

COPILOT VENT S

Air Circulation Fans

The high capacity of **COPILOT VENT S** air circulation fans mean energy savings: optimum performance is achieved through **minimum energy consumption**.



FEATURES

- The motor-turbine is very accessible and is fixed by 4 arms for added stability. **IP55 Motor**.
- **The pulley and shaft** can be removed easily for maintenance.
- B5 type engine is specially prepared for **high energy conversion**.
- Very **low noise level**.
- **Easy installation** thanks to the multiple attachment points they present.
- Its **light weight** makes easy the installation high locations.
- Protective grates allow **easy cleaning** and meet the highest standards of safety.

TECHNICAL DATA

The range includes different models VENT S and sizes, with accessories and options:

- Helix galvanized (standard), painted or stainless steel.
- Three-phase motor (standard) or single, with the possibility of regulation.
- Different engine powers (to suit your need).

The range **COPILOT VENT S** air circulation fans can be supplied with engines ready for voltage regulation. They include a protective kit on both sides, which is mandatory if the fan is placed less than 2.50 m high.

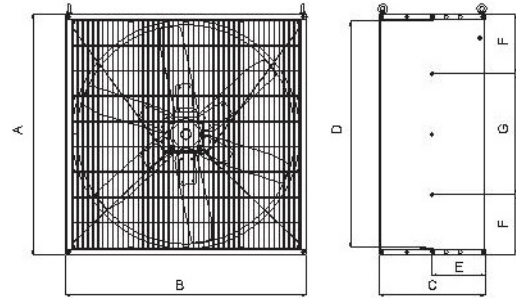
Modelo	Dimensiones (mm.)	Hélice Ø (mm)	Peso (kg.)	Rotación (RPM)	Tensión (V/50Hz)	Tipo motor	Flujo 0Pa (m ³ /h)	Flujo 20Pa (m ³ /h)
VENT ERD 31/0,75*	905x907x450	780	46	935	3~380	0,75cv/711w	15.700	14.810
VENT ERD 37/0,75	1023x1025x450	930	48	930	3~380	0,75cv/698w	19.200	17.780
VENT EOR 42/0,75	1145x1145x400	1060	50	515	3~380	0,75cv/725w	23.400	20.960
VENT EOR 42/1	1145x1145x400	1060	54	584	3~380	1cv/957w	26.500	23.740
VENT EOR 53/1*	1380x1380x400	1340	69	398	3~380	1cv/1.015w	35.700	33.120
VENT EOR 53/1,5*	1380x1380x400	1340	75	445	3~380	1,5cv/1.361w	39.750	36.880

* Version AETERNUM with Stainless Steel case available.

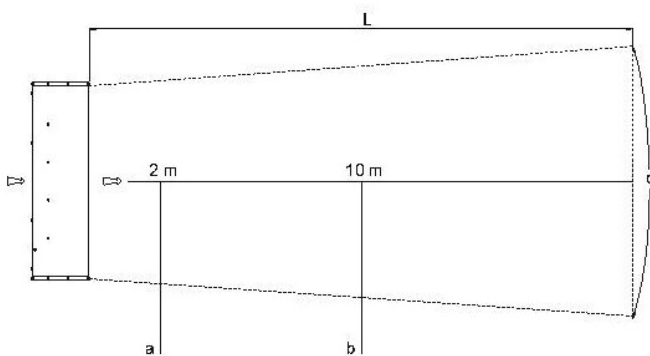
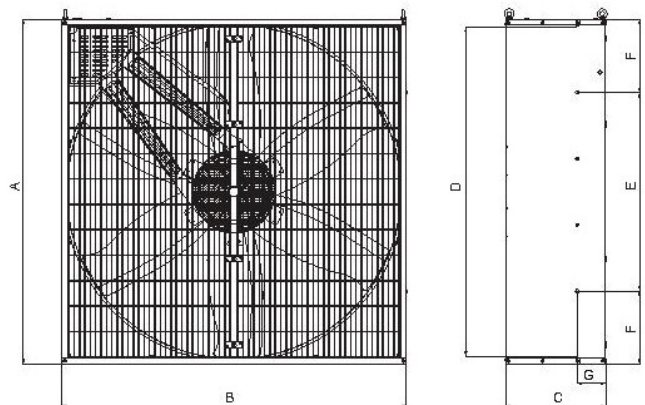
QUALITY MEANS PROFITABILITY

DIMENSIONS AND FLOWS

Dimensiones	ERD 31	ERD 37
Dimensión A [mm]	905	1023
Dimensión B [mm]	907	1025
Dimensión C [mm]	450	450
Dimensión D [Ø mm]	780	930
Dimensión E [mm]	252,5	226,5
Dimensión F [mm]	225	255
Dimensión G [mm]	455	513



Dimensiones	EOR 53	EOR 42
Dimensión A [mm]	1380	1145
Dimensión B [mm]	1380	1145
Dimensión C [mm]	400	400
Dimensión D [mm]/[inch]	1340 / 53	1060 / 42
Dimensión E [mm]	795	692
Dimensión F [mm]	292	225
Dimensión G [mm]	114	112



Air Outlet Cone

Model	α	L (Air Speed at 0,2 m/s)	Air Speed (2 m)	Air Speed (10 m)
ERD 31/0,75	67°	35 m.	4,7 m/s	2,3 m/s
ERD 37/0,75	48°	37 m.	5,4 m/s	2,6 m/s
EOR 42/1	55°	33 m.	4,7 m/s	3 m/s
EOR 53/1	54°	29 m.	6,5 m/s	2,6 m/s
EOR 53/1,5	55°	40 m.	8,9 m/s	3,2 m/s

AIR INLET BLINDS



The **COPILOT System blinds** can be mounted in front of an air inlet or can be adapted to the range of S fans. There are two models available depending on the opening system:

- **SOB**, 24V or 230V electric motor.
- **RL**, with gravity shutting system.

And three sizes are available: 31, 42 and 53, for each fan of the **COPILOT VENT range**.

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