

PRODUCT DATA SHEET

Aquila series wall mounted version

VAR305

optional equipment



iNEXT



ENTHALPY
EXCHANGER



MODBUS



MODULATED
HEATER



ENERGY
EFFICIENCY*



EPP
MATERIAL

RECUPERATOR FEATURES

- Installation positions – wall-mounted or floor-standing (VKNAR feet required)
- Counter-flow heat exchanger with the efficiency of up to 95%
- Energy-saving fans with Ziehl-Abegg motors
- Automatic bypass, 100% bypass, insulated
- Excellent insulation thanks to an outer housing made of EPP (expanded polypropylene)
- Tight structure preventing odours and contaminants from the exhaust air from entering the supply air
- Wireless control available (iNext module required)
- Equipped with two filters (M5/ISO ePM10) as standard
- Option of using fine filters (F7/ISO ePM1) with a higher filtration class
- Possible use of reusable pre-filter
- Possible interoperation with the air quality, carbon dioxide and humidity sensor (VSPM, VSHC, VSHW)
- Cleanable heat exchanger
- Long service life
- Anti-freeze system
- Scratch resistance of painted parts at a value of 5 H
- Antimicrobial properties of painted elements according to ASTM E2149-13a
- Possible remote control via MODBUS RTU protocol



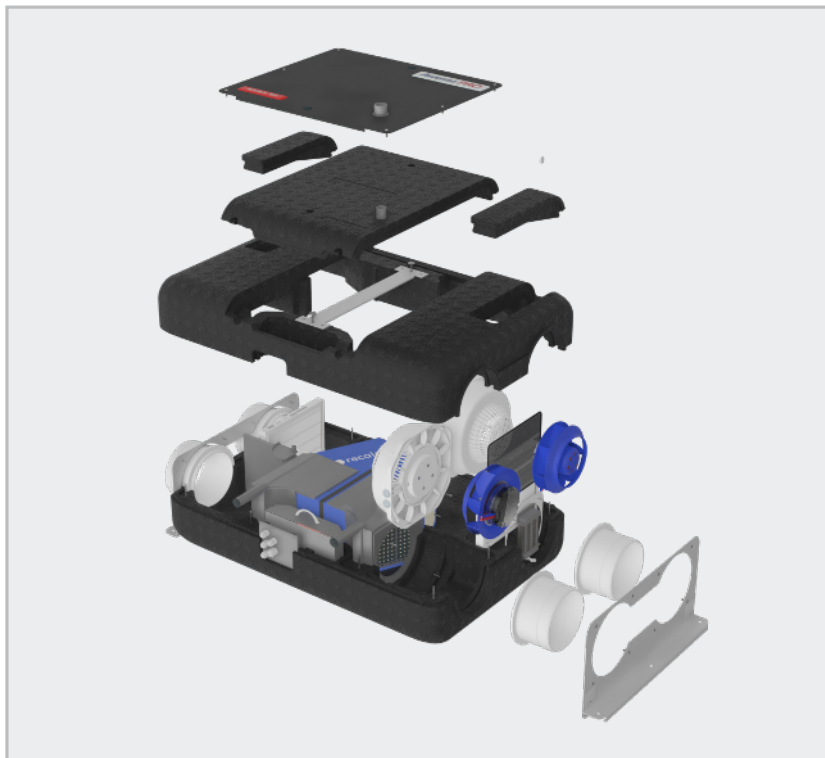
* In the case of the recuperator AQUILA 305 with an enthalpy exchanger, an additional sensor (VSPM, VSHC, VSHW) is required to achieve energy efficiency class

