

# AIR HANDLING UNITS

# SALDA



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2013 ver B



## RIS EKO 3.0

High efficiency air handling units RIS EKO 3.0 are supplied with cross-counter flow plate heat exchangers. AHU is used for ventilation of houses and other heated areas.

Wide range RIS EKO versions: vertical, horizontal and ceiling mounted. Compact design – fits doors up to 900mm width (excluding RIS 5500 EKO).

Efficient low - noise EC fans.

Efficiency of cross-counter flow plate heat exchanger up to 94%.

Stainless steel bath with condensate drain.

Fully integrated plug & play control system.

Integrated electrical heater (excluding RIS 400 VE/W EKO 3.0 and RIS 150P EKO).

Optionally supplied water heater/cooler on the duct or Comfort box (from sizes 1900)

For cold areas (winter lower -7C) recommended to use pre-heater EKA NV PH.

RIS units equipped with motorized by-pass damper (excluding RIS 150P EKO).

RIS 2500 - 5500 H EKO 3.0 is equipped with fresh air and extract air motorized dampers.

Powder coated white color painting RAL 9016 RIS 150 EKO - RIS 700 EKO 3.0.

Powder coated grey color painting RAL 7040 RIS 1200 EKO 3.0 - RIS 5500 EKO 3.0

Optional CO2, pressure or airflow transmitter

RIS 1900H - 5500H EKO optional roof and outlet cover.

RIS 3500H - delivered in three sections and RIS 5500H in two sections.

## RIRS EKO 3.0

High efficiency air handling units RIRS EKO 3.0 are supplied with rotor heat exchangers. AHU is used for ventilation of houses and other heated areas.

Wide range RIRS EKO versions: vertical, horizontal and ceiling mounted.

Compact design – fits doors up to 900mm width.

Efficient low - noise EC fans.

Efficiency of rotor heat exchanger up to 80%.

Fully integrated plug & play control system.

Integrated electrical heater

Optionally supplied water heater/cooler on the duct or Comfort box (from sizes 1900).

Integrated fresh air and extract air motorized dampers (RIRS 2500- 5500 EKO).

Powder coated white color painting RAL 9016 RIRS 200 EKO - RIRS 300 EKO 3.0.

Powder coated grey color painting RAL 7040 RIRS 400 EKO 3.0 - RIRS 5500 EKO 3.0.

Optional CO2, pressure or airflow transmitter

RIRS 1900H - 5500H EKO optional roof and outlet cover

RIRS 3500 – 5500 EKO delivered in three sections.

## RIS EC 3.0

Efficient air handling units RIS EC are supplied with cross flow plate heat exchangers. AHU is used for ventilation of houses and other heated areas. Only horizontal version.

Compact design – fits doors up to 900mm width (excluding RIS 5500 EC).

Efficient low - noise EC fans.

Efficiency of cross flow plate heat exchanger up to 65%.

Fully integrated plug & play control system.

Integrated electrical heater (control 0-10V).

Optionally supplied water heater/cooler on the duct or Comfort box.

For cold areas (winter lower -7oC) recommended to use pre-heater EKA NV PH.

RIS units equipped with motorized by-pass damper

Powder coated painting 7040

Optional CO2, pressure or airflow transmitter.

RIS 2500H - 5500H EC optional roof and outlet cover

RIS 5500H - delivered in two sections.

## RIS

Simple solution air handling units RIS are supplied with cross flow plate heat exchangers. AHU is used for ventilation of houses and other heated areas.

Wide range RIS versions: vertical, horizontal and ceiling mounted.

Low noise AC fans

Efficiency of cross flow plate heat exchanger up to 65%.

Integrated electrical heater and water heater or optionally supplied on the duct

For cold areas (winter lower -7°C) recommended to use pre-heater EKA NV PH

RIS units equipped with motorized by-pass damper

Powder coated painting 7040.

## RIRS

Simple solution air handling units RIRS are supplied with rotor heat exchangers. AHU is used for ventilation of houses and other heated areas.



RIRS versions: vertical, horizontal

Low noise AC fans

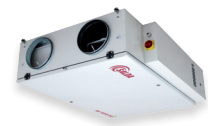
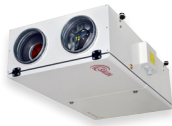
Efficiency of rotor heat exchanger up to 80%.

Integrated electrical heater and water heater or optionally supplied on the duct.

Powder coated painting 7040.

