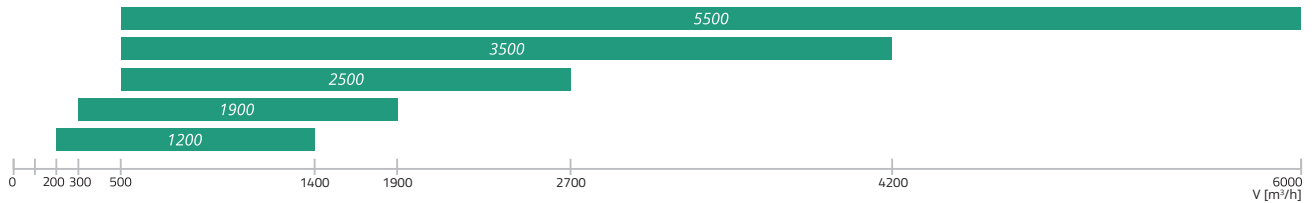
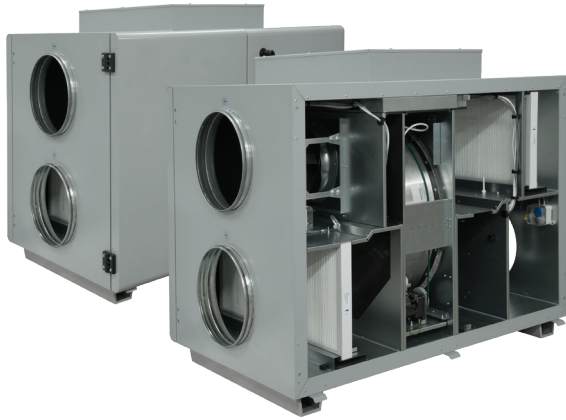
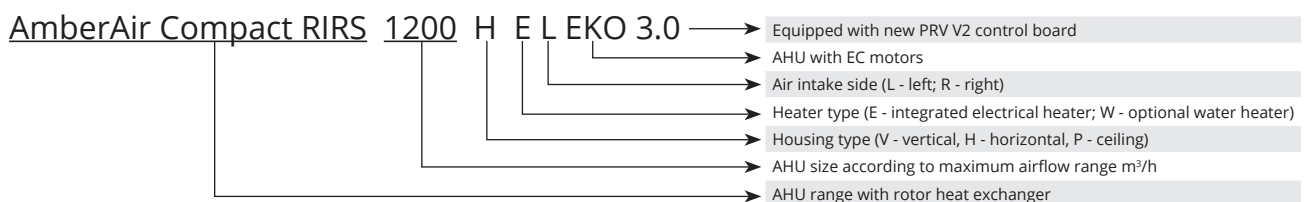


AMBERAIR COMPACT RIRS H EKO



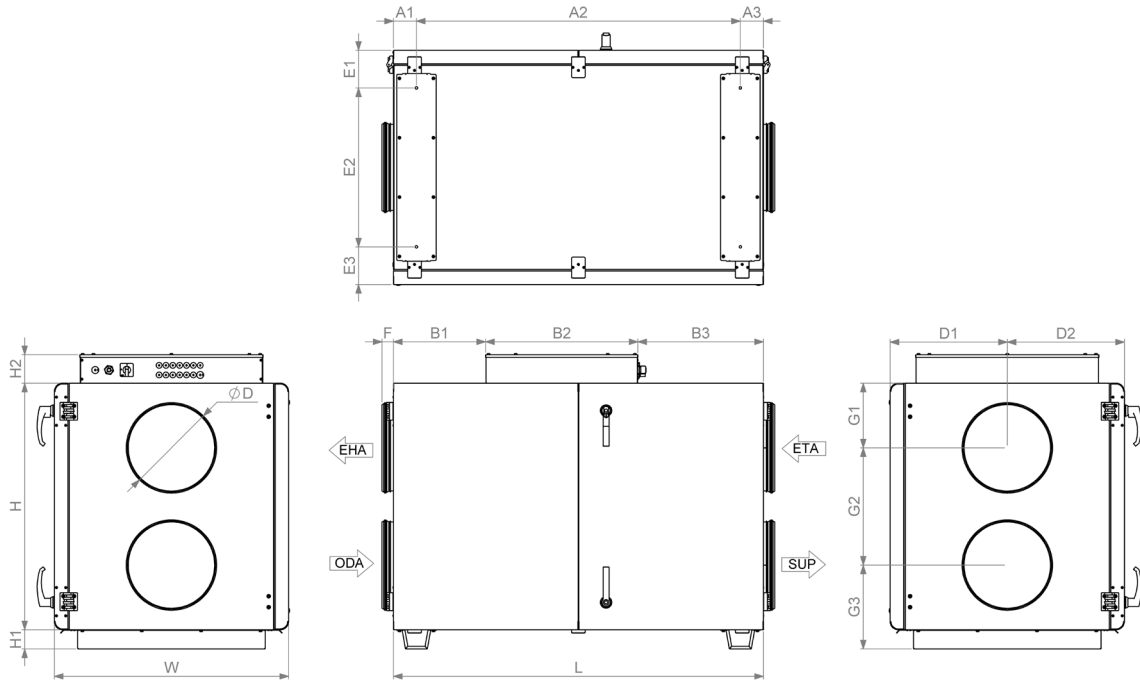
AIR HANDLING UNITS

Application	Ventilation of houses, small public buildings, offices or other heated premises (classrooms, apartments, conference rooms, etc.).
Description	<p>AmberAir Compact RIRS H EKO 3.0 is a range of heat recovery units with high-efficiency rotor heat exchangers. The units are designed for horizontal placement in auxiliary heated or non-heated premises (basements, boiler rooms, etc.) or outdoors (with roofing).</p> <p>There are 5 sizes (airflow interval 1400-6000 m³/h) with separate heaters available for different climate zones. AmberAir Compact RIRS H EKO 3.0 units have high overall energy savings due to the highly efficient heat recovery (up to 85%), quiet and economical EC fans, effective low pressure drop filters and top-level of air tightness. All AmberAir Compact RIRS H EKO 3.0 units are fully equipped with automatic controls. Optional external sensors for CO₂ and humidity and the summer mode feature will guarantee the highest comfort (demand-level control).</p> <p>AmberAir Compact RIRS H EKO 3.0 units are service-friendly and easy to mount. Filter pollution identified by contamination controls. Rotor fault indicator is included in every AHU. All units are supplied tested and ready to install.</p>
Controls	<p>Three remote control options are available:</p> <ol style="list-style-type: none"> 1. Flex, Stouch or SA Control remote controllers. 2. Building management system connections. 3. Remote control via PC MB-Gateway.
The main Features	<ul style="list-style-type: none"> › Efficient rotor heat exchanger with up to 85% heat recovery. › Water/electrical heating options. › Easy and quick mounting. › Controlled airflow. › Fully integrated plug-and-play control system. › Outdoor versions and convertible inspection side.
Rotor	<ul style="list-style-type: none"> › Eurovent certified. › Plate gap 1,4-1,9 mm. › Rotor fault indicator. › Minimal airflow mixing. › Appropriate "Purge sector" size (for AmberAir Compact RIRS 2500, 3500 and 5500 H EKO 3.0).
Construction	<ul style="list-style-type: none"> › Frameless construction from double-skinned steel, with powder coated paint, panels. › Acoustic and thermal wall insulation – 50 mm. › Hinged door with locks grants easy access to internal components. › Separate compartment on the side of the unit grants quick access to the control board (plug-and-play). › Three sensors for fresh, supply and extract air temperatures. › Anti-vibration pads (optional for AmberAir Compact RIRS 1200-1900 H EKO 3.0; standard for AmberAir Compact RIRS 2500-5500 H EKO 3.0). › Integrated electrical heater or optional water heater/cooler (on duct). › Water heater with frost protection kit available. › Low pressure drop filters: ePM10 55 / ePM1 70. › AmberAir Compact RIRS 1200-5500 H EKO 3.0 optional roof and outlet covers for outdoor placement. › AmberAir Compact RIRS 2500-5500 H EKO 3.0 delivered in three sections › AmberAir Compact RIRS 2500-5500 H EKO 3.0 integrated motorized dampers for fresh and exhaust air. › Integrated pressure switch for filter pollution alarm. › RHX versions (rotor speed control, using stepper motor and driver).

