indoors |
| Installation Position | Vertical |
| Supply air side | Left |
| SUPPLY AIR FILTER | |
| Class | ePM1 70% |
| EXTRACT AIR FILTER | |
| Class | ePM10 55% |
| SAFETY DATA | |
| Outdoor air temp. without frost protection | -25 .. 40 °C |
| Ambient air temp. | -25 .. 40 °C |

Ecodesign calculations

| WORKING POINT | Reference point | |
|-------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------|
| Nominal NRVC flow rate | 0.244 | m ³ /s |
| Normal external pressure | 250 | Pa |
| Face velocity | 0.829 | m/s |
| Thermal efficiency | 80.9 | % |
| Effective electric power input | 438 | W |
| Maximum internal SFP | 1300 | W/(m ³ /s) |
| SFPint | 680 | W/(m ³ /s) |
| Internal pressure drop of ventilation components | Sup 180 | Ext 128 Pa |
| Static efficiency of fans used in accordance with Regulation (EU) No 327/2011 | Sup 47.2 | Ext 43 % |
| Casing sound power level | 56.4 | dB(A) |
| ErP Compliance | 2018 | |
| Declared maximum internal leakage rates | 3 | % |
| Declared maximum external leakage rates | 1 | % |
| Topology | Bidirectional | |
| Type of HRS | Regenerative | |
| Type of drive | VariableSpeed | |
| Visual filter warning | Pressure device | |
| Filter class | E | |
| Internet address for disassembly instructions | https://select.salda.lt | |

Dimensions



| L [mm] | W [mm] | H [mm] | ØD [mm] | F [mm] | H1 [mm] | A1 [mm] | A2 [mm] | A3 [mm] | D1 [mm] | D2 [mm] | D3 [mm] |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1500 | 855 | 1150 | 315 | 41 | 70 | 224 | 1052 | 224 | 240 | 395 | 436 |
| D4 [mm] | D5 [mm] | E1 [mm] | E2 [mm] | E3 [mm] | G1 [mm] | G2 [mm] | G3 [mm] | | | | |
| 198 | 231 | 138 | 580 | 138 | 260 | 340 | 255 | | | | |

Accessories

SSB

SSB81 200 Nm [ACC000318](#)

Actuators

Actuator LM230A-TP [ACC000311](#)

CO2 Sensors

QPM1104 [ACC007007](#)S-RCO2-F2 [ACC000278](#)

Humidity sensors

S-RFF-U-D-F2 [ACC000280](#)

Remote control devices

Control panel remote ST-SA-Control salda logo L-5 [ACC005592](#)FLEX [ACC000270](#)MB-Gateway [ACC000269](#)Router wireless nano 300Mbps TP-Link TL-WR802N [ACC000273](#)Stouch [ACC000272](#)

Shut-off dampers

SKG-A 315 [FIT000206](#)

Coolers for circular ducts

AVA 315 [ACC000194](#)AVA-DX 315 [ACC000148](#)

Filter sets for RIRS EKO 3.0

Filter set RIRS 1200/1900 V/H EKO 3.0 (ePM10-50+ePM1-70-2pcs.) [ACC004884](#)

LSVF

LSVF 315 [FIT000308](#)

Circular duct silencers

Mute 315x1200 [FIT000295](#)Mute 315x600 [FIT000296](#)Mute 315x900 [FIT000297](#)

VVP

Valve water seat two way brass with male thread DN10 VVP45.10-1,0 [ACC000142](#)

3-way valves

Valve water seat three way brass with male thread DN15 VXP45.10-1,0 [ACC000144](#)

Documents



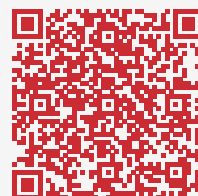
Cad drawings

RIRS 1200 VER_VWR EKO 3.0 (4,4 MB)



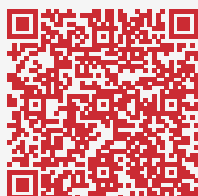
Catalogue

RIRS V EKO 3.0 (2,9 MB)



Declaration of Conformity

Smarty_RIS_EKO_RIRS_EKO_CE_1.0_EN
(110,8 KB)



Manual

RIRS 1200-5500 V EKO 3.0 [EN] (17,9 MB)



Sales brochure

AHU_EN_2020 (5,9 MB)