FUNCTIONS				
Descriptions of the functions	ECO		PRV V2.2	
	E	W	E	W
Controllers				
<p><b>FLEX controller</b></p>  <p>Adjustment of the new controller with control automatics – Full control (service control included).</p>			●	●
<p><b>UNI PRO TPC*</b></p> <p><i>Absent control functions:</i></p> <ul style="list-style-type: none"> <li>• Boost configuration menu (time, fan speed, night cooling), temperature and time configuration of water heater);</li> <li>• Service menu- PI configuration;</li> <li>• Review of separate alarms at one time;</li> <li>• DX cooling configuration possibility;</li> <li>• Night cooling fast button setting;</li> <li>• Supply and extract air fans' speed control (3 speed can be configured);</li> <li>• Functional components' type choice.</li> </ul> 	●	●	●	●
<p><b>DCV systems control</b></p> <p>Demand-Controlled Ventilation for extracted air. Using one pressure or one CO2 transmitter.</p>	●	●		
<p><b>DCV systems control</b></p> <p>Demand-Controlled Ventilation for extracted and supplied air. Two pressure or one CO2 transmitter.</p>			●	●

FUNCTIONS				
Descriptions of the functions	ECO		PRV V2.2	
	E	W	E	W
Main functions and control of functional units				
			●	●
	<b>User and servicing control level</b>			
	<b>Week timer + Holidays + Digital timer channels</b>			
8 events for each day or weekday group* per week. *1-7 entire week, 1-5 working days, 6-7 weekend.	●	●	●	●
	<b>START/STOP function</b>			
„START/STOP“ function for starting or stopping operation of the heat recovery unit. „STOP“ sign is indicated on a remote control (Flex). It can be used with door lock, motion sensor (PIR), outside switch or other external digital signal (potential-free contacts). On a position „START“ heat recovery unit operates according to the last remote controller settings.			●	●
	<b>Year-round optimization of recovery unit regulation</b>			
Winter –heat recovery; Summer – cold recovery; Autumn and spring – low rotor speed/half by-pass opened.			●	●
	<b>Free Cooling function</b>			
The premises are cooled down by supplying fresh air, when exhaust air temperature is higher than fresh air. (Night cooling function)			●	●
	<b>Cool recovery</b>			
The heat exchanger recovers cold air from exhaust air when premises temperature is lower than outside.			●	●
	<b>ON/OFF rotor motor control</b>			
	●	●	●	●
	<b>0-10V DC rotor motor speed control</b>			
			●	●
	<b>By-pass ON/OFF</b>			
	●	●		
	<b>By-pass three-positional control</b>			
			●	●
	<b>Minimum and maximum limits for supply air temperature</b>			
By activating temperature control according to extracted air sensor (Min. -15°C, Max. +40°C adjustable in service menu).			●	●
	<b>ON/OFF control of electric post-heater</b>			
	●			
	<b>Pulse-width modulation (PWM) control of electrical heater</b>			
Accuracy of 0,5 °C for supply air temperature.	●	●	●	●
	<b>Electric heater's control by stages</b>			
For the bigger capacity electric heaters.	●	●	●	●
	<b>ON/OFF control of DX coolers</b>			
	●		●	●
	<b>Water cooler control with three-positional valve actuator</b>			
	●	●	●	●
	<b>ON/OFF control of circulation pump</b>			
		●		●
	<b>Fans' speed synchronous 0-10V control</b>			
	●	●	●	●
	<b>Separate fans' speed asynchronous 0-10V control</b>			
			●	●
	<b>4 speeds for easy end-user control.</b>			
“Stop” – the unit is stopped; “Low”, “Medium”, and “High”. Service menu allows adjusting each speed individually.			●	●
	<b>BOOST function</b>			
Fans operate at high speed (set in service menu). Operation time is also set in service menu. „Boost“ function is reflected in FLEX remote.			●	●
	<b>CO2, constant pressure, humidity control</b>			
Fan speed control only.	●	●	●	●
	<b>CO2, constant pressure control</b>			
Possibility to connect CO2 or two pressure transmitters.			●	●
	<b>Supply air temperature control according to the extract air sensor</b>			
			●	●
	<b>Exhaust air damper control</b>			
	●	●	●	●
	<b>Supply air damper control</b>			
	●	●	●	●
	<b>Remote control ModBus input</b>			
Web-based software control.			●	●
	<b>Remote controller input</b>			
	●	●	●	●
Safety/emergency signal indications				
	<b>General emergency signal</b>			
	●	●		
	<b>Overheat protection</b>			
Additional electrical heater overheat protection (software).			●	●
	<b>Rotor fail alarm signal</b>			
In case of rotor belt break-up or rotor operation stopping indication „RotorFail“ appears on FLEX remote controller.			●	●
	<b>Fire alarm signal</b>			
			●	●
	<b>Fire and smoke alarm input</b>			
The AHU stops till service is restored in FLEX remote controller.			●	●
	<b>Fans' overheating alarm signal</b>			
			●	●
	<b>Filter pollution indicator by pressure drop transmitter</b>			
	●	●	●	●
	<b>Filter pollution indicator by working hours</b>			
A possibility to choose period of time after which indication informs about necessity to change the filters. (Min. 168 h, Max. 6482 h) Number of working hours set as default -2160h.			●	●
Other indications				
	<b>FanRun function</b>			
Unit in operation signal.			●	●
	<b>FanFail function</b>			
Unit off operation signal.			●	●
	<b>Extracted air temperature sensor</b>			
			●	●
	<b>Exhaust air temperature sensor</b>			
			●	●
	<b>Returning water temperature sensor</b>			
		●		●
	<b>Extracted air relative humidity converter</b>			
	●	●	●	●
	<b>Fresh air temperature sensor</b>			
	●	●	●	●
	<b>Supplied air temperature sensor</b>			
	●	●	●	●



