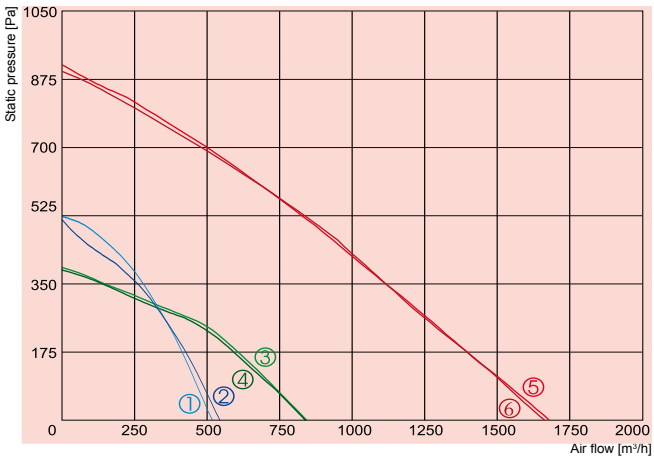


① supply
② exhaust

RIRS 400HE EKO

③ supply
④ exhaust

RIRS 700HE EKO

⑤ supply
⑥ exhaust

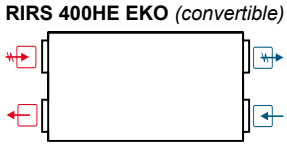
RIRS 1500HE EKO

			400HE EKO	700HE EKO	1500HE EKO
Heater	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~3, 400
	-power consumption	[kW]	1,2	2,0	4,5
Fans	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~1, 230
exhaust	-power/current	[kW/A]	0,173/1,28	0,173/1,30	0,518/3,25
	-fan speed	[min⁻¹]	2520	1740	3580
supply	-power/current	[kW/A]	0,175/1,31	0,173/1,29	0,524/3,30
	-fan speed	[min⁻¹]	2520	1740	3580
Motor protection class			IP-44	IP-44	IP-54
Thermal efficiency			75%	74%	74%
Max power consumption		[kW/A]	1,55/7,82	2,35/11,36	5,56/13,20
Automatic control			integrated	integrated	integrated
Filter class	-exhaust		EU5	EU5	EU5
	-supply		EU5	EU5	EU5
Thermal insulation		[mm]	50	50	50
Weight		[kg]	70,0	96,0	159,0

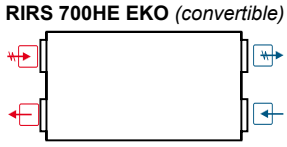
Air flow temperature range from -20°C to +40°C
Designed for operation indoors only

Thermal efficiency of RIRS 400HE EKO was measured at 400m³/h at temperature range from -20°C to +20°C
Thermal efficiency of RIRS 700HE EKO was measured at 700m³/h at temperature range from -20°C to +20°C
Thermal efficiency of RIRS 1500HE EKO was measured at 1500m³/h at temperature range from -20°C to +20°C

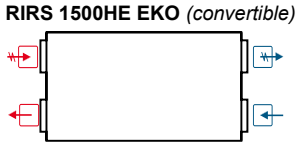
RIRS 400HE EKO *(convertible)* **ver.**



RIRS 700HE EKO *(convertible)* **ver.**

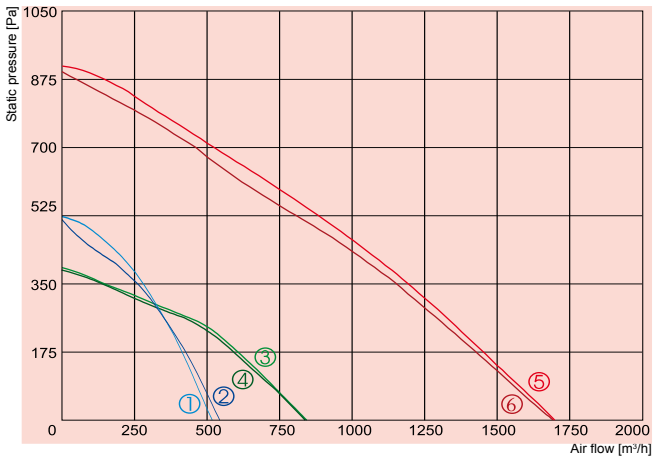


RIRS 1500HE EKO *(convertible)* **ver.**



View from inspection side

Exhaust air | Extract air | Fresh air | Supply air



① supply
② exhaust

RIRS 400HW EKO

③ supply
④ exhaust

RIRS 700HW EKO

⑤ supply
⑥ exhaust

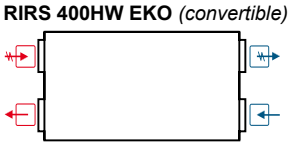
RIRS 1500HW EKO

			400HW EKO	700HW EKO	1500HW EKO
Water heater	-power	[kW]	AVS 160	AVS 250	5,45
	-water . T_{in}/T_{out}	[°C]			80/60
	-water flow rate	[l/s]			0,07
	-water pressure drop	[kPa]			2,3
	-kvs value	[m³/h]			1,7
Fans	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~1, 230
exhaust	-power/current	[kW/A]	0,173/1,28	0,173/1,30	0,509/3,21
	-fan speed	[min^{-1}]	2520	1740	3580
supply	-power/current	[kW/A]	0,175/1,31	0,173/1,29	0,521/3,26
	-fan speed	[min^{-1}]	2520	1740	3580
Motor protection class			IP-44	IP-44	IP-44
Thermal efficiency			75%	74%	74%
Max power consumption		[kW/A]	0,35/2,61	0,35/2,67	1,05/6,63
Automatic control			integrated	integrated	integrated
Filter class	-exhaust		EU5	EU5	EU5
	supply		EU5	EU5	EU5
Thermal insulation		[mm]	50	50	50
Weight		[kg]	70,0	96,0	165,0