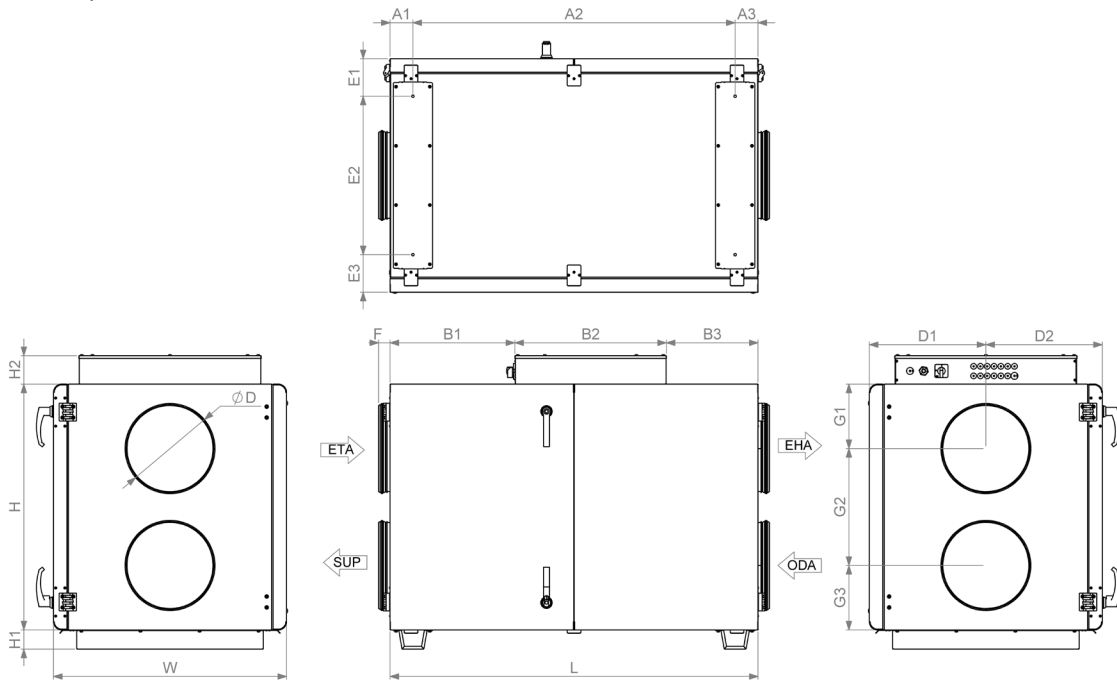


AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 1200-1900H R EKO 3.0



AmberAir Compact RIRS 1200-1900H L EKO 3.0



Dimensions [mm]

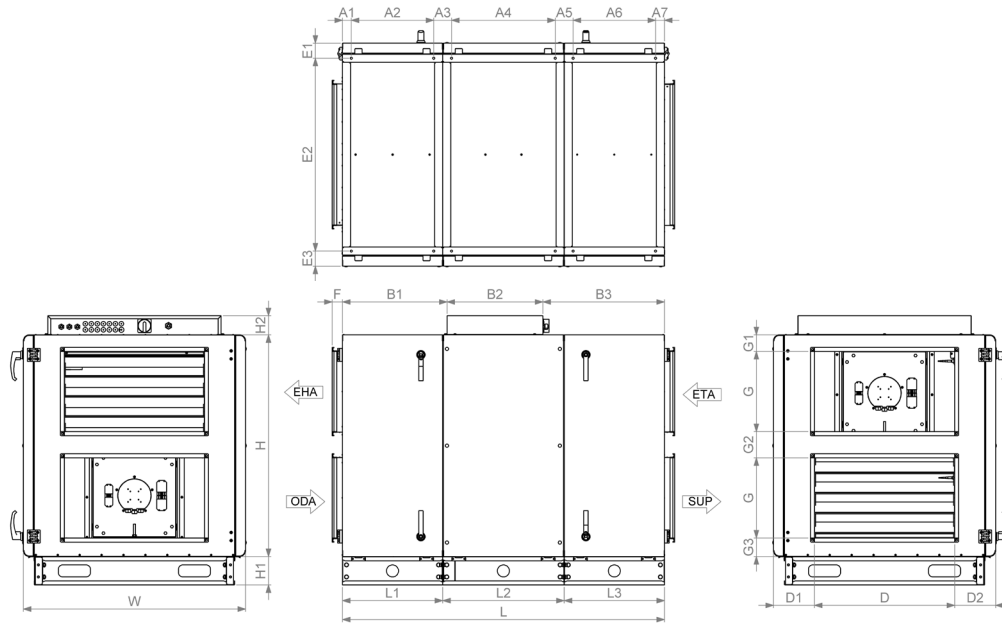
Unit	L	W	H	ØD	F	H1	H2	A1	A2	A3	B1
AmberAir Compact RIRS 1200-1900HER/HWR EKO 3.0	1350	855	900	315	41	70	105	84	1182	84	338
AmberAir Compact RIRS 1200-1900HEL/HWL EKO 3.0	1350	855	900	315	41	70	105	84	1182	84	459

Dimensions [mm]

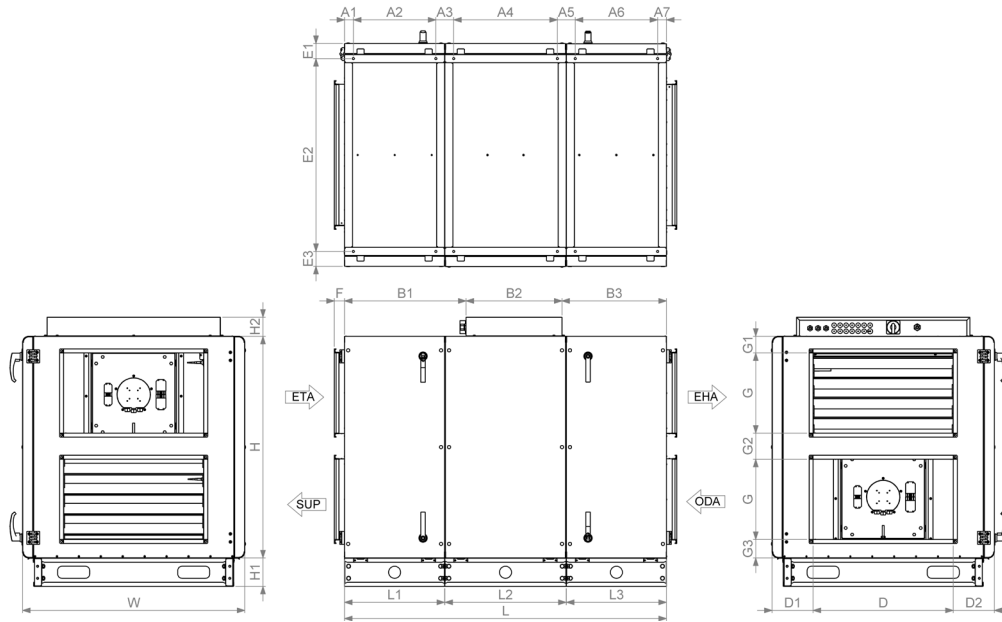
Unit	B2	B3	D1	D2	E1	E2	E3	G1	G2	G3
AmberAir Compact RIRS 1200-1900HER/HWR EKO 3.0	553	459	428	428	138	580	138	236	428	236
AmberAir Compact RIRS 1200-1900HEL/HWL EKO 3.0	553	338	428	428	138	580	138	236	428	236

AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 2500-3500H R EKO 3.0



AmberAir Compact RIRS 2500-3500H L EKO 3.0



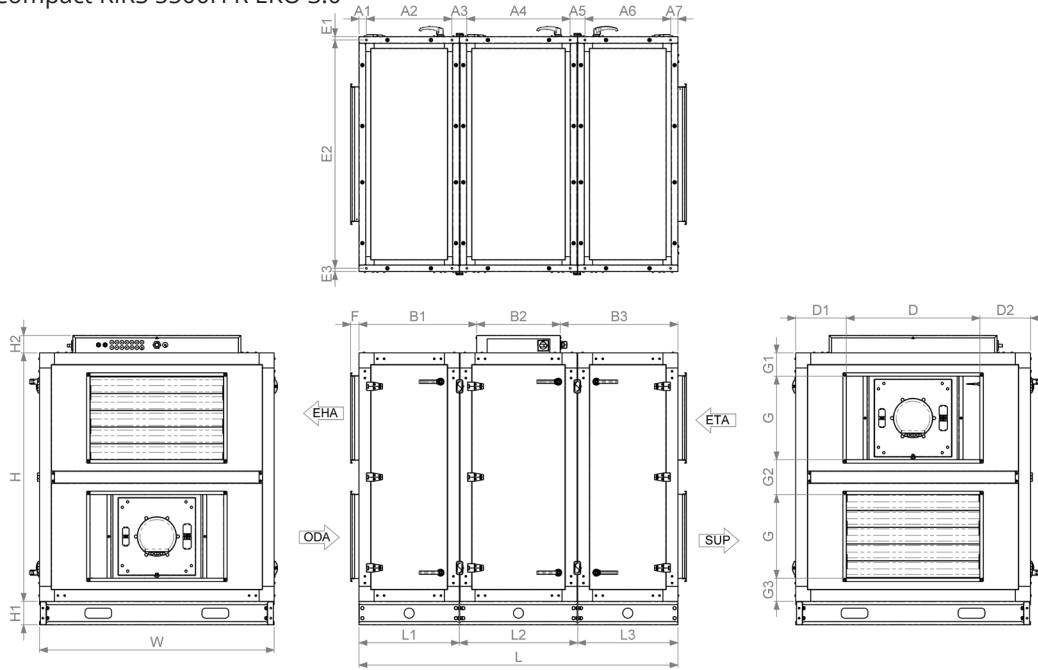
AIR HANDLING UNITS

Unit	Dimensions [mm]														
	L	W	H	D	G	L1	L2	L3	F	H1	H2	A1	A2	A3	A4
AmberAir Compact RIRS 2500HER/HWR EKO 3.0	1608	1110	1105	700	400	500	606	500	51	141	95	44	412	89	518
AmberAir Compact RIRS 2500HEL/HWL EKO 3.0	1608	1110	1105	700	400	500	606	500	51	141	95	44	412	89	518
AmberAir Compact RIRS 3500HER/HWR EKO 3.0	1900	1205	1300	700	400	630	630	630	51	141	132	48	536	89	556
AmberAir Compact RIRS 3500HEL/HWL EKO 3.0	1900	1205	1300	700	400	630	630	630	51	141	132	48	536	89	556

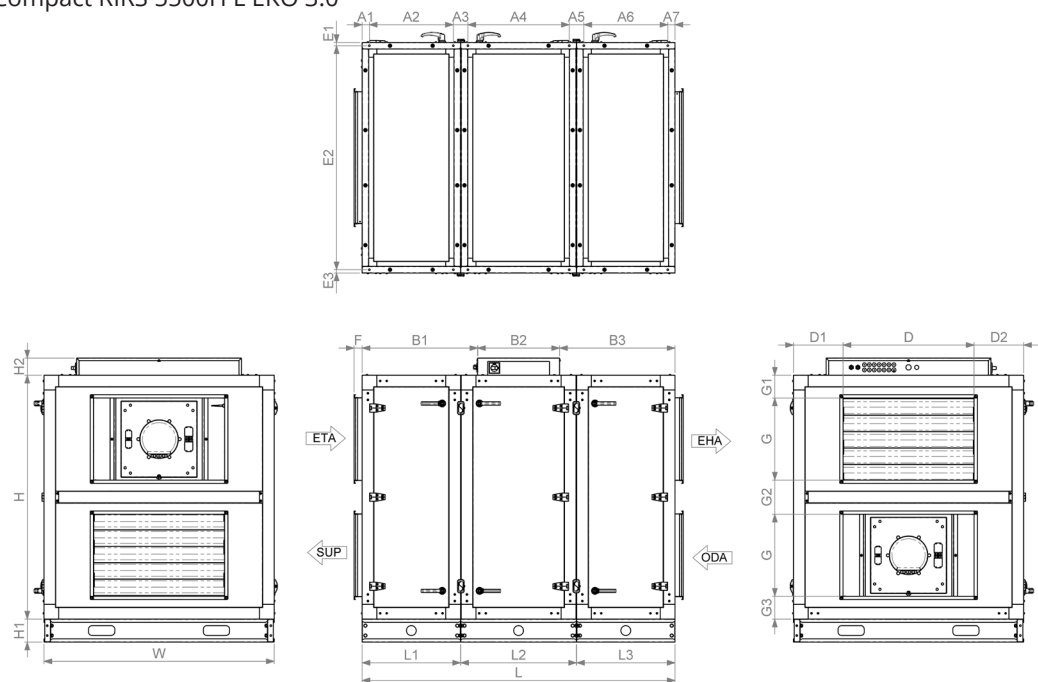
Unit	Dimensions [mm]														
	A5	A6	A7	B1	B2	B3	D1	D2	E1	E2	E3	G1	G2	G3	
AmberAir Compact RIRS 2500HER/HWR EKO 3.0	89	412	44	522	477	608	204	204	75	960	75	82	128	91	
AmberAir Compact RIRS 2500HEL/HWL EKO 3.0	89	412	44	608	477	522	204	204	75	960	75	82	128	91	
AmberAir Compact RIRS 3500HER/HWR EKO 3.0	89	536	48	686	545	670	250	250	102	1000	102	145	205	142	
AmberAir Compact RIRS 3500HEL/HWL EKO 3.0	89	536	48	670	545	686	250	250	102	1000	102	145	205	142	

AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 5500H R EKO 3.0



AmberAir Compact RIRS 5500H L EKO 3.0



AIR HANDLING UNITS

Unit	Dimensions [mm]														
	L	W	H	D	G	L1	L2	L3	F	H1	H2	A1	A2	A3	A4
AmberAir Compact RIRS 5500HER/HWR EKO 3.0	1910	1405	1485	800	500	600	700	600	50	140	105	44	512	89	618
AmberAir Compact RIRS 5500HEL/HWL EKO 3.0	1910	1405	1485	800	500	600	700	600	50	140	105	44	512	89	618

Unit	Dimensions [mm]														
	A5	A6	A7	B1	B2	B3	D1	D2	E1	E2	E3	G1	G2	G3	
AmberAir Compact RIRS 5500HER/HWR EKO 3.0	89	512	44	704	500	704	300	300	20	1364	20	138	205	138	
AmberAir Compact RIRS 5500HEL/HWL EKO 3.0	89	512	44	704	500	704	300	300	20	1364	20	138	205	138	

AMBERAIR COMPACT RIRS H EKO


















Unit	Optional accessories								
	Flex Stouch SA Control MB-Gateway	S-1141 S-RC02-F2 S-KFF-U	AKS SKG AP	AVS AVA	SKS	SVS	SP Supply	SP Exhaust	TJP 10P CO4C***
AmberAir Compact RIRS 1200HE EKO 3.0	+	+	315	315	-	-	LM230A-TP	LM230A-TP	-
AmberAir Compact RIRS 1200HW EKO 3.0	+	+	315	315	-	-	LF230	LM230A-TP	incl
AmberAir Compact RIRS 1900HE EKO 3.0	+	+	315	315	-	-	LM230A-TP	LM230A-TP	-
AmberAir Compact RIRS 1900HW EKO 3.0	+	+	315	315	-	-	LF230	LM230A-TP	incl
AmberAir Compact RIRS 2500HE EKO 3.0	+	+	-	-	700x400	-		int	-
AmberAir Compact RIRS 2500HW EKO 3.0	+	+	-	-	700x400	700x400		int	incl
AmberAir Compact RIRS 3500HE EKO 3.0	+	+	-	-	700x400	-		int	-
AmberAir Compact RIRS 3500HW EKO 3.0	+	+	-	-	700x400	700x400		int	incl
AmberAir Compact RIRS 5500HE EKO 3.0	+	+	-	-	800x500	-		int	-
AmberAir Compact RIRS 5500HW EKO 3.0	+	+	-	-	800x500	800x500		int	incl