Supplementary products

LEGS VKNAR



FILTERS



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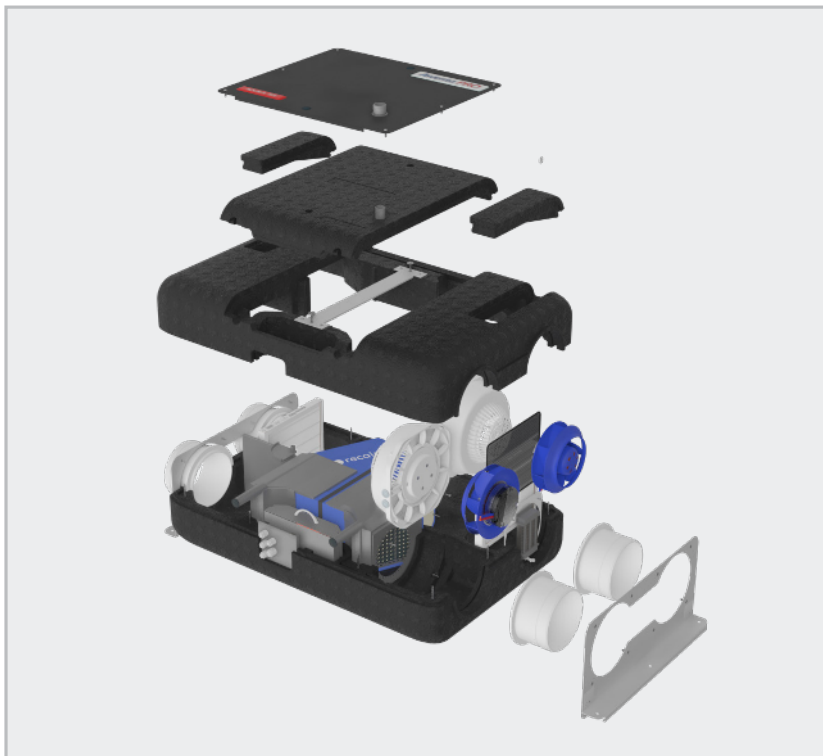
MATERIAL
EPP

RECUPERATOR FEATURES

- Installation position – ceiling mounted (suspended)
- Counter-flow heat exchanger with the efficiency of up to 95%
- Energy-saving fans with Ziehl-Abegg motors
- Automatic bypass, 100% bypass, insulated
- Excellent insulation thanks to an outer housing made of EPP (expanded polypropylene)
- Tight structure preventing odours and contaminants from the exhaust air from entering the supply air
- Wireless control available (iNext module required)
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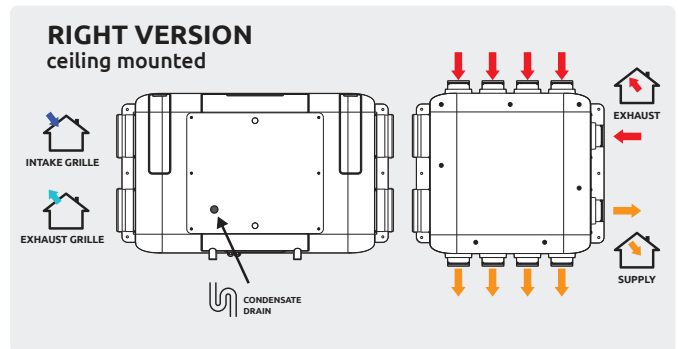
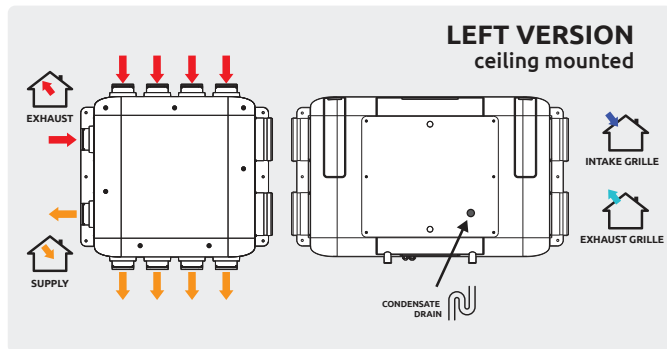
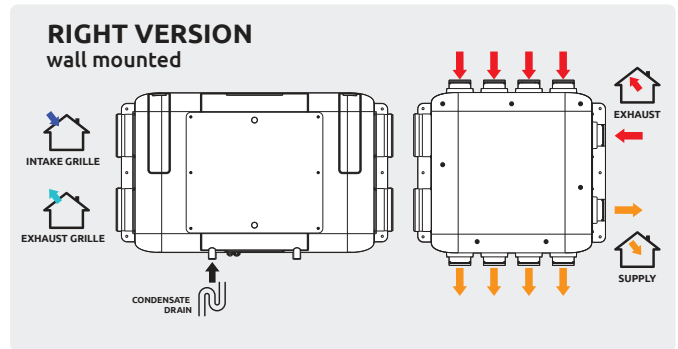
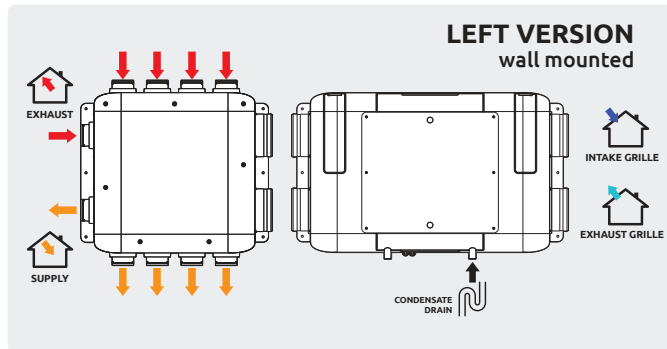


