

Avira Series NEW MODEL

VAVP305, VAVP405, VAVP505, VAVP605

RECUPERATOR FEATURES

- Installation position - ceiling (suspended)
- Counterflow heat exchanger with the efficiency of up to 95%
- Energy-efficient fans with the EC Ziehl-Abegg and EBM papst motors
- Automatic bypass, 100% bypass, isolated
- Modulating preheat coil with variable operating parameters
- Excellent insulation thanks to the use of the EPP (expanded polypropylene) housing
- Leak tight structure preventing the penetration of odours and pollutants from the exhaust air into the supply air
- Mobile application for smartphones – Android, iOS and possible remote control by using webpage (iNext module required)
- Automatic flow control system (constant flow) - in CF versions
- Equipped with two filters (M5/ISO ePM10)
- Possibility of using fine filters (F7/ISO ePM1) with higher filtration class
- Possibility of using reusable pre-filter
- Possible interoperation with the air quality, carbon dioxide and humidity sensor (VSPM, VSHC, VSHW)
- Option of cleaning heat exchanger
- Long service life
- Scratch resistance of painted parts at a value of 5 H
- Antimicrobial properties of painted parts according to ASTM E2149-13a
- Possible remote control via MODBUS RTU protocol



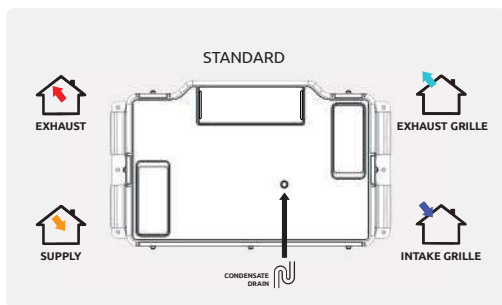
Supplementary products

FILTERS
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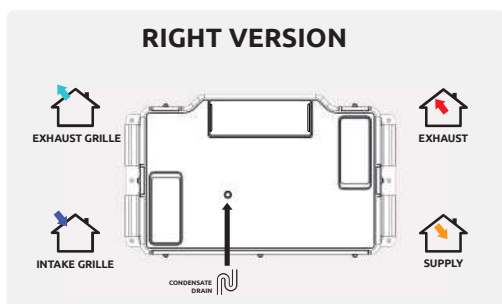


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- VAVP305L** Recuperator Avira 305 left version (standard)
- VAVP405L** Recuperator Avira 405 left version (standard)
- VAVP505L** Recuperator Avira 505 left version (standard)
- VAVP605L** Recuperator Avira 605 left version (standard)
- VAVP305LCF** Recuperator Avira 305 left version (standard) + module CF
- VAVP405LCF** Recuperator Avira 405 left version (standard) + module CF
- VAVP505LCF** Recuperator Avira 505 left version (standard) + module CF
- VAVP605LCF** Recuperator Avira 605 left version (standard) + module CF



- VAVP305P** Recuperator Avira 305 right version (standard)
- VAVP405P** Recuperator Avira 405 right version (standard)
- VAVP505P** Recuperator Avira 505 right version (standard)
- VAVP605P** Recuperator Avira 605 right version (standard)
- VAVP305PCF** Recuperator Avira 305 right version (standard) + module CF
- VAVP405PCF** Recuperator Avira 405 right version (standard) + module CF
- VAVP505PCF** Recuperator Avira 505 right version (standard) + module CF
- VAVP605PCF** Recuperator Avira 605 right version (standard) + module CF

TECHNICAL INFORMATION

	SERIES300 <small>NOVELTY</small>	SERIES400 <small>NOVELTY</small>	SERIES500	SERIES600
INDEX	AVIRA 305	AVIRA 405	AVIRA 505	AVIRA 605
Supply voltage	230 V AC / 50 Hz			
IP protection class	IP33			
Preheat coil power	2000 W			
Max. power consumption (without preheat coil)	155 W	305 W	340 W	400 W
Capacity (at 100 Pa)	305 m ³ /h	425 m ³ /h	546 m ³ /h	655 m ³ /h
Maximum engine speed	3 300 RPM	4 200 RPM	4 400 RPM	2 400 RPM
Noise level	42,0 dB(A)	47,0 dB(A)	48 dB(A)	42 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 - intake vent	VM5AV405 - M5 ISO ePM10 (optional VF7AV405 - F7 ISO ePM1)		VM5AV605 - M5 ISO ePM10 (optional VF7AV605 - F7 ISO ePM1)	
Filter - exhaust	VM5AV405 - M5 ISO ePM10		VM5AV605 - M5 ISO ePM10	
Pre-filter intake / exhaust	VFWAV405 (optional)		VFWAV605 (optional)	
Diameter of air connector	160 mm		200 mm	
Diameter of condensate drain connector	32 mm			
Controller type	AERO 4 + NANO COLOR 2			
Bypass	Automatic 100%			
Fans	2x radial fan with EC motor			
System Constant Flow	YES, depend on version			
Komunikacja Modbus RTU	YES			
Internet module	VLAN iNEXT (optional)			
Air quality sensor	VSPM (optional)			
CO ₂ concentration and humidity sensor	VSHC (optional)			
Humidity sensor	VSHW (optional)			
Weight	35 kg		43 kg	