*** - anti-frost thermostat
incl - included

Unit	Optional accessories							
	EKA NV PH	EKS NV PH	SSB Heating	SSB Cooling	RMG 80/60°C	RMG 60/40°C	VVP/VXP 80/60°C	VVP/VXP 60/40°C
AmberAir Compact RIRS 1200HE EKO 3.0	315	-	-	81	-	-	-	-
AmberAir Compact RIRS 1200HW EKO 3.0	315	-	161	81	3-1,0-4	3-0,63-4	45.10-1,0	45.10-0,63
AmberAir Compact RIRS 1900HE EKO 3.0	315	-	-	81	-	-	-	-
AmberAir Compact RIRS 1900HW EKO 3.0	315	-	161	81	3-1,0-4	3-0,63-4	45.10-1,0	45.10-0,63
AmberAir Compact RIRS 2500HE EKO 3.0	-	-	-	-	-	-	-	-
AmberAir Compact RIRS 2500HW EKO 3.0	-	700x400	161	81	+	+	+	+
AmberAir Compact RIRS 3500HE EKO 3.0	-	700x400	-	-	-	-	-	-
AmberAir Compact RIRS 3500HW EKO 3.0	-	700x400	161	81	+	+	+	+
AmberAir Compact RIRS 5500HE EKO 3.0	-	800x500	-	-	-	-	-	-
AmberAir Compact RIRS 5500HW EKO 3.0	-	800x500	161	81	+	+	+	+

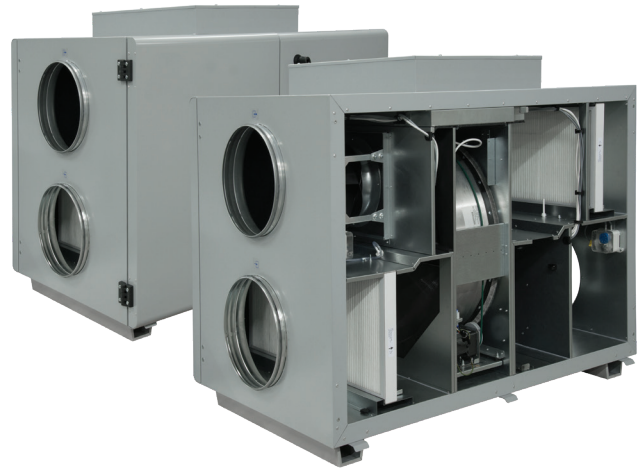
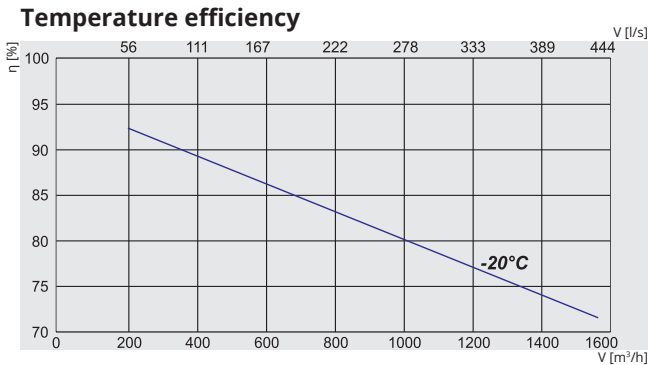
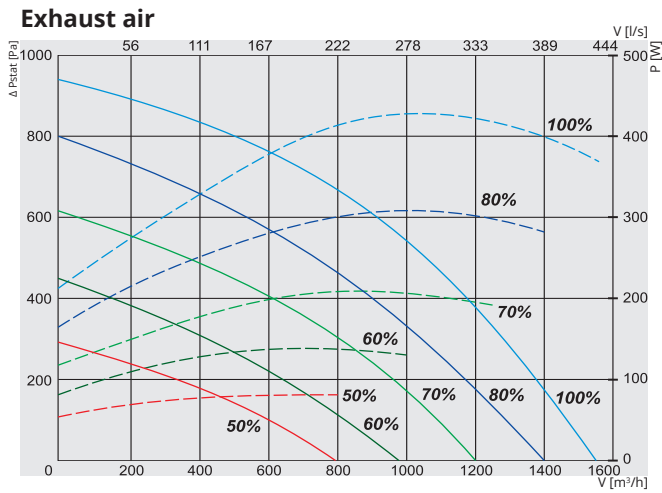
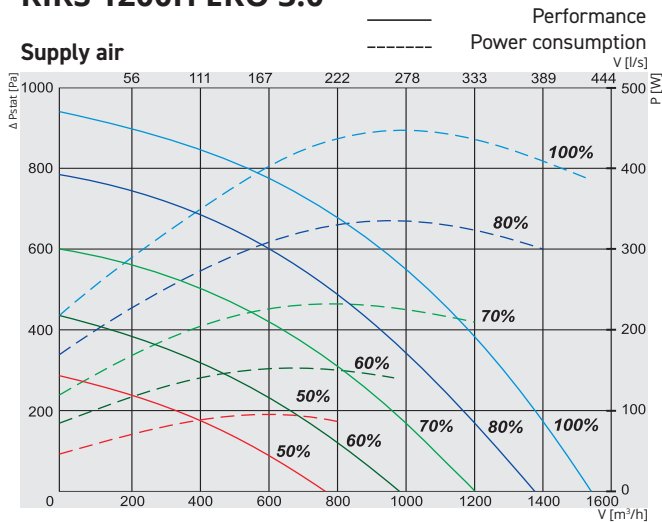
*** - anti-frost thermostat
incl - included

Accessories

Remote controller  SA Control p. 175	Control panel  FLEX p. 177	Remote controller  Stouch p. 176	Net module  MB-Gateway p. 178	Pressure transmitter  S-1141 p. 179	CO ₂ sensor  S-RC02-F2 p. 180	Humidity sensor  S-KFF-U p. 181	Thermic water valve actuator  SSB p. 195
Circular duct silencer  AKS p. 216	Mounting clamp  AP p. 219	Shut-off damper  SKG p. 212	Heating coil  AVS p. 185	Circular duct water cooler  AVA p. 193	Rectangular duct silencer  SKS p. 215	Water heating coil  SVS p. 190	Actuator for dampers  SP p. 210
Temperature sensor  TJP-10K p. 182	Mixing point  RMG p. 196	2 and 3 way valves  VVP/VXP p. 197	Electrical duct pre-heater  EKA NV PH p. 201	Electrical duct pre-heater  EKS NV PH p. 203			

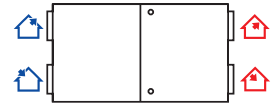
AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 1200H EKO 3.0



1200H EKO 3.0

Air supply side (R - right default, convertible)



View from inspection side

- Exhaust air
- Extract air
- Outdoor air
- Supply air

Article No.	Version
AHU000981	1200HE EKO 3.0 Integrated electrical heater.
AHU000982	1200HW EKO 3.0 Optional water heater.

1200H EKO 3.0	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Supply	77	66	73	71	70	66	62	53
Extract	68	63	64	62	56	46	41	31
Surrounding	57	52	53	47	44	41	35	33

Measured at 1437 m³/h, 102 Pa

Temperature efficiency (balanced mass flow):
 Extract air = 20°C/60%RH
 Outdoor air = -20°C