RIS TECHNICAL DATA	150	200	260	400 <b>NEW!</b>				
	RIS 150P EKO	RIS 200VE EKO 3.0 RIS 200VW EKO 3.0	RIS 260VE RIS 260VW	RIS 400VE EKO 3.0 RIS 400VW EKO 3.0	RIS 400VE RIS 400VW	RIS 400HE RIS 400HW	RIS 400PE EKO 3.0 RIS 400PW EKO 3.0	RIS 400PE RIS 400PW
Housing type	Ceiling mounted	Vertical	Vertical	Vertical	Vertical	Horizontal	Ceiling mounted	Ceiling mounted
Max airflow (m³/h) at 0 Pa	220	250	285	450	450	450	490	450
Insulation (mm)	20	30	20	30	30	50	30	30
Connection diameter (mm)	160	125	125	160	160	160	200	160
Fan type	EC	EC	AC	EC	AC	AC	EC	AC
Power consumption for 1 fan (kW)	0,055	0,06	0,08	0,13	0,21	0,2	0,1	0,17
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	-	-	E - 1 kW	-	E - 2 kW	E - 2 kW	E-0,9/1,6/3 kW	E - 2 kW
	-	W - 0,34 kW*	W - 1,75 kW	W - 3,67 kW*	W - 2,69 kW	W - 2,7kW	W - 4,04 kW*	W - 2,69 kW*
Cooler : 7 / 12 °C	-	-	-	0,94 kW**	-	-	1,15 kW**	-
Filter class (supply / extract air) integrated	F7/G4	M5/G3	M5/G3	F7/G4	M5/G4	M5/G4	F7/M5	M5/M5
Motorized by-pass damper	-	x	-	x	-	-	x	-
Maintanance side: convertable	-	-	-	-	-	-	-	-
Maintanace side: left or right	-	x	x	x	x	-	-	-
Integrated control system	-	x	x	x	x	x	x	x
Comply with ErP 2013	+	+	+	+	+	+	+	+



RIS TECHNICAL DATA	700 <b>NEW!</b>					
	RIS 700VE EKO 3.0 RIS 700VW EKO 3.0	RIS 700HE EKO 3.0 RIS 700HW EKO 3.0	RIS 700VE RIS 700VW	RIS 700HE RIS 700HW	RIS 700PE EKO 3.0 RIS 700PW EKO 3.0	RIS 700PE RIS 700PW
Housing type	Vertical	Horizontal	Vertical	Horizontal	Ceiling mounted	Ceiling mounted
Max airflow (m³/h) at 0 Pa	850	830	780	820	853	700
Insulation (mm)	30	30	30	50	30	30
Connection diameter (mm)	250	250	200	250	250	250
Fan type	EC	EC	AC	AC	EC	AC
Power consumption for 1 fan (kW)	0,28	0,2	0,2	0,23	0,22	0,21
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 1,2 kW	E - 1,2 kW	E - 3 kW	E - 3 kW	E-1,2/3/4,5 kW	E - 3 kW
	W - 5,17 kW*	W - 5,17 kW*	W - 4,7 kW*	W - 4,7kW	W - 5,17 kW*	W - 4,7 kW
Cooler : 7 / 12 °C	1,76 kW**	1,76 kW**	-	-	1,5/3/4,5 kW**	-
Filter class (supply / extract air) integrated	F7/M5	F7/M5	M5/G3	M5/G3	F7/M5	M5/M5
Motorized by-pass damper	x	x	-	-	x	-
Maintanance side: convertable	-	x	-	x	-	-
Maintanace side: left or right	x	-	x	-	-	-
Integrated control system	x	x	x	x	x	x
Comply with ErP 2013	+	+	+	+	+	+