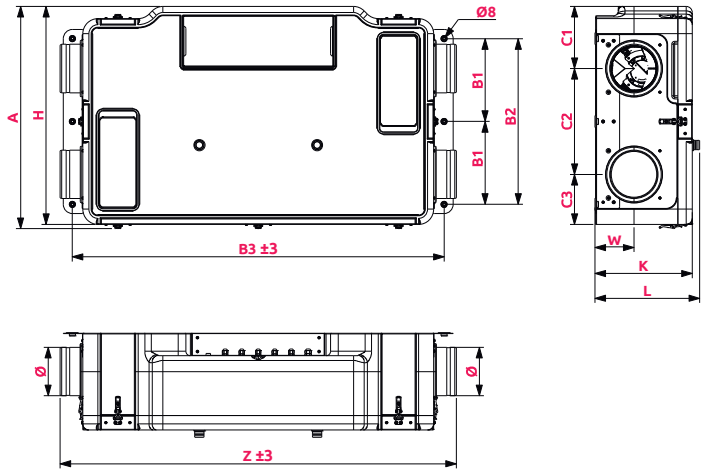
Avira Series

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Avira 305

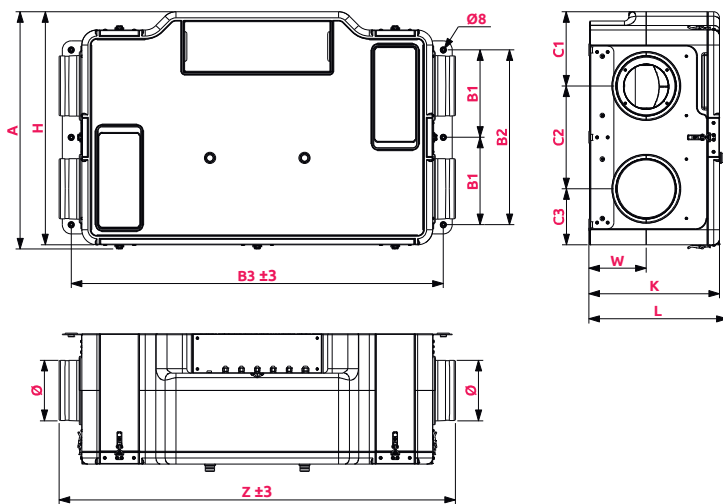


DIMENSIONS



	Ø	A	H	Z	B1	B2	B3	W	K	L	C1	C2	C3
VAVP305	160	734	720	1310	274	548	1230	129	322	347	205	350	165
VAVP405	160	734	720	1310	274	548	1230	129	322	347	205	350	165
VAVP505	200	784	770	1310	289	578	1230	189	432	457	245	340	185
VAVP605	200	784	770	1310	2897	578	1230	189	432	457	245	340	185

DIMENSIONS



Avira 505



Avira Series

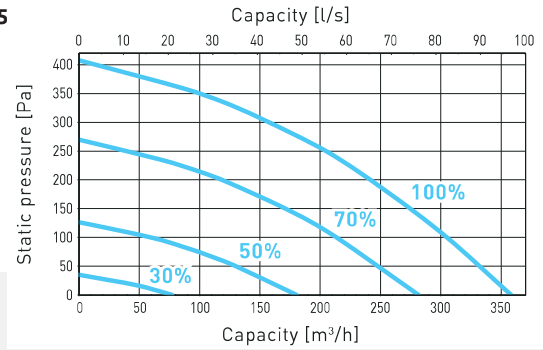
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CAPACITY

NOVELTY

Avira 305

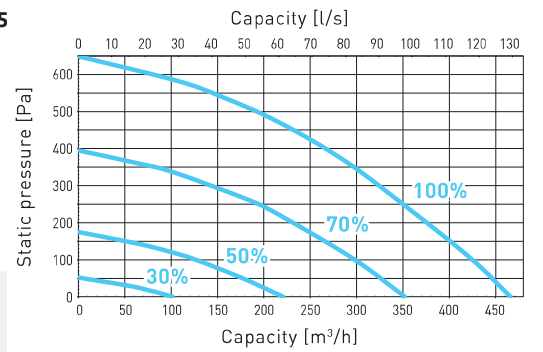
VAVP305



NOVELTY

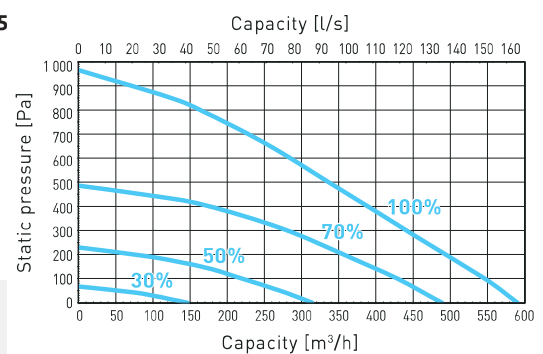
Avira 405

VAVP405



Avira 505

VAVP505



Avira 605

VAVP605