1200HE / HW EKO 3.0

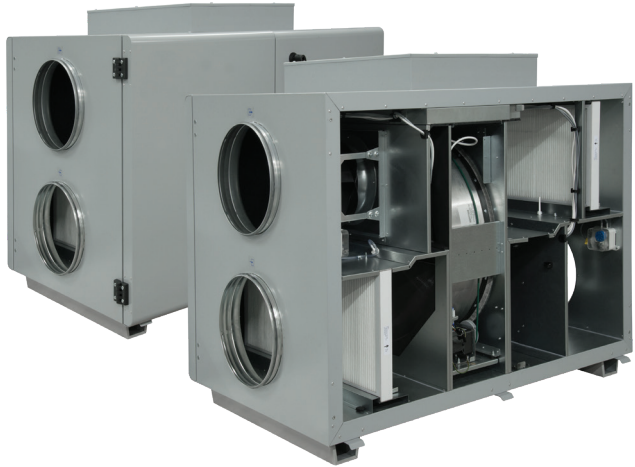
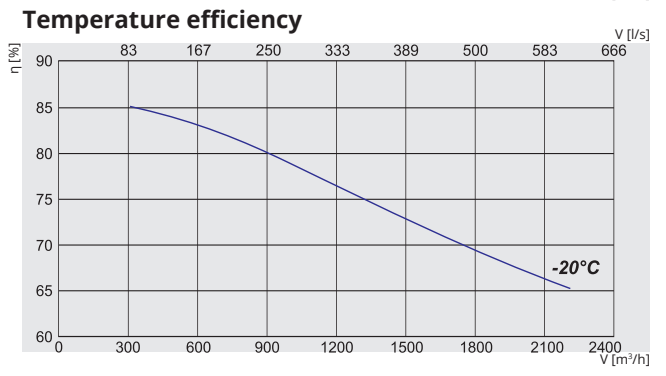
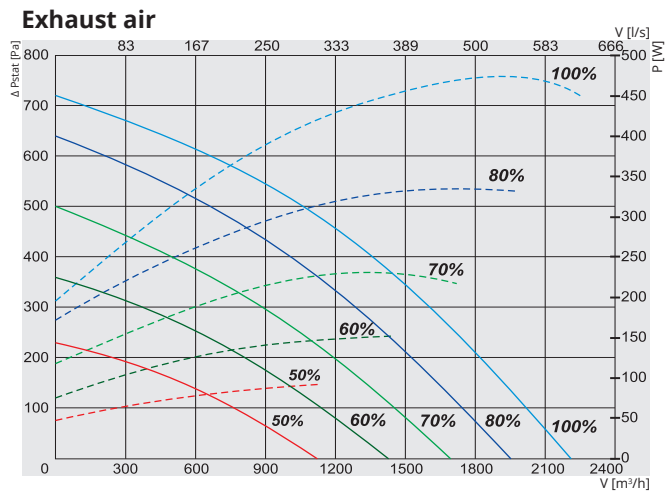
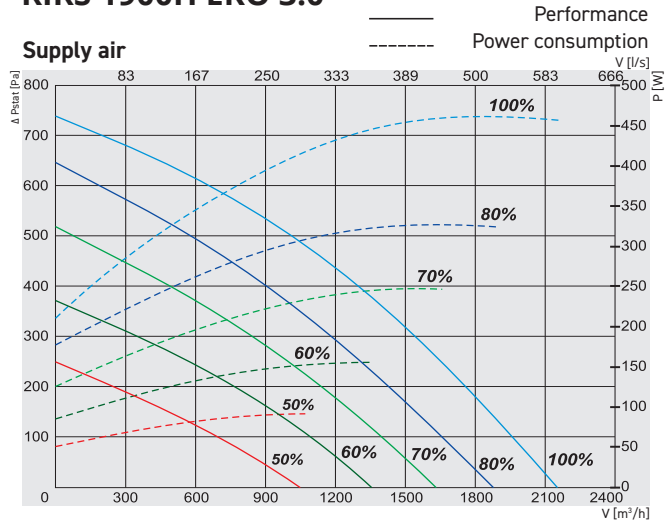
Water heater (optional) HW ver.		AVS 315
Electrical heater HE ver.	phase/voltage	[50Hz/VAC] ~2, 400
		[kW] 4,0
EC fans	phase/voltage	[50Hz/VAC] ~1, 230
exhaust	power/current	[kW/A] 0,444/2,9
	fan speed	[min ⁻¹] 3400
supply	power/current	[kW/A] 0,435/2,8
	fan speed	[min ⁻¹] 3400
Thermal efficiency up to*		75%
Max power consumption HE / HW	[kW/A]	4,9/15,87 0,9/5,87
Control board		PRV V2
Filter class	exhaust/supply	ePM10 55 / ePM1 70
Housing insulation, mineral wool	[mm]	50
Colour	RAL	grey 7040
Weight (net, without packing) HE / HW	[kg]	162
Comply with ERP		2016; 2018
Operation		indoors/outdoors**
Housing protection class	IP	34

* Calculated wet efficiency.

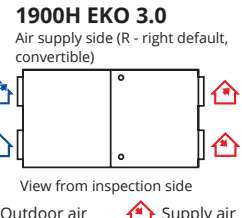
** Under covered area or with roof.

AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 1900H EKO 3.0



AIR HANDLING UNITS



Article No.	Version
AHU000987	1900HE EKO 3.0 Integrated electrical heater.
AHU000988	1900HW EKO 3.0 Optional water heater.

1900H EKO 3.0

	LWA, dB(A)							
	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Lwa total
Supply	79	55	70	70	71	75	72	63
Extract	67	53	65	60	53	54	50	36
Surrounding	61	44	58	53	51	53	50	48

Measured at 1906 m³/h, 100 Pa

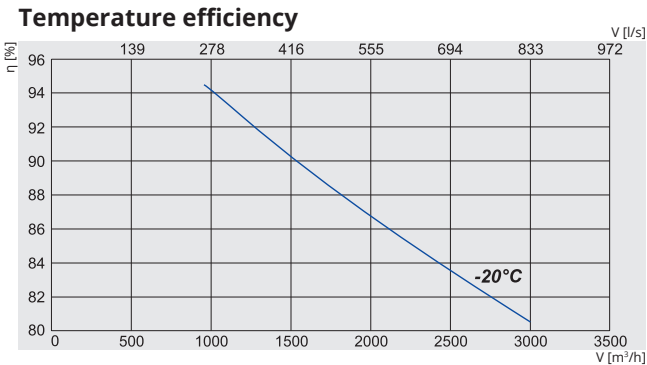
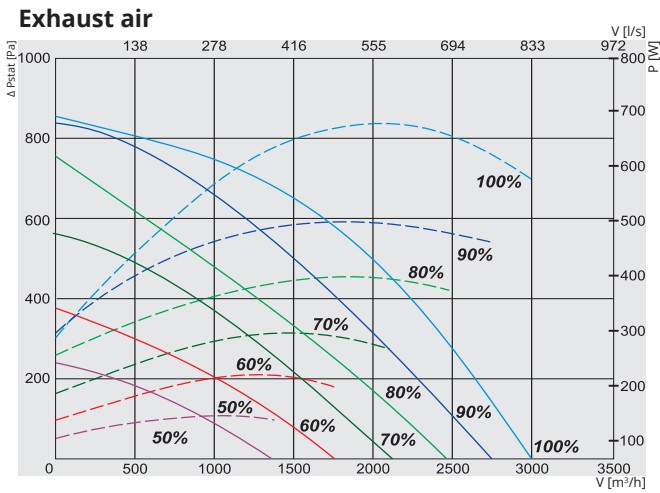
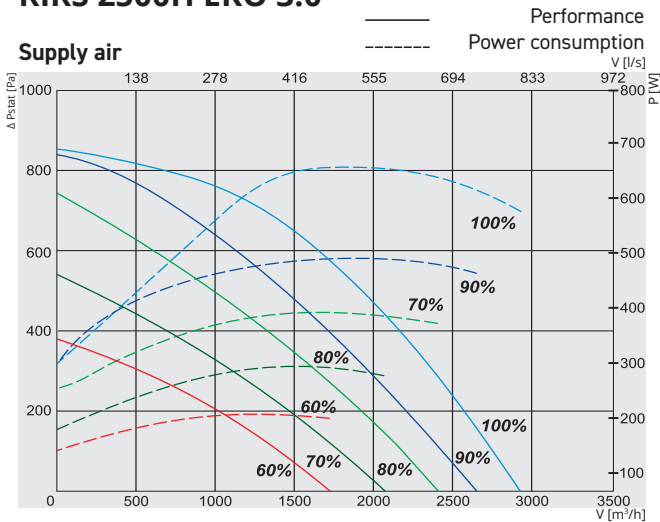
Temperature efficiency (balanced mass flow):
Extract air = 20°C/60%RH
Outdoor air = -20°C

Water heater (optional) HW ver.			AVS 315
Electrical heater HE ver.	phase/voltage	[50Hz/VAC]	~3, 400
		[kW]	9,0
EC fans	phase/voltage	[50Hz/VAC]	~1, 230
exhaust	power/current	[kW/A]	0,49 /3,2
	fan speed	[min ⁻¹]	2540
supply	power/current	[kW/A]	0,5 /3,25
	fan speed	[min ⁻¹]	2540
Thermal efficiency up to*			68,4%
Max power consumption HE / HW		[kW/A]	10 /19,62
Control board			PRV V2
Filter class	exhaust/supply		ePM10 55 / ePM1 70
Housing insulation, mineral wool		[mm]	50
Colour	RAL	grey	7040
Weight (net, without packing)		[kg]	162
Comply with ERP			2016; 2018
Operation			indoors/outdoors**
Housing protection class		IP	34

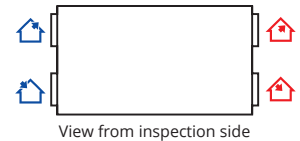
* Calculated wet efficiency.
** Under covered area.

AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 2500H EKO 3.0



2500H EKO 3.0
(convertible) ver.



🏠 Exhaust air
 🏠 Extract air
 🏠 Outdoor air
 🏠 Supply air

Article No.	Version
AHU000993	2500HE EKO 3.0 Integrated electrical heater.
AHU000994	2500HW EKO 3.0 Optional water heater.

2500H EKO 3.0	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Supply	79	61	69	71	75	71	65	64
Extract	68	60	61	65	56	51	46	41
Surrounding	62	45	52	60	54	52	48	43

Measured at 2599 m³/h, 180 Pa

Temperature efficiency (balanced mass flow):
 Extract air = 20°C/60%RH
 Outdoor air = -20°C

2500HE / HW EKO 3.0

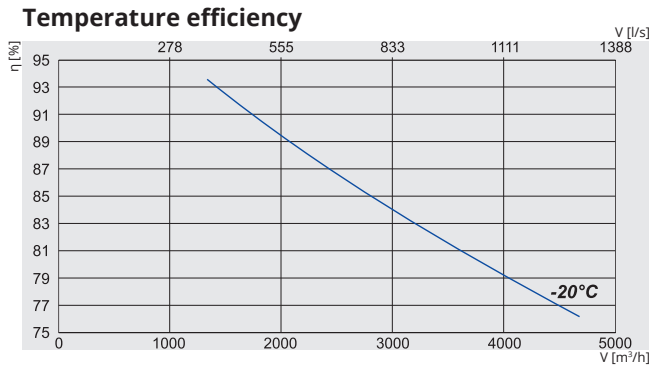
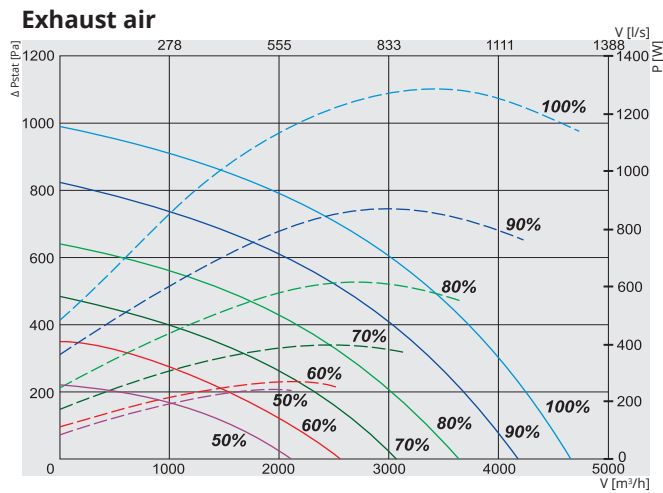
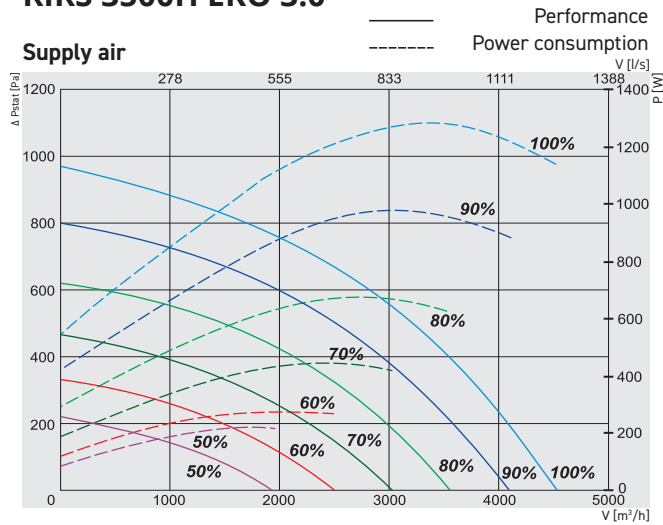
Water heater (optional) HW ver.		SVS 700x400
Electrical heater HE ver.	phase/voltage	[50Hz/VAC] ~3, 400
		[kW] 9,0
EC fans	phase/voltage	[50Hz/VAC] ~1, 230
exhaust	power/current	[kW/A] 0,71/3,19
	fan speed	[min ⁻¹] 2800
supply	power/current	[kW/A] 0,75/3,35
	fan speed	[min ⁻¹] 2800
Thermal efficiency up to*		83,6%
Max power consumption HE / HW	[kW/A]	10,5/19,95 1,5/6,95
Control board		PRV V2
Filter class	exhaust/supply	ePM10 55 / ePM1 70
Housing insulation, mineral wool	[mm]	50
Colour	RAL	grey 7040
Weight (net, without packing) HE / HW	[kg]	350
Comply with ERP		2016; 2018
Operation		indoors/outdoors**
Housing protection class	IP	34

* Calculated wet efficiency.

**Under covered area.

AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 3500H EKO 3.0



AIR HANDLING UNITS

3500H EKO 3.0 (convertible) ver.



- Exhaust air
- Extract air
- Outdoor air
- Supply air

Article No.	Version	
AHU000997	3500HE EKO 3.0	Integrated electrical heater.
AHU000998	3500HW EKO 3.0	Optional water heater.

3500HW EKO 3.0	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Supply	84	59	73	79	78	77	75	70
Extract	74	60	72	68	62	59	53	42
Surrounding	66	55	60	61	58	56	50	48

Measured at 4055 m³/h, 225 Pa

Temperature efficiency (balanced mass flow):
 Extract air = 20°C/60%RH
 Outdoor air = -20°C

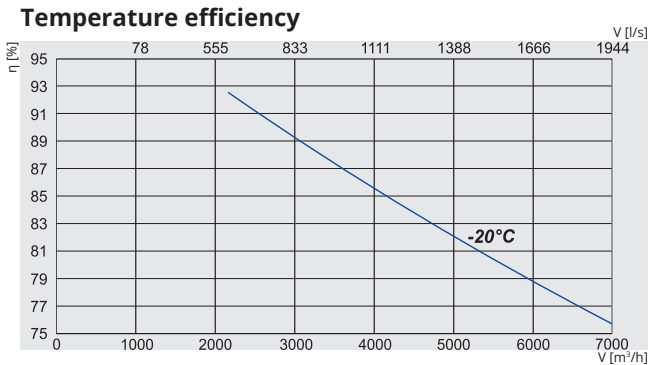
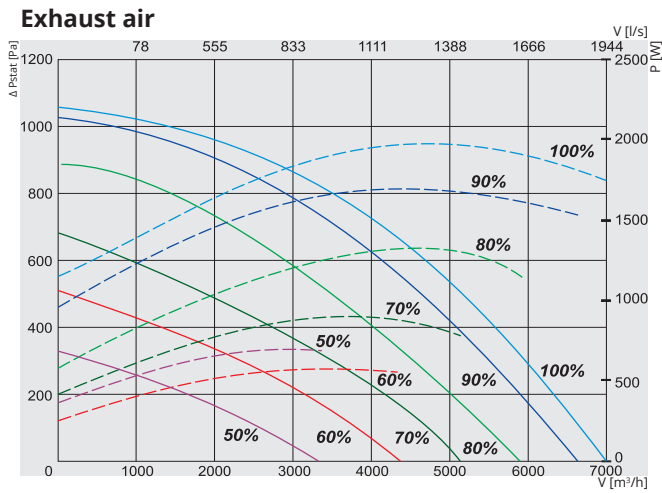
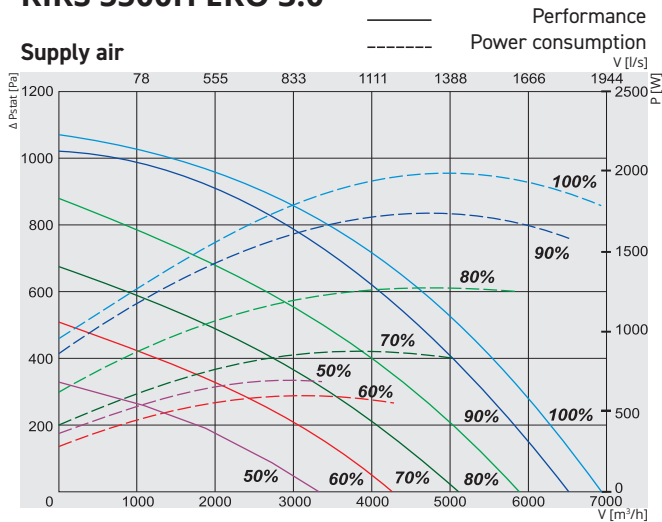
Water heater (optional) HW ver.			3500HE / HW EKO 3.0
Electrical heater HE ver.			SVS 700x400
phase/voltage	[50Hz/VAC]		~3, 400
		[kW]	12,0
EC fans			~1, 230
exhaust	phase/voltage [50Hz/VAC]		1,3 / 5,75
	power/current [kW/A]		2390
	fan speed [min ⁻¹]		1,3 / 5,75
supply	power/current [kW/A]		2390
	fan speed [min ⁻¹]		80%
Thermal efficiency up to*			
Max power consumption HE / HW [kW/A]			14,64 / 29,18 2,64 / 11,88
Control board			PRV V2
Filter class exhaust/supply			ePM10 55 / ePM1 70
Housing insulation, mineral wool [mm]			50
Colour RAL			grey
Weight (net, without packing) HE / HW [kg]			7040
			492
Comply with ERP			2016; 2018
Operation			indoors/outdoors**
Housing protection class			IP
			34

