



## RIRS 1900 VER EKO 3.0 RHX

Art.no: AHU000989

Product category: Compact Rotary AHU

### Technical data

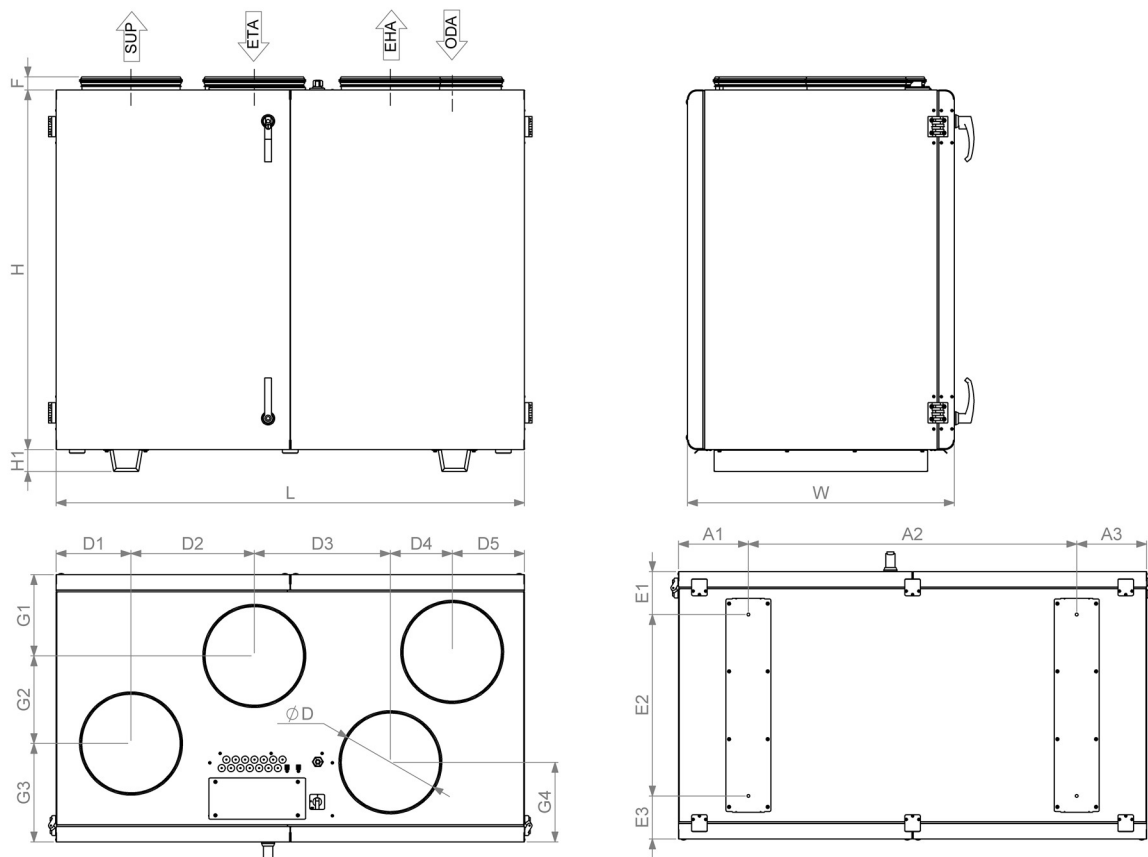
PACKING		
Weight	238	kg
ELECTRICAL DATA		
Recommended short circuit breaker	25	A
Rated power	9.94	kW
Rated current	17.2	A
Phases	3N~	~
Voltage	400	V
Frequency	50	Hz
SUPPLY FAN		
Max. power consumption	470	W
EXHAUST FAN		
Max. power consumption	470	W

HEATER / COOLER	
Integrated Heater/Cooler	Electrical Heater
Max. power consumption	9 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 NRVU flow rate	0.292	m <sup>3</sup> /s
Normal external pressure	250	Pa
Face velocity	0.989	m/s
Thermal efficiency	79.5	%
Effective electric power input	499	W
Maximum internal SFP	1250	W/(m <sup>3</sup> /s)
SFPint	651	W/(m <sup>3</sup> /s)
Internal pressure drop of ventilation components	Sup 176	Ext 131 Pa
Static efficiency of fans used in accordance with Regulation (EU) No 327/2011	Sup 47.7	Ext 46.6 %
Casing sound power level	58.3	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	<a href="https://select.salda.lt">https://select.salda.lt</a>	

## 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 1900 VER\_VWR EKO 3.0 (4,4 MB)



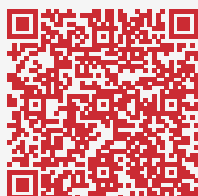
### Catalogue

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)