

ORMEN 300 EEC (ORMEN300)

GENERAL DATA



Price: 2.571,50 €

WALL MOUNTING RESIDENTIAL HEAT RECOVERY UNIT WITH EC MOTOR, PASSIVHAUS CERTIFIED

MANUFACTURING FEATURES

- Dual flow centralised unit with heat recovery for floor and wall installation.
- ORMEN 300 EEC has the Passivhaus Certificate, the energy certification standard whose objective is to achieve energy savings up to 90% in a building or house compared to a conventional building.
- Internal structure in high density expanded polypropylene 40Kg / mc.
- Aesthetic front panel in plastic resin, glossy white finish.
- Connection ports to pipes with a nominal diameter of 125 mm, centrifugal fans with backward curved blades directly coupled to EC motors.
- High efficiency heat exchanger of the counterflow type in plastic material (PS).
- Automatic mechanical by-pass for free-cooling.
- Inlet air filter ePM1 $\geq$ 50% (F7) and supply filter ISO Coarse $\geq$ 60% (G4), placed respectively in correspondence of the input and expulsion channels.
- Integrated control panel (Optional wired remote connection LCD control panel).
- Support bracket for wall installation integrated in the product.
- Can be integrated into residential home automation systems (ModBus protocol) on RS485 SLAVE mode.
- Performance and safety certified by third party body.

ALGUNAS FUNCIONES DEL CONTROL

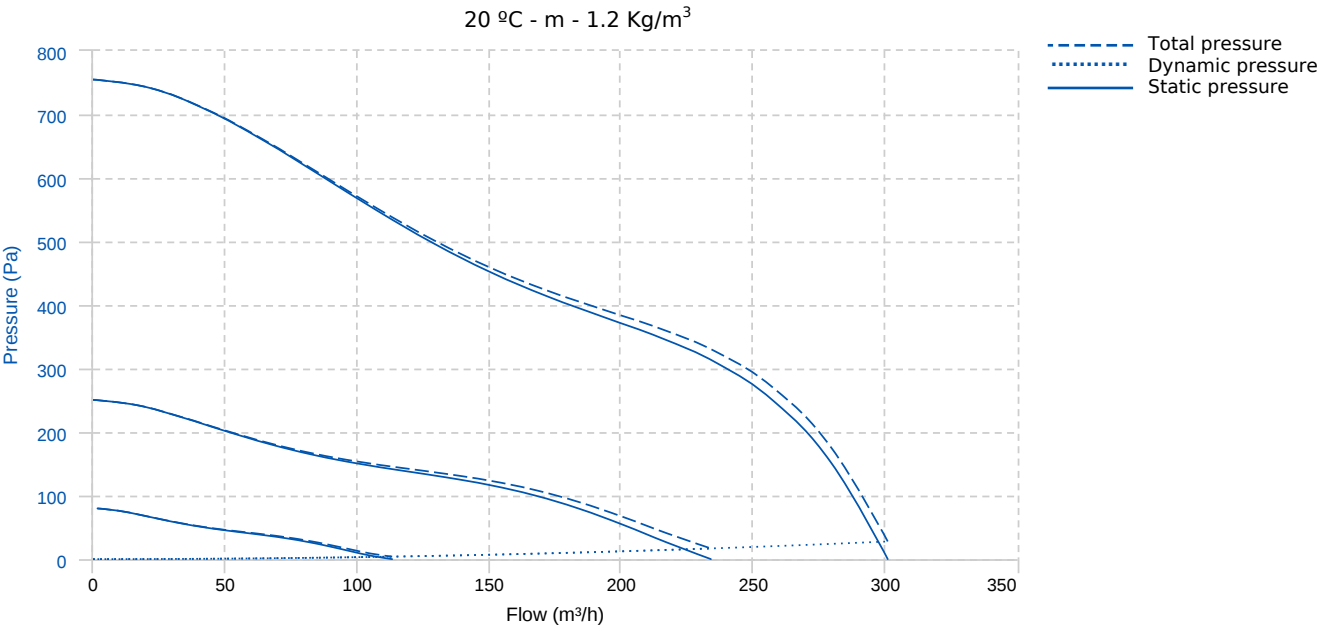
Built-in control panel supplied as per standard:

- Product switch-on and switch-off.
- Initial configuration of the product.
- Selection of operating speed.
- Programming operation.
- Monitoring of the correct operation of the product (any malfunctioning is highlighted through error messages shown on the display).
- Indication of the condition of the saturated filters on the display.