* Calculated wet efficiency.

** Under covered area.

AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 5500H EKO 3.0



5500H EKO 3.0
(convertible) ver.



🏠 Exhaust air
 🏠 Extract air
 🏠 Outdoor air
 🏠 Supply air

Article No.	Version
AHU001001	5500HE EKO 3.0 Integrated electrical heater.
AHU001002	5500HW EKO 3.0 Optional water heater.

5500H EKO 3.0	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Supply	90	69	82	83	85	81	80	76
Extract	76	62	70	73	67	61	58	53
Surrounding	78	60	71	73	72	69	64	57

Measured at 6219 m³/h, 210 Pa

Temperature efficiency (balanced mass flow):
 Extract air = 20°C/60%RH
 Outdoor air = -20°C

5500HE / HW EKO 3.0

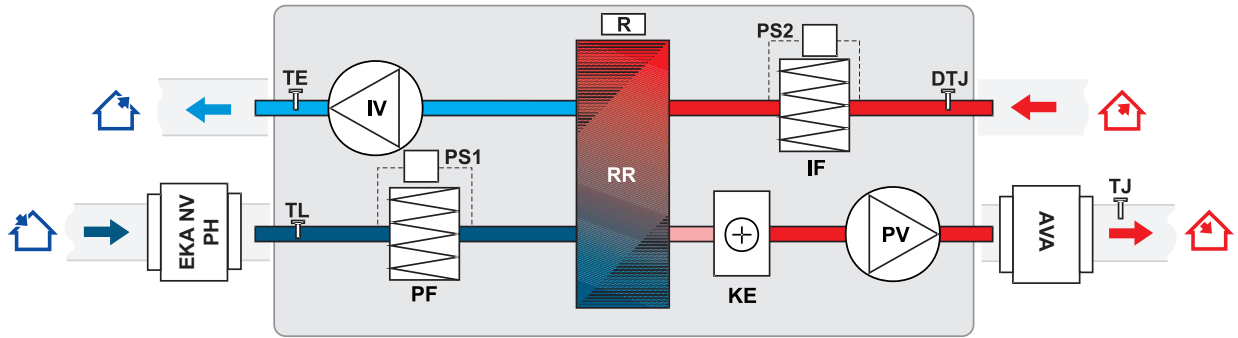
Water heater (optional) HW ver.		SVS 800x500
Electrical heater HE ver.	phase/voltage	[50Hz/VAC] ~3, 400
		[kW] 15,0
EC fans	phase/voltage	[50Hz/VAC] ~3, 400
exhaust	power/current	[kW/A] 2 / 3,17
	fan speed	[min ⁻¹] 2180
supply	power/current	[kW/A] 1,98 / 3,06
	fan speed	[min ⁻¹] 2180
Thermal efficiency up to*		80%
Max power consumption HE / HW	[kW/A]	19,02 / 28,35 4,02 / 6,65
Control board		PRV V2
Filter class	exhaust/supply	ePM10 55 / ePM1 70
Housing insulation, mineral wool	[mm]	50
Colour	RAL	grey 7040
Weight (net, without packing) HE / HW	[kg]	625
Comply with ERP		2016; 2018
Operation		indoors/outdoor**
Housing protection class	IP	34

* Calculated wet efficiency.

** Under covered area.

AMBERAIR COMPACT RIRS H EKO

AmberAir Compact RIRS 1200HE EKO 3.0 / 1900HE EKO 3.0 (horizontal) versions with electrical heater

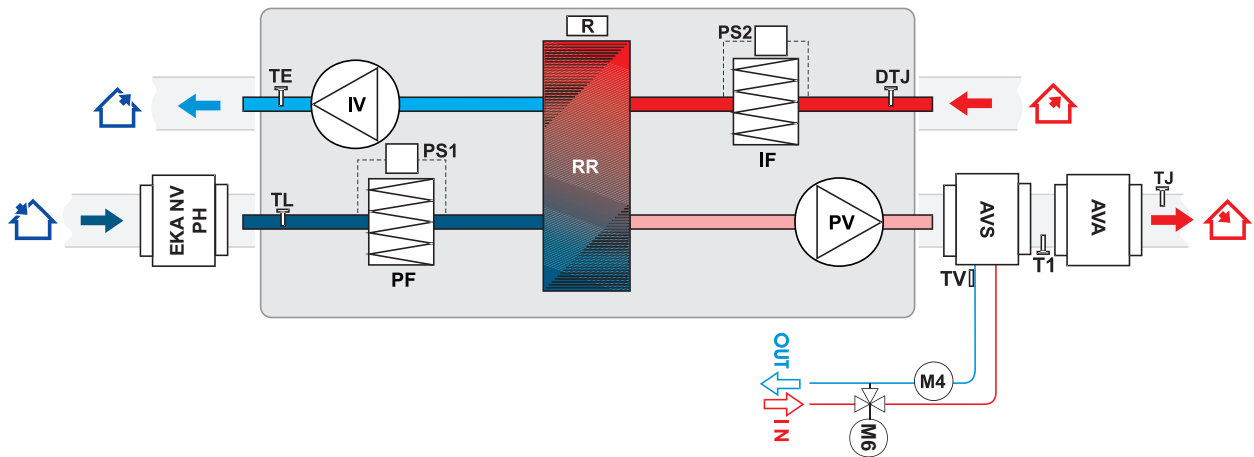


- IV - exhaust air fan
- PV - supply air fan
- RR - rotary heat exchanger
- R - rotor motor
- KE - electrical heater
- PF - fresh air filter (class ePM1 70)
- IF - extract air filter (class ePM10 55)

- PS2 - extract air differential pressure switch
- PS1 - fresh air differential pressure switch
- TJ - temperature sensor for supply air
- TL - temperature sensor for fresh air
- TE - temperature sensor for exhaust air
- DTJ - humidity + temperature sensor
- AVA - optionally supplied water cooler
- EKA NV PH - optional fresh air pre-heater

AIR HANDLING UNITS

AmberAir Compact RIRS 1200HW EKO 3.0 / 1900HW EKO 3.0 (horizontal) versions with water heater

