

# Technical Data Sheet

CODE 45399

## VORT NRG 600 ECR

Heat recovery units equipped with rotary heat exchangers



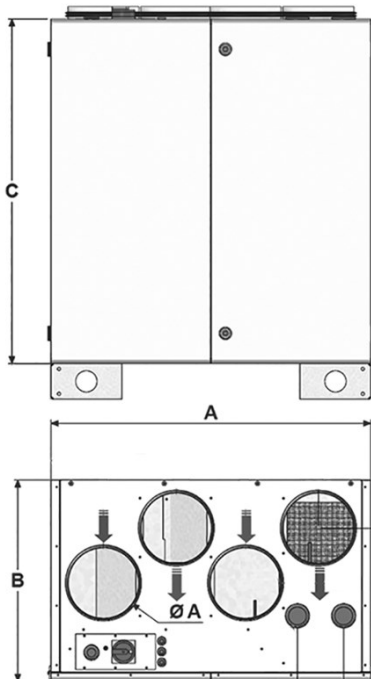
## Certifications



## TECHNICAL AND PERFORMANCE DATA

Filter class for extract air	G4	Motor Power (W)	169X2
Filter class for supply air	F7	Nominal Diameter (mm)	250
Frequency (Hz)	50	Number of Phases (Ph)	1
Max ambient temperature for continuous operation (°C)	60	Protection current	3,8
Min ambient temperature for continuous operation (°C)	-5	Voltage (V)	230
Motor Class	B	Weight (Kg)	130
Motor IP protection	54	Delivery max (m³/h)	750
		Sound power level - radiated Lw [dB(A)]	57

## DIMENSIONS



Size A (mm)	900
Size B (mm)	570
Size C (mm)	970
Vents diameter Ø A (mm)	200

### PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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### DESCRIPTION

- Frames consisting of rounded aluminium profiles with built-in, polyamide made, spacers for class TB2 thermal break; corners made of reinforced polyamide; double skin (sandwich), 10/10 panels (inner side with galvanized steel sheet, outer side with pre-laquered metal sheet (RAL 7035) with protective film); insulation through 25 mm high density (M0) mineral wool.
- 2 EC motors, independently adjustable, external rotor type, integrating safety thermal cut-outs, with backward curved impellers directly driven by ball bearings; 2 speeds adjustable during the installation.
- Air-to-air, rotary, aluminium made heat exchanger whose high performance, certified by Eurovent, exceeds 80% according to EN 308 standard.
- Circular branch connections with lip seals to grant the system air tightness.
- 2 filters, respectively G4 on extracted air (stale) and F7 on (fresh) air supply, both mounted upstream of inner components, on runners fitted with lip seals to ensure effective air tightness.
- Access to filters and inner components by security latch on removable panels.
- Fixed panel directly accessible from above integrating the proximity switch lockable, potentiometers and fairleads.
- Brackets crimped into the structure for fixing to the ground.
- A dedicated pressure switch constantly controls the airflow across each fan, which indicates the presence of a fault on any external device which can be connected on the clean contact on board of the machine.
- A podlockable local circuit breaker, mounted on front panel, allows to stop the unit in case of fault.
- Potentiometers to independently adjust each fan speed.

### ACCESSORIES



#### POTI NRG

Code 21039



#### NRG EC 250

#### FPD

Code 21056

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