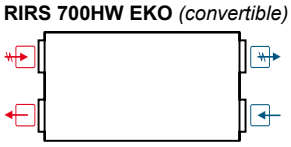
Air flow temperature range from -20°C to +40°C
Designed for operation indoors only

Thermal efficiency of RIRS 400HW EKO was measured at 400m³/h at temperature range from -20°C to +20°C
Thermal efficiency of RIRS 700HW EKO was measured at 700m³/h at temperature range from -20°C to +20°C
Thermal efficiency of RIRS 1500HW EKO was measured at 1500m³/h at temperature range from -20°C to +20°C

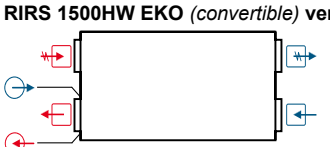
RIRS 400HW EKO *(convertible)* **ver.**



RIRS 700HW EKO *(convertible)* **ver.**



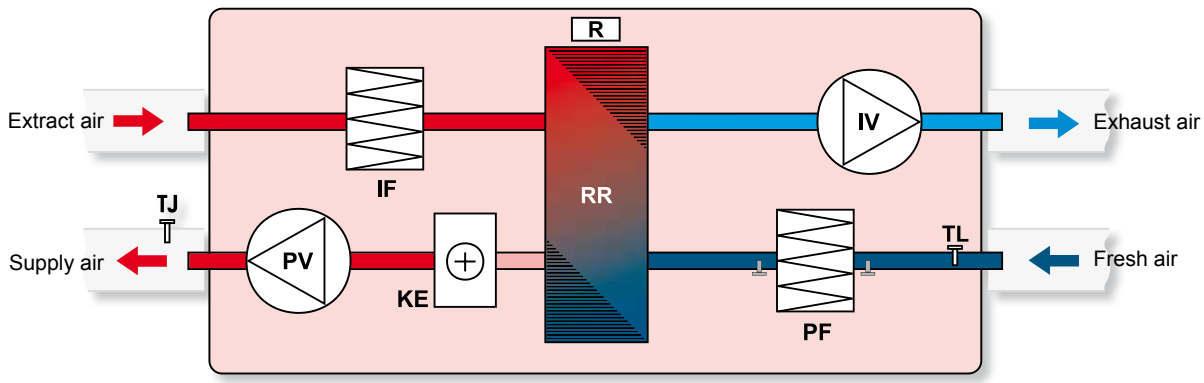
RIRS 1500HW EKO *(convertible)* **ver.**



View from inspection side

Used water outlet | Hot water inlet
Exhaust air | Extract air | Fresh air | Supply air

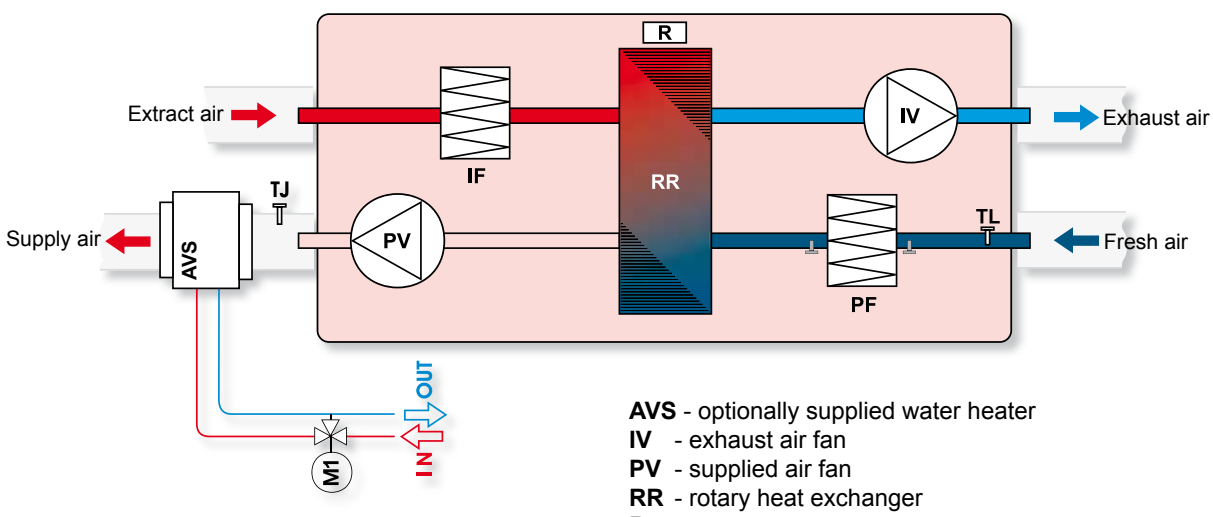
RIRS 400HE EKO; 700HE EKO; 1500HE EKO (horizontal) versions with electrical heater *



IV - exhaust air fan
PV - supplied air fan
RR - rotary heat exchanger
R - rotor motor
KE - electrical heater
PF - fresh air filter (class EU5)
I F - extract air filter (class EU5)
TJ - air temperature sensor *
TL - air temperature sensor *

* - supplied with integrated automatic controll (RIRS 400HE, RIRS 700HE, RIRS 1500HE). It is optional for other RIRS models.

RIRS 400HW EKO; 700HW EKO (horizontal) versions with water heater



AVS - optionally supplied water heater
IV - exhaust air fan
PV - supplied air fan
RR - rotary heat exchanger
R - rotor motor
PF - fresh air filter (class EU5)
I F - extract air filter (class EU5)
TJ - air temperature sensor
TL - air temperature sensor
M1 - optionally supplied mixing valve and motor