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct



**NEW!**

RIS TECHNICAL DATA	1000			1200		
	RIS 1000VE	RIS 1000HE	RIS 1000PE	RIS 1200VE EKO 3.0	RIS 1200HE EKO 3.0	RIS 1200PE EKO 3.0
	RIS 1000VW	RIS 1000HW	RIS 1000PW	RIS 1200VW EKO 3.0	RIS 1200HW EKO 3.0	RIS 1200PW EKO 3.0
Housing type	Vertical	Horizontal	Ceiling mounted	Vertical	Horizontal	Ceiling mounted
Max airflow (m <sup>3</sup> /h) at 0 Pa	1260	1270	1200	1390	1330	1380
Insulation (mm)	50	50	30	50	50	50/30
Connection diameter (mm)	315	315	315	315	315	500x250
Fan type	AC	AC	AC	EC	EC	EC
Power consumption for 1 fan (kW)	0,24	0,23	0,303	0,43	0,46	0,37
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 6 kW	E - 6 kW	E - 6 kW	E - 2 kW	E - 2 kW	E - 3/6/9 kW
	W - 6,7 kW	W - 6,75 kW	W - 11,3 kW*	W - 11,3 kW*	W - 11,3 kW*	W - 10,98 kW*
Cooler : 7 / 12 °C	-	-	3,84 kW**	4,39 kW**	4,39 kW**	-
Filter class (supply / extract air) integrated	M5/M5	M5/M5	M5/M5	F7/M5	F7/M5	F7/M5
Motorized by-pass damper	x	x	x	x	x	x
Maintanance side: convertable	-	x	-	-	x	-
Maintanace side: left or right	x	-	-	x	-	-
Integrated control system	x	x	x	x	x	x
Comply with ErP 2013	+	+	-	+	+	+



**NEW!**

RIS TECHNICAL DATA	1500			1900			
	RIS 1500VE	RIS 1500HE	RIS 1500PE	RIS 1900HE EKO 3.0	RIS 1900VE	RIS 1900PE EKO 3.0	RIS 1900HE
	RIS 1500VW	RIS 1500HW	RIS 1500PW	RIS 1900HW EKO 3.0	RIS 1900VW	RIS 1900PW EKO 3.0	RIS 1900HW
Housing type	Vertical	Horizontal	Ceiling mounted	Horizontal	Verticale	Ceiling mounted	Horizontal
Max airflow (m <sup>3</sup> /h) at 0 Pa	1570	1540	1660	2190	1980	2290	2030
Insulation (mm)	50	50	50	50	50	50	50
Connection diameter (mm)	315	315	500x250	400	400	700x300	400
Fan type	AC	AC	AC	EC	AC	EC	AC
Power consumption for 1 fan (kW)	0,38	0,37	0,37	0,55	0,65	0,49	0,67
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 9 kW	E - 9 kW	E - 9 kW	E - 3 kW	E -15 kW	E - 12/6/3 kW	E - 15 kW
	W - 9,4 kW	W-10,1 kW	W - 10,1 kW*	W - 3,2 kW*	W - 12,8 kW	W - 18,6 kW*	W - 12,8 kW
Cooler : 7 / 12 °C	-	-	-	9,5 kW**	-	-	-
Filter class (supply / extract air) integrated	M5/M5	M5/M5	M5/M5	F7/M5	M5/M5	F7/M5	M5/M5
Motorized by-pass damper	x	x	x	x	x	x	x
Maintanance side: convertable	-	x	-	x	-	-	x
Maintanace side: left or right	x	-	-	-	x	-	-
Integrated control system	x	x	x	x	x	x	x
Comply with ErP 2013	+	+	+	+	-	+	-