MATERIAL

Aquila series

VAREP205, VARP305, VARES205, VARS305

Aquila series



TECHNICAL INFORMATION

INDEX	AQUILA EASY 205		AQUILA 305	
	VARES205	VAREP205	VAR305	VARP305
Supply voltage	230 V AC / 50 Hz			
IP protection class	IP22			
Preheat coil power	none		750 W	
Max. power consumption (without preheat coil)	98 W		200 W	
Capacity (at 100 Pa)	215 m ³ /h		313 m ³ /h	
Maximum engine speed	2900 RPM		3850 RPM	
Maximum Noise level	44 dB(A)		49 dB(A)	
Type of heat exchanger	Countercurrent		Countercurrent	
Max. heat recovery efficiency	up to 95%		up to 95%	
Heat exchanger material	Polystyrene			
Housing material	EPP + powder coated steel			
Filter - intake vent	M5 ISO ePM10 (optional F7 ISO ePM1)			
Filter - exhaust	M5 ISO ePM10			
Pre-filter intake / exhaust	VFWAR (optional)			
Diameter of air connector	160 mm			
Diameter of condensate drain connector	32 mm			
Controller type	AERO 6 + NANO M (monochromatic)		AERO AP + AWENTA CONTROL	
Bypass	Automatic 100%			
Fans	2x radian fan with EC motor			
Modbus RTU Communication	NO		YES	
Internet module	VLAN iNEXT (optional)			
Air quality sensor	NO		VSPM (optional)	
CO ₂ concentration and humidity sensor	NO		VSHC (optional)	
Humidity sensor	NO		VSHW (optional)	
Weight	16kg + 5kg (distribution unit VARR)		16kg + 5kg (distribution unit VARR)	

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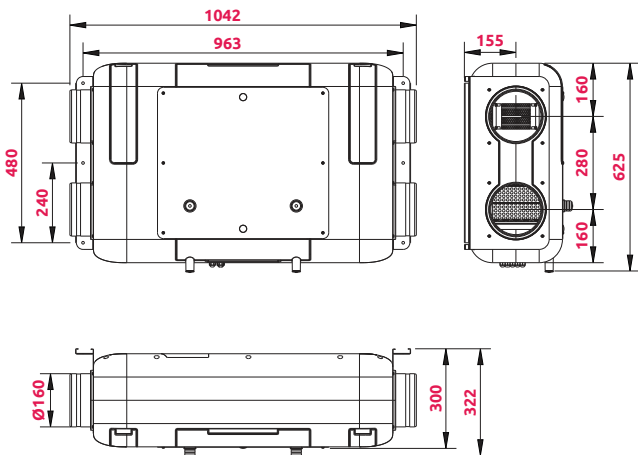
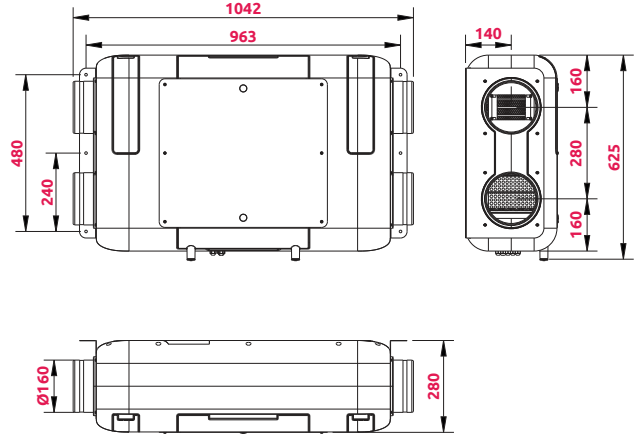
VAREP205, VARP305, VARES205, VARS305

Aquila series

AQUILA ceiling mounted version



DIMENSIONS



AQUILA wall mounted version

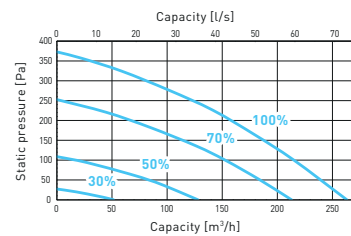
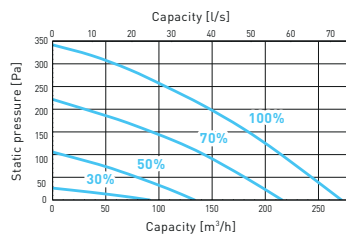


CAPACITY

STANDARD VERSION

ENTHALPY HEAT EXCHANGER VERSION

AQUILA EASY 205



AQUILA 305

