



RIRS 400 HWL EKO 3.0

Art.no: AHU000121

Product category: Residential Rotary Units

Technical data

SALES		
Standard warranty	2	Years

PACKING		
Weight	78	kg

ELECTRICAL DATA		
Recommended short circuit breaker	6	A
Rated power	166	W
Rated current	1.6	A
Phases	1N~	~
Voltage	230	V
Frequency	50	Hz

SUPPLY FAN		
Max. power consumption	83	W

EXHAUST FAN		
Max. power consumption	83	W

HEATER / COOLER	
Integrated Heater/Cooler	None

HEAT EXCHANGER	
Heat exchanger Type	Rotor
Subtype	Condensing

CASING	
Material	Galvanized steel
Insulation thickness	50 mm
Color	RAL 9016 (White)
IP Class	IP34
Operation environment	Indoors
Installation Position	Horizontal
Supply air side	Left

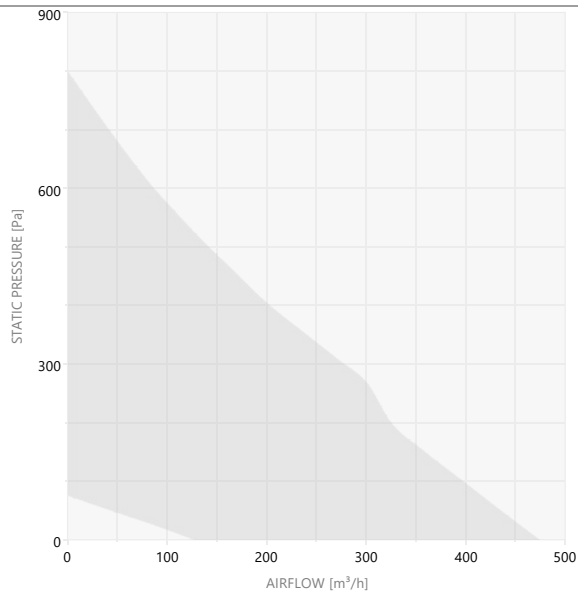
SUPPLY AIR FILTER	
Class	ePM1 70%

EXTRACT AIR FILTER	
Class	ePM10 55%

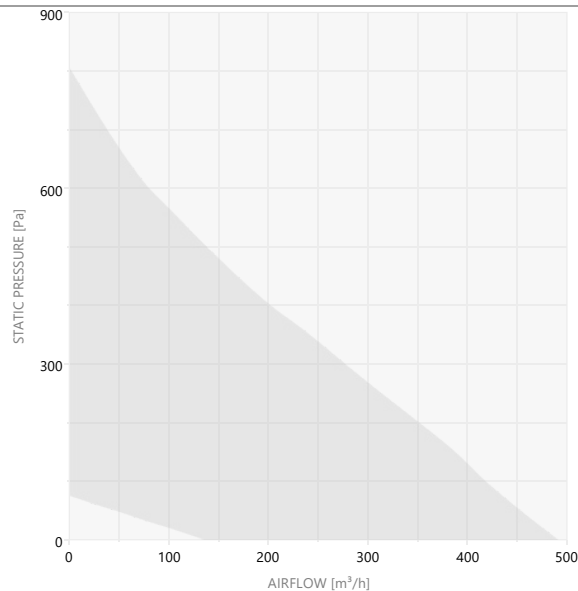
SAFETY DATA		
Outdoor air temp.	-23 .. 40	°C
Ambient air temp.	5 .. 40	°C

