

Aquila Series - ceiling mounted version

VARP305

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)
- 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



TECHNICAL INFORMATION

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Supply voltage	230 V AC / 50Hz
Power consumption	210 W
Preheat coil maximum power	750 W
Electrical protection class	I
IP protection class	IP22
Capacity (at 100 Pa)	313 m³/h
Maximum engine speed	4 000 RPM
Noise level	49 dB(A)
Type of heat exchanger	RECAIR cross - counter - flow heat exchanger (optional enthalpy)
Max. heat recovery efficiency	up to 95%
Heat exchanger material	Polystyrene
Housing material	EPP + powder coated steel
Filter - air inlet	VM5AR - M5 ISO ePM10 (optional VF7AR - F7 ISO ePM1)
Filter - extracted air	VM5AR - M5 ISO ePM10
Pre-filter - air inlet / extracted air	VFWAR (optional)
Air spigots diameter	160 mm
Diameter of condensate drain connector	32 mm
Weight	16kg (VAR305) + 5kg (VARR75-160)
Controller type	AERO 4 + NANO COLOR (colored)
Bypass	Automatic (100%)
Fans	2x radial fan with EC motor
Internet module	VLAN iNEXT (optional)
Android, iOS application	YES
Air quality sensor	VSPM (optional)
CO ₂ concentration and humidity sensor	VSHC (optional)
Humidity sensor	VSHW (optional)

Supplementary products

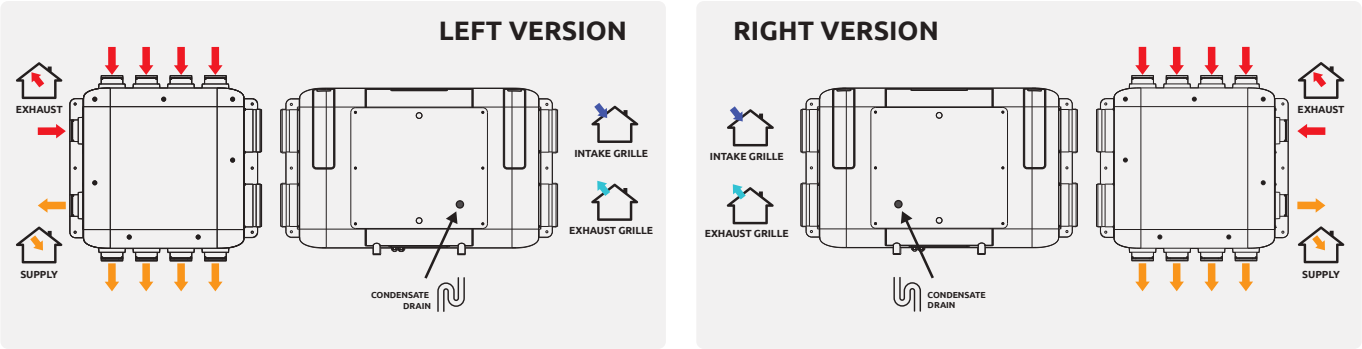
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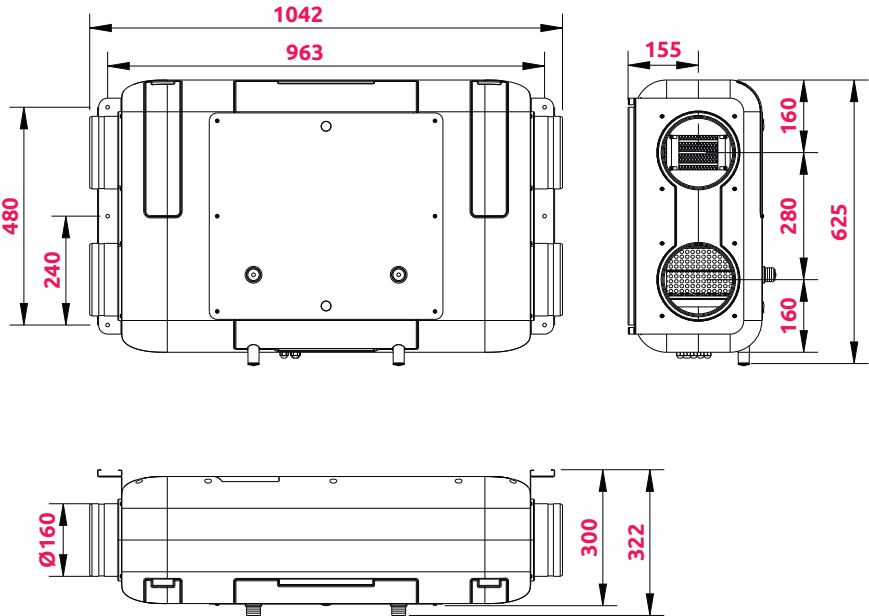
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Aquila Series



DIMENSIONS

VARP305



CAPACITY

VARP305

