RECUPERATOR AIR EXPERT 400 V EPP

Device features

- Floor standing or wall-mounted unit (wall trim included)
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-efficient EC fans Zhiel-Abegg or EBM-PAPST
- Automatic by-pass 100% (Classic and Premium versions)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Modulated pre-heater to prevent exchanger freezing (Classic and Premium versions)
- EPP (expanded polypropylene) design with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module (Classic and Premium versions)
- Fitted with G4 (extract) and M5 and F7 (supply) filters
- Use of a CSF module is possible - balanced air flow function
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)
- Cleanable heat exchanger

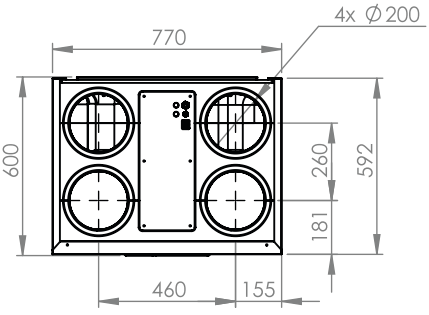


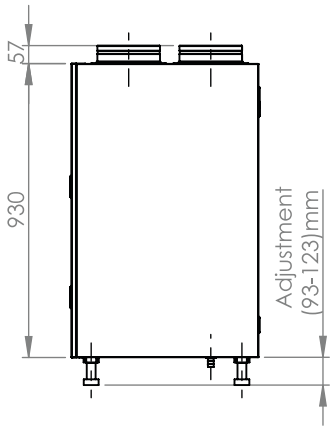
BASIC / CLASSIC

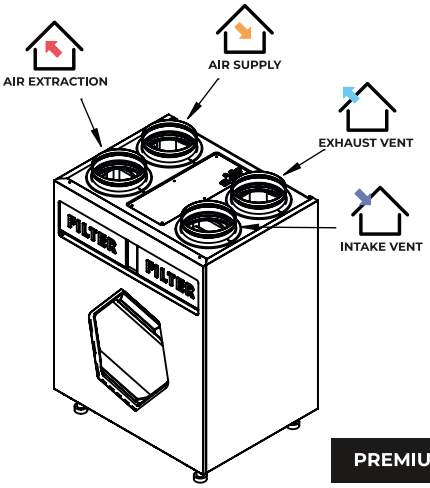
PREMIUM



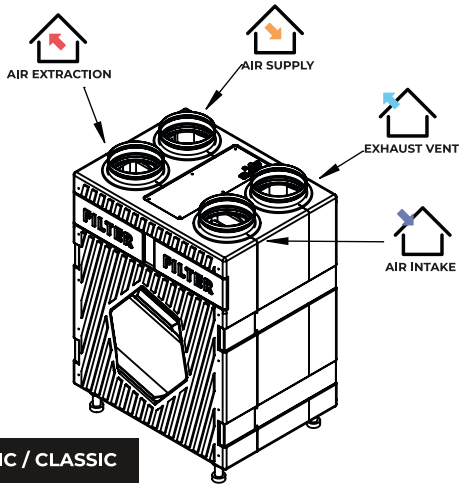
Technical drawing







PREMIUM



BASIC / CLASSIC

RECUPERATOR AIR EXPERT 400 V EPP

Technical data

TECHNICAL INFORMATION	AIR EXPERT 400 V BASIC	AIR EXPERT 400 V CLASSIC	AIR EXPERT 400 V PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial with EC motor EBM-PAPST / ZHIEL-ABEGG		
Maximum fan power	2 pcs. x 170 W		
Maximum current consumption by fan	2 x 1.8 A		
Fan speed	3,950 rpm		
Maximum discharge air temperature	-20 do +50 °C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	Polystyrene		
Housing material	EPP / painted steel		
Insulation	EPP		
Filter – air inlet	M5/F7		
Filter – extracted air	G4		
Air spigots diameters	Ø200 mm		
Weight	32 kg		
Output at 100Pa	430 m3/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	930 mm x 770 mm x 600 mm		
Preheat coil power	None	2 kW	2 kW
Noise level	63 dB	63 dB	63 dB
Energy rating	A	A	A
Preheater current consumption	None	8,7 A	8,7 A
Total device power	-	2,35 kW	2,35 kW
Total current consumption	-	15,39 A	15,39 A
Bypass	None	Automatic	Automatic
Internet module	Optional	Yes	Yes
CSF module	Optional	Optional	Optional