APPLICATIONS

- Ideal for ventilation of homes and residential and commercial premises with surface area up to 180 m².

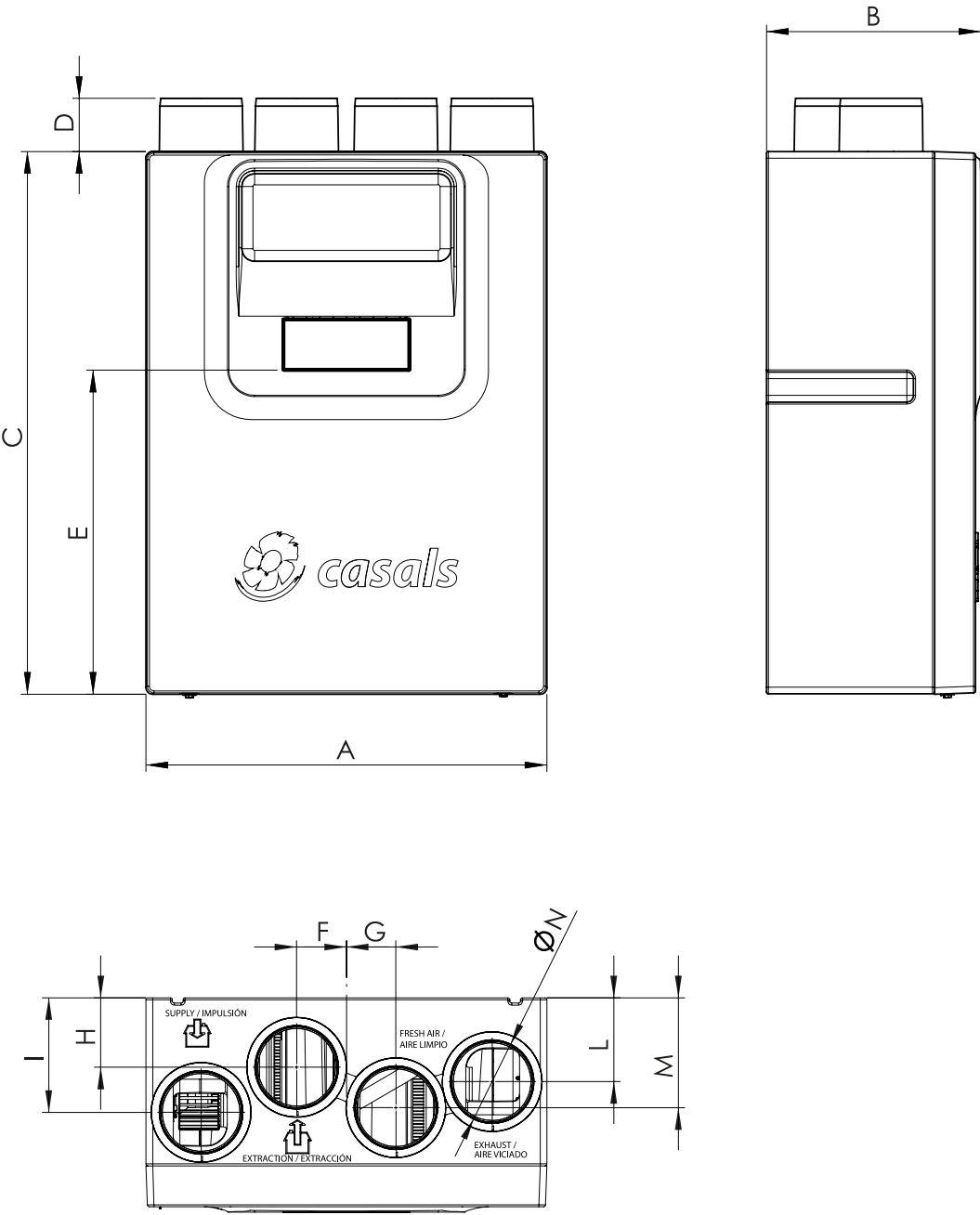
PERFORMANCE CURVE



TECHNICAL DATA

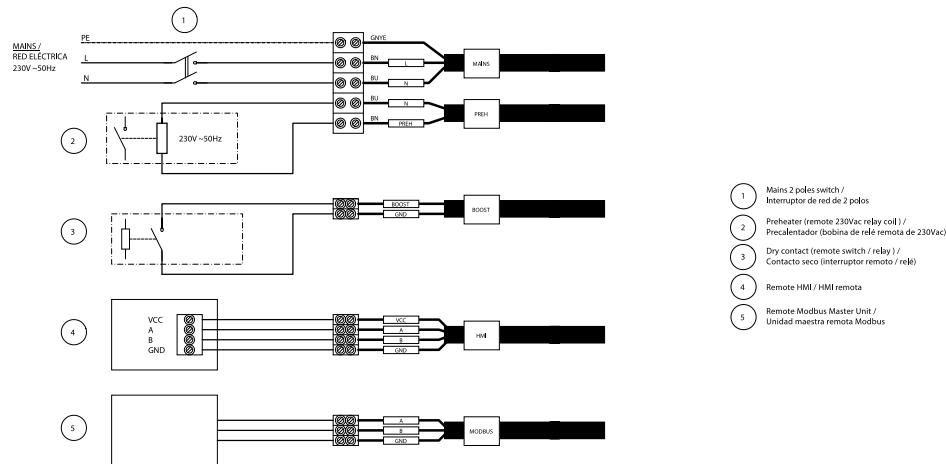
Fan					
RPM	-	Approx. weight	18 kg	Max. Flow	300 m³/h
Motor					
Power	0.19 kW	RPM	-	I max. (230V)	1,35 A

DIMENSIONS



Dimensions (mm)									
A	600	B	321	C	812	D	80	E	485
F	74	G	74	H	104	I	172	L	126
M	165	ØN	124						

WIRING DIAGRAM



ACCESSORIES



REINFORCED FLEXIBLE TUBE WITH THERMAL INSULATION OF ALUMINUM

THERMI Ø127
REF: 10000602
Price: 117,60 €



FLEXIBLE WITH THERMAL-ACOUSTIC INSULATION CLASSIFICATION M1 OF FIRE RESISTANCE

PHONI M1 Ø127
REF: 10000585
Price: 56,20 €



EXTERNAL GRILL FOR HIDRIDA LP EEC O MOOTA LP EEC

REP125
REF: REP125
Price: 18,60 €



PLENUM FOR MOOTA LP EEC, ORMEN EEC OR HIDRIDA LP EEC

PLEN-6
REF: PLEN-6
Price: 290,00 €



SEMI-FLEXIBLE CIRCULAR DUCT FOR MOOTA LP EEC, ORMEN EEC OR HIDRIDA LP EEC

HDPE
REF: HDPE
Price: 360,70 €