Performance

SUPPLY

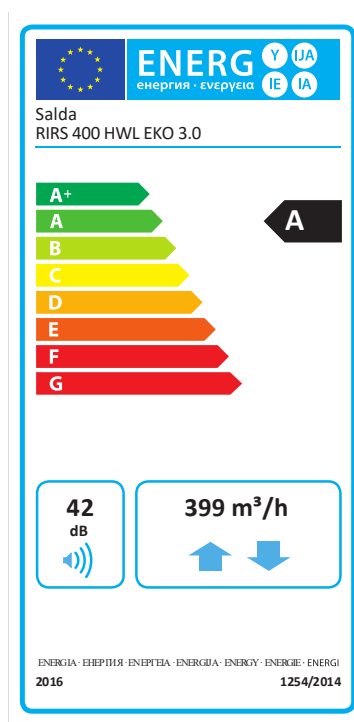


EXHAUST

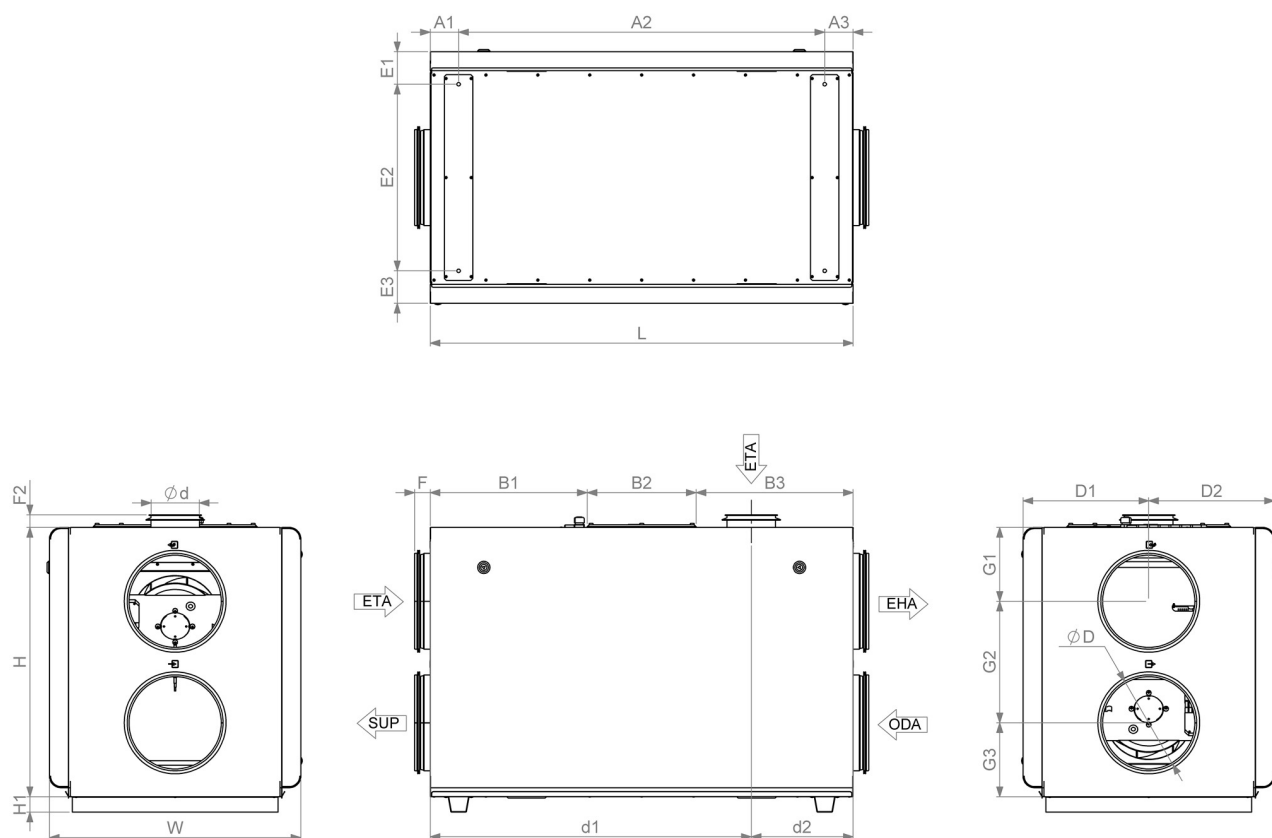


Ecodesign

	Cold	Average	Warm	
SEC	-84.5	-41.7	-17.1	kWh/m ² a
Class	Aplus	A	E	
AEC	126	126	126	kWh
AHS	8764	4480	2026	kWh/a
Topology	Bidirectional			
Recovery type	Regenerative			
Thermal efficiency (EN 13141-7:2010)	79.7			%
Maximum airflow	399			m ³ /h
Fan power at max airflow	165			W
Casing sound power level	41.5			dB(A)
Reference airflow	0.078			m ³ /s
Reference pressure	50			Pa
SPI	0.238			W/(m ³ /h)
Control factor	0,65			
Declared maximum internal leakage rates	5			%
Declared maximum external leakage rates	3			%
Visual filter warning	Timer			
ErP Compliance	2018			
Internet address for disassembly instructions	https://select.salda.lt			