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct

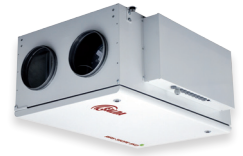


**NEW!**

RIS TECHNICAL DATA	2500			3500		5500	
	RIS 2500HE EKO 3.0	RIS 2500HE EC 3.0	RIS 2500PE EKO 3.0	RIS 3500HE EKO 3.0	RIS 3500HE EC 3.0	RIS 5500HE EKO 3.0	RIS 5500HE EC 3.0
	RIS 2500HW EKO 3.0	RIS 2500 HW EC 3.0	RIS 2500PW EKO 3.0	RIS 3500HW EKO 3.0	RIS 3500HW EC 3.0	RIS 5500HW EKO 3.0	RIS 5500 HW EC 3.0
Housing type	Horizontal	Horizontal	Ceiling mounted	Horizontal	Horizontal	Horizontal	Horizontal
Max airflow (m³/h) at 0 Pa	3330	3000	2900	4130	450	6210	6500
Insulation (mm)	50	50	50	50	50	50	50
Connection diameter (mm)	600x350	600x350	700x400	800x500	600x350	800x500	800x500
Fan type	EC	EC	EC	EC	EC	EC	EC
Power consumption for 1 fan (kW)	1	0,72	0,72	1,17	1,37	1,87	2,03
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 3,6 kW	E - 18 kW	E - 18/9/4,5 kW	E - 6 kW	E - 24 kW	E - 12 kW	E - 30 kW
	W - 4,2 kW*	W - 21,29 kW*	W - 22,3 kW*	W - 5,9 kW*	W - 28,27 kW*	W - 9,3 kW*	W - 49,81 kW*
Cooler : 7 / 12 °C	12,4 kW**	12,4 kW**	-	21 kW**	21 kW**	26,3 kW**	26,3 kW**
Filter class (supply / extract air) integrated	F7/M5	M5/M5	F7/M5	F7/M5	M5/M5	F7/M5	M5/M5
Motorized by-pass damper	x	x	x	x	x	x	x
Maintanance side: convertable	-	x	-	-	x	-	x
Maintanace side: left or right	-	-	-	-	-	x	-
Integrated control system	x	x	x	x	x	x	x
Comply with ErP 2013	+	+	+	+	+	+	+

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct



RIRS TECHNICAL DATA	200		300		350	
	RIRS 200VE EKO		RIRS 300VE EKO		RIRS 350PE EKO	
	RIRS 200VW EKO				RIRS 350PW EKO	
Housing type	Vertical		Vertical		Ceiling mounted	
Max airflow (m³/h) at 0 Pa	260		300		420	
Insulation (mm)	20		20		30	
Connection diameter (mm)	125		125		200	
Fan type	EC		EC		EC	
Power consumption for 1 fan (kW)	0,07		0,12		0,14	
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E-0,6 kW		E - 0,6 kW		E - 0,6 kW	
Cooler : 7 / 12 °C	0,65 kW**		0,8 kW**		1,07 kW**	
Filter class (supply / extract air) integrated	M5/M5		M5/F5		F7/M5	
Motorized by-pass damper	x		x		-	
Maintanance side: convertable	-		-		-	
Integrated control system	x		x		x	
Comply with ErP 2013	+		+		+	

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct



RIRS TECHNICAL DATA	400			
	RIRS 400VE EKO 3.0		RIRS 400HE EKO 3.0	
	RIRS 400VW EKO 3.0		RIRS 400HW EKO 3.0	
Housing type	Vertical		Horizontal	
Max airflow (m³/h) at 0 Pa	490		545	
Insulation (mm)	50		50	
Connection diameter (mm)	160		200	
Fan type	EC		EC	
Power consumption for 1 fan (kW)	0,14		0,13	
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 1,2 kW		E - 1,2 kW	
	W-2,02 kW*		W-2,02 kW*	
Cooler : 7 / 12 °C	0,94 kW**		0,94 kW**	
Filter class (supply / extract air) integrated	F7/M5		F7/M5	
Motorized by-pass damper	-		x	
Maintanance side: convertable	x		-	
Integrated control system	x		x	
Comply with ErP 2013	+		+	