CIRCULAR CONNECTOR FOR HDPE

CON-HDPE
REF: CON
Price: 11,00 €



SEALING RING FOR HDPE AND CON-HDPE

AS-HDPE
REF: AS-HDPE
Price: 36,50 €



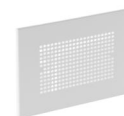
ANTI-EXTRUSION RING FOR HDPE AND CON-HDPE

AE-HDPE
REF: AE-HDPE
Price: 22,90 €



PLENUM BOX FOR MOOTA LP EEC OR HIDRIDA LP EEC

PLEND
REF: PLEND
Price: 138,70 €



AIR DIFFUSION GRILLE FOR PLEND ACCESSORY

REJD1
REF: REJD193140
Price: 95,00 €



**AIR DIFFUSION GRILLE FOR PLEND ACCESSORY
REJD3**
REF: REJD366140
Price: 111,00 €



**ELECTRICAL COILS FOR HIDRIDA LP EEC AND
MOOTA LP EEC**
ECR 700
REF: BE750W
Price: 440,60 €



CELL FILTER WITH GALVANIZED FRAME
FILT ISO Coarse $\geq$ 60% (275x125x48) PREFILTRO
MARCO CHAPA
REF: FILTG04001
Price: 30,20 €



CIRCULAR DUCT CLAMP
C-RES
REF: CRES150
Price: 12,20 €



HIGH EFFICIENCY, RIGID AND COMPACT FILTER
FILT ePM1 $\geq$ 50% (275x125x48) ALTA EFIC. PANEL
MINIPIEGADO
REF: FILTF07002
Price: 64,50 €



**DECENTRALIZED CONTROL FOR ORMEN EEC OR
MOOTA LP EEC**
CTRL RHRU DEPORTADO
REF: CTRLRHRU
Price: 144,80 €