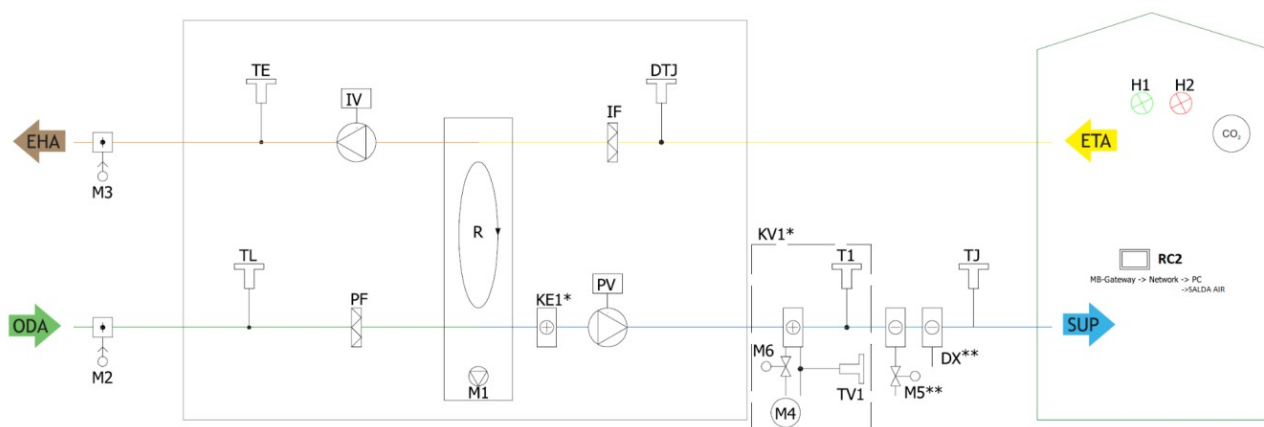


Dimensions



L [mm]	W [mm]	H [mm]	ØD [mm]	Ød [mm]	F [mm]	F2 [mm]	H1 [mm]	A1 [mm]	A2 [mm]	A3 [mm]	B1 [mm]
1000	560	610	200	125	31	32	40	72	856	72	385
B2 [mm]	B3 [mm]	D1 [mm]	D2 [mm]	E1 [mm]	E2 [mm]	E3 [mm]	G1 [mm]	G2 [mm]	G3 [mm]	d1 [mm]	d2 [mm]
285	330	280	280	85	390	85	175	267	168	753	247

P&I



THE LIST OF COMPONENTS

PV	Supply air fan	IF	Extract air filter
PF	Supply air filter	IV	Exhaust fan
TE	Exhaust air temperature sensor	TJ	Supply air temperature sensor
DTJ	Extract air temperature and humidity sensor	CO2	CO2 sensor
PC	Computer	KE1	Electric heater*
M2	Outdoor air damper actuator	M3	Exhaust air damper actuator
TL	Outdoor air temperature sensor		Ventilated premises
NET	Network	MB-Gateway	Network module
R	Rotor heat exchanger	DX	DX cooler
KV1	Water heater*	T1	Water heater thermostat*
M4	Water heater circulation pump*	M5	Water cooler valve motor
RC2	Stouch, Flex or ST-SA-Control remote control panel	M6	Water heater valve motor*
TV1	Water heater temperature sensor *	M1	Rotor motor

* Component/possibility to connect it depends on model.

POSSIBLE PCB INPUTS/OUTPUTS

FA	Fire alarm	H1	Working indication output
Fans speed switch (BOOST)		H2	Alarm indication output
System mode switch (START/STOP)			

* KE1 - only in electrical version;

* KV1 - used in water version;

** Possible to control;

*** P&I displays right sided unit. For left version apply mirror view.

Accessories

ALU

ALU 200 [FIT000128](#)

WSG

WSG 200 [FIT000404](#)

SSB

SSB61 200 Nm [ACC000317](#)SSB81 200 Nm [ACC000318](#)

Actuators

CM230-1-F-L [ACC000305](#)TF230 [ACC000316](#)

CO2 Sensors

S-KC02 [ACC000277](#)S-RC02-F2 [ACC000278](#)

Humidity sensors

S-KFF-U [ACC000279](#)S-RFF-U-D-F2 [ACC000280](#)

Remote control devices

Flex [ACC000270](#)MB-Gateway [ACC000269](#)Stouch [ACC000272](#)ST-SA-Control [ACC005592](#)TP-Link TL-WR802N [ACC000273](#)

Antivibration legs

Antivibration feet S-00 [ACC006639](#)

RSK

RSK 200 [FIT000178](#)

Shut-off dampers

SKG-A 200 [FIT000204](#)

Coolers for circular ducts

AVA 200 [ACC000192](#)

AVS

AVS 200 [ACC000199](#)

Filter sets for RIRS EKO 3.0

Filter set RIRS 400 V/H EKO 3.0 (ePM10-50+ePM1-70-2pcs.) [ACC005258](#)

Circular duct silencers

Silencer circular Mute 200x1200 [FIT000906](#)Silencer circular Mute 200x300 [FIT001112](#)Silencer circular Mute 200x600 [FIT000291](#)Silencer circular Mute 200x900 [FIT000292](#)

VVP

VVP45.10-0,63 [ACC000140](#)

3-way valves

VXP45.10-0,63 [ACC000143](#)

Documents



Cad drawings

RIRS 400 HEL-HWL EKO 3.0 (2,3 MB)



Catalogue

RIRS H EKO 3.0 (3,8 MB)



Declaration of Conformity

Smarty_RIS_EKO_RIRS_EKO_CE_1.0_EN
(110,8 KB)



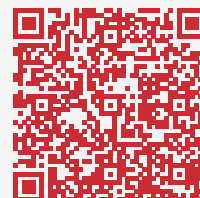
Manual

RIRS 400-700 H EKO 3.0 [DE] (14,0 MB)



Manual

RIRS 400-700 H EKO 3.0 [DK] (13,9 MB)



Manual

RIRS 400-700 H EKO 3.0 [EN] (14,0 MB)



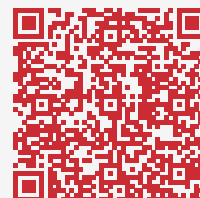
Manual

RIRS 400-700 H EKO 3.0 [FR][SL] v2021.1
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Manual

RIRS 400-700 H EKO 3.0 [LT] (13,9 MB)



Manual

RIRS 400-700 H EKO 3.0 [PL] (14,0 MB)



Manual

RIRS 400-700 H EKO 3.0 [RU] (13,9 MB)



Sales brochure

Residential_EN (7,6 MB)