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct



RIRS TECHNICAL DATA	700			
	RIRS 700VE EKO 3.0	RIRS 700HE EKO 3.0	RIRS 700VE	RIRS 700HE
	RIRS 700VW EKO 3.0	RIRS 700HW EKO 3.0	RIRS 700VW	RIRS 700HW
Housing type	Vertical	Horizontal	Vertical	Horizontal
Max airflow (m³/h) at 0 Pa	890	830	810	920
Insulation (mm)	50	50	50	50
Connection diameter (mm)	250	250x125	250	250
Fan type	EC	EC	AC	AC
Power consumption for 1 fan (kW)	0,22	0,21	0,28	0,3
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 1,2 kW	E - 2,0 kW	E - 2,0 kW	E - 2,0 kW
	W - 3,54 kW**	W - 3,54 kW**	W - 3,54 kW*	W - 3,45 kW*
Cooler : 7 / 12 °C	2,5 kW**	2,5 kW**	-	-
Filter class (supply / extract air) integrated	F7/M5	F7/M5	M5/M5	M5/M5
Motorized by-pass damper	-	x	-	x
Maintanance side: convertable	-	-	x	-
Integrated control system	x	x	x	x
Comply with ErP 2013	+	+	+	+

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct



RIRS TECHNICAL DATA	1200		1500	
	RIRS 1200VE EKO 3.0	RIRS 1200HE EKO 3.0	RIRS 1500VE	RIRS 1500HE
	RIRS 1200VW EKO 3.0	RIRS 1200HW EKO 3.0	RIRS 1500VW	RIRS 1500HW
Housing type	Vertical	Horizontal	Vertical	Horizontal
Max airflow (m³/h) at 0 Pa	1530	1520	1640	1700
Insulation (mm)	50	50	50	50
Connection diameter (mm)	315	315	315	315
Fan type	EC	EC	AC	AC
Power consumption for 1 fan (kW)	0,42	0,44	0,39	0,39
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 4,0 kW	E - 4,0 kW	E - 4,5kW	E - 4,5 kW
	W - 12,03 kW	W - 12,03 kW	W-7,58 kW*	W - 7,58 kW
Cooler : 7 / 12 °C	4,39 kW**	4,39 kW**	-	-
Filter class (supply / extract air) integrated	F7/M5	F7/M5	F5/M5	M5/M5
Motorized by-pass damper	-	x	-	x
Maintanance side: convertable	x	-	x	-
Integrated control system	x	x	x	x
Comply with ErP 2013	+	+	+	+

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct





RIRS TECHNICAL DATA	1900	
	RIRS 1900VE EKO 3.0	RIRS 1900HE EKO 3.0
	RIRS 1900VW EKO 3.0	RIRS 1900HW EKO 3.0
Housing type	Vertical	Horizontal
Max airflow (m³/h) at 0 Pa	2210	2130
Insulation (mm)	50	50
Connection diameter (mm)	315	315
Fan type	EC	EC
Power consumption for 1 fan (kW)	0,57	0,57
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 9,0 kW	E - 9,0 kW
	W - 35,3 kW	W - 35,3 kW
Cooler : 7 / 12 °C	5,58 kW**	5,58 kW**
Filter class (supply / extract air) integrated	F7/M5	F7/M5
Motorized by-pass damper	-	x
Maintenance side: convertable	x	-
Integrated control system	x	x
Comply with ErP 2013	+	+

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct



RIRS TECHNICAL DATA	2500	3500	5500
	RIRS 2500HE EKO	RIRS 3500HE EKO	RIRS 5500HE EKO
	RIRS 2500HW EKO	RIRS 3500HW EKO	RIRS 5500HW EKO
Housing type	Horizontal	Horizontal	Horizontal
Max airflow (m³/h) at 0 Pa	2992	4545	7015
Insulation (mm)	50	50	50
Connection diameter (mm)	700x400	700x400	800x500
Fan type	EC	EC	EC
Power consumption for 1 fan (kW)	0,75	1,3	2,0
Heater type and max power consumption (kW)* E-electrical; W-water (80/60 °C).	E - 9,0 kW	E - 12,0kW	E - 15,0kW
	W - 24,35 kW	W - 30,0 kW	W - 47,21 kW
Cooler : 7 / 12 °C	5,77 kW**	5,77 kW**	8,77 kW**
Filter class (supply / extract air) integrated	F7/M5	F7/M5	F7/M5
Motorized by-pass damper	x	x	x
Maintenance side: convertable	-	-	-
Integrated control system	x	x	x
Comply with ErP 2013	+	+	+

\* Water heater supplied optionally and installed on the duct

\*\* Water cooler supplied optionally and installed on the duct