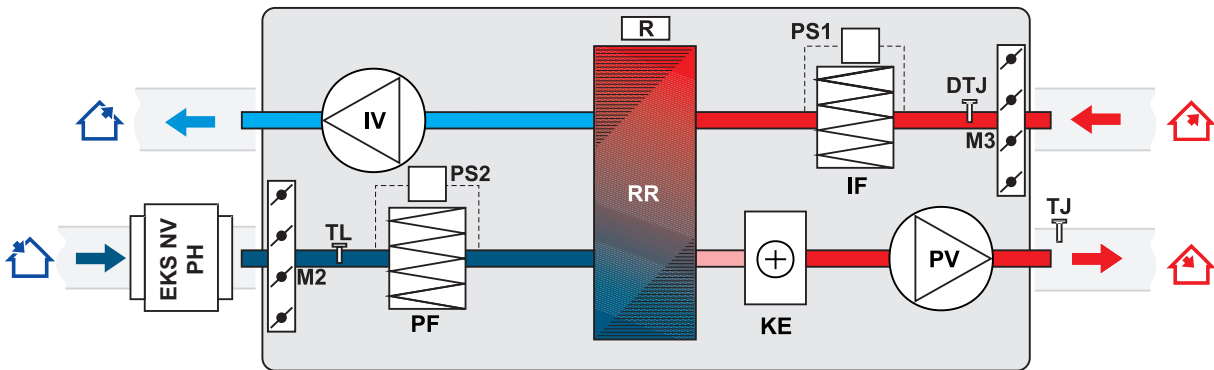


- PS2 - extract air differential pressure switch
- PS1 - fresh air differential pressure switch
- AVS - optionally supplied water heater
- AVA - optionally supplied water cooler
- EKA NV PH - optional fresh air pre-heater
- IV - exhaust air fan
- PV - supply air fan
- RR - rotary heat exchanger
- R - rotor motor
- PF - fresh air filter (class ePM1 70)
- IF - extract air filter (class ePM10 55)

- TJ - air temperature sensor for supply air
- TL - air temperature sensor for fresh air
- TE - temperature sensor for exhaust air
- M6 - optionally supply mixing valve and motor
- M4 - water heater circulatory pump
- T1 - antifrost thermostat
- TV - antifrost sensor
- DTJ - humidity + temperature sensor

AMBERAIR COMPACT RIRS H EKO

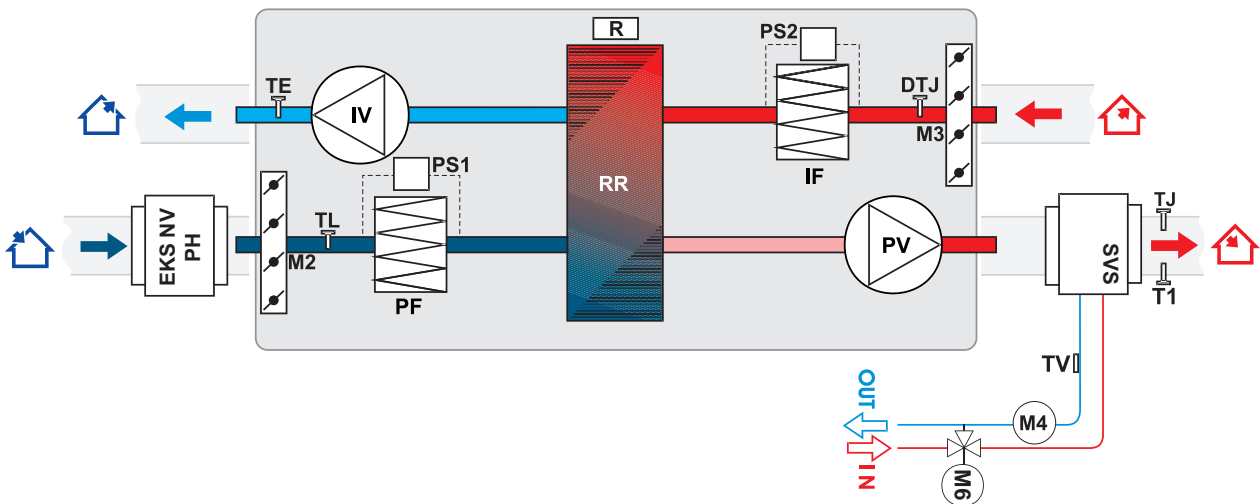
AmberAir Compact RIRS 2500HE EKO 3.0 / 3500HE EKO 3.0 / 5500HE EKO 3.0 (horizontal) versions with electrical heater



- IV - exhaust air fan
- PV - supply air fan
- RR - rotary heat exchanger
- R - rotor motor
- KE - electrical heater
- PF - fresh air filter (class ePM1 70)
- IF - extract air filter (class ePM10 55)
- EKS NV PH - optional fresh air pre-heater

- PS2 - extract air differential pressure switch
- PS1 - fresh air differential pressure switch
- TJ - temperature sensor for supply air
- TL - temperature sensor for fresh air
- TE - temperature sensor for exhaust air
- DTJ - humidity + temperature sensor
- M2 - actuator for fresh air damper
- M3 - actuator for extract air damper

AmberAir Compact RIRS 2500HW EKO 3.0 / 3500HW EKO 3.0 / 5500HW EKO 3.0 (horizontal) versions with water heater



- EKS NV PH - optional fresh air pre-heater
- IV - exhaust air fan
- PV - supply air fan
- RR - rotary heat exchanger
- R - rotor motor
- PF - fresh air filter (class ePM1 70)
- IF - extract air filter (class ePM10 55)

- PS2 - extract air differential pressure switch
- PS1 - fresh air differential pressure switch
- TJ - temperature sensor for supply air
- TL - temperature sensor for fresh air
- TE - temperature sensor for exhaust air
- DTJ - humidity + temperature sensor
- M3 - actuator for extract air damper
- M2 - actuator for fresh air damper

AMBERAIR COMPACT RIRS H EKO

FUNCTIONS			
Descriptions of the functions	Functions	PRV V2	
		AmberAir Compact RIRS EKO 3.0	
		E	W
	Date and time settings	✓	✓
	4 speeds for easy and-user friendly control (“Stop” – the unit is stopped; “Low”, medium”, and “High”. Service menu allows adjusting each speed individually)	✓	✓
	BOOST function (Fans operate at highest speed)	✓	✓
	Comfortable air temperature function	✓	✓
	Cold/heat recovery	✓	✓
	Fire place function	✓	✓
	Dryness protection	✓	✓
	Weekly schedule	✓	✓
	Holiday schedule	✓	✓
	User and service control levels	✓	✓
	Manual air flow balancing	✓	✓
	CO₂ level indication and reduction function	✓	✓
	Night cooling function	✓	✓
	Relative humidity (RH) level indication and reduction function	✓	✓
	Software and configuration update possibility	✓	✓
	Supply air temperature control according to the extract air sensor	✓	✓
	Monitoring function (all sensors and I/O)	✓ ²	✓ ²
	Mode switch (start/stop)	✓	✓
	Extracted air relative humidity converter	✓	✓
	Manual components control	✓ ¹	✓ ¹
	Functional units		
Fans	Soft start and stop	✓	✓
	Fan failure protection	✓	✓
	Speed synchronous/asynchronous 0-10V control	✓	✓
Electric heater	On/Off / PWM control	✓	
	Manual protection	✓	
	Overheat protection (additional protection software)	✓	✓
Water heater	Pulse-width modulation (PWM) valve actuator control		✓
	Protection using temperature sensor		✓
	Protection using thermostat (NC)		✓
	Circulation pump control		✓
	Return water temperature sensor	✓	✓
DX cooler	Control On/Off	✓	✓
Water cooler	Pulse-width modulation (PWM) valve actuator control		✓
	Control with three-positional valve actuator	✓	✓
Filter pollution monitoring	By pressure switch (NC)	✓	✓
	By filter timer	✓	✓
Rotor	Pulse-width modulation (PWM) (0-10VDC) motor control	✓	✓
	On/Off motor control	✓	✓
	Motor belt levers protection	✓	✓
Sensors	Supply air temperature sensor	✓	✓
	Fresh air temperature sensor	✓	✓
	Exhaust air temperature sensor	✓	✓
	Extract air temperature sensor	✓	✓
	Emergency signals and inputs/outputs		
	Fire protection input	✓	✓
	Working indication output	✓	✓
	Alarm indication output	✓	✓
	Remote controllers		
	Stouch	✓	✓
	Flex	✓	✓
	SA Control	✓	✓
	MB Gateway	✓	✓

1 With FLEX TEST remote controller

2 Only sensors