



# Ignéo

Centrifugal fan with backward impeller  
certified 400°C/2h Casals Ventilación, Storm  
trademark



Inlet and outlet duct installation in clean or slightly dusty air environments:



- Big buildings
- Restaurants / Hotels
- Malls
- Smoke extraction
- Factories / Industrial buildings
- Boilers and ovens
- Warehouses
- Manufacture and treatment of chemical products
- Parking
- Tunnels, underground stations.

## MANUFACTURING FEATURES

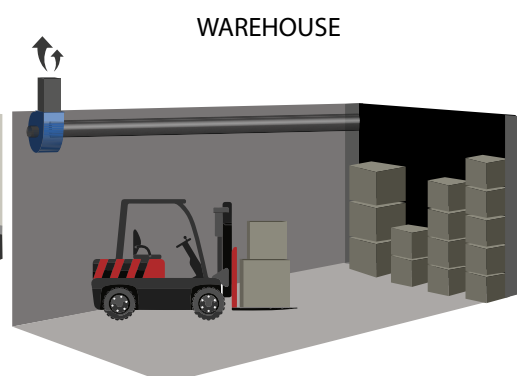
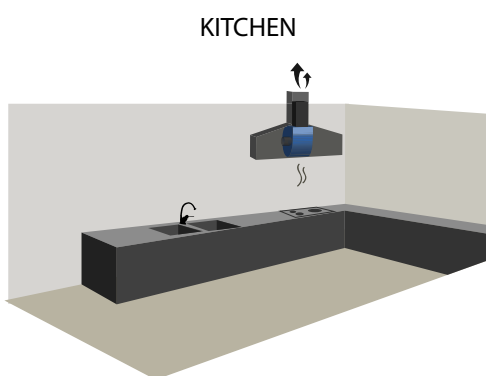
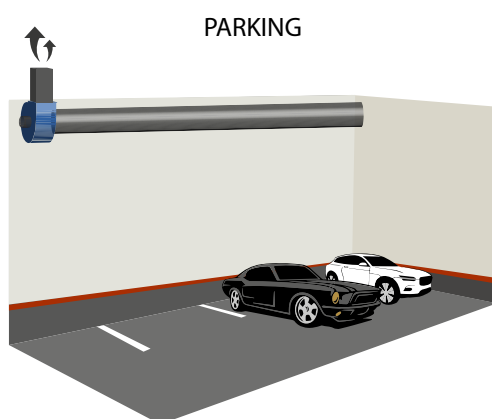
- Medium pressure centrifugal fan with direct coupling.
- Reinforced housing made of carbon laminated steel, protected against corrosion by powder coating polyester resin RAL 5010. Corrosion category C3.
- Casing fully joined and pivoting.
- Self-cleaning turbine and reinforced impeller with high-performance backward (reaction) impeller made of carbon laminated steel dynamically balanced to minimize noise and vibrations. Finishing coat in black RAL 9005.
- Motor for continuous operation (S1) and approved 400°C/2h for emergencies (S2). Squirrel cage asynchronous standard IEC motor with IP-55 protection and electrical insulation class H. Standard voltages 230/400V 50 or 60Hz for three-phase motors up to 4kW and 400/690V 50 or 60Hz for higher powers.
- Motor with feet (B3) supported on motor support foot.
- Sizes from 560 and above are supplied with a front support foot. For the other models the front support foot is optional.
- Inspection door to make maintenance and cleaning easier.
- Available in the following orientations (to be indicated in case of order): LG0, LG45, LG90, LG135, LG180; LG225, LG270, LG315, RD0, RD45, RD90, RD135, RD180; RD225, RD270, RD315.
- Maximum continuous working temperature: 130°C for transported air, 60°C for ambient temperature.

## COMPETITIVE ADVANTAGES

- IE3 motor.
- Industrial fan certified F400-120 inside the hazardous area (it can be installed inside the room, i.e. a kitchen).
- Waterproof housing with drain to eliminate the grease and common condensates in kitchens.

RANGE		
	Three phase 4 poles	Three phase 4 poles
	IGNÉO 312 T4 0,55kW	IGNÉO 312 T4 0,55kW
	IGNÉO 352 T4 0,55kW	IGNÉO 352 T4 0,55kW
	IGNÉO 402 T4 0,55kW	IGNÉO 402 T4 1,1kW
	IGNÉO 452 T4 1,1kW	IGNÉO 452 T4 1,5kW
	IGNÉO 502 T4 1,5kW	IGNÉO 502 T4 3kW
	IGNÉO 562 T4 3kW	IGNÉO 562 T4 5,5kW
	IGNÉO 632 T4 5,5kW	IGNÉO 632 T4 7,5kW
	IGNÉO 712 T4 7,5kW	
	Three phase 6 poles	Three phase 6 poles
	IGNÉO 502 T6 0,55kW	IGNÉO 502 T6 0,75kW
	IGNÉO 562 T6 0,75kW	IGNÉO 562 T6 1,5kW
	IGNÉO 632 T6 1,5kW	IGNÉO 632 T6 3kW
IGNÉO 712 T6 3kW	IGNÉO 712 T6 4kW	
AIRFLOW	28410 m³/h	23820 m³/h
PRESSURE	1750 Pa	1950 Pa
UNDER REQUEST	Special voltages fans.	
	2 speeds motor.	
	Protection against corrosion C4-C5.	
	Hot galvanised.	
	Totally welded housing (watertight).	
	Drain.	

### INSTALLATION EXAMPLES



fanware  
50Hz powered by casals



fanware  
60Hz powered by casals

