

Prestur/ Prextur

Medium pressure fan, backward impeller, direct driven with flanged motor Casals Ventilación, Storm trademark



Suitable for moving clean or dusty air. Designed to be fixed in the double suction flange, with the motor in vertical position.

- Paint booths
- Dust collection
- Food industry dryers
- Food processing
- Incineration
- Odour control in industry
- Indoor / outdoor pollution control
- Big buildings
- Malls
- Factories / Industrial buildings
- Warehouses
- Extraction of smoke
- Boilers and ovens
- Filter technology
- Manufacture and treatment of chemical products
- 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. Finish C3.
- Casing fully latched and adjustable.
- Self-cleaning turbine and reinforced impeller with high-performance backward (reaction) blades made of carbon laminated steel dynamically balanced to minimize noise and vibrations. Graffiti black RAL 9005.
- Squirrel cage standardized asynchronous IEC motor with IP-55 protection and class F electrical insulation. Standard voltages 230/400V 50Hz for three-phase motors up to 4kW and 400/690V 50Hz, for higher powers.
- Motor with flange (B5).
- Double suction flange.
- Available in the following guidelines (to be indicated in case of order): LG and RD.
- Available in the following versions (to be indicated in case of order):
 - Standard version.
 - Non-sparking air passage and standard motor.
 - ATEX II2GD Ex_d.
 - ATEX II2G Ex_e.
 - ATEX II3GD Ex_na.
- Maximum working temperature in continuous: transported air 130°C, ambient 60°C.

COMPETITIVE ADVANTAGES

- More efficient than other fans: up to 84% efficiency.
- Powerful centrifugal fan for universal use.
- The most complete range of the market (from Ø315 to Ø800) with accessories adaptable to any installation.
- Compact design because of direct drive.
- Cost effective by maintenance-free operation.
- Directly fitted Without brackets for vertical discharge (with accessory CPS).

RANGE	50Hz		60Hz	
	Three phase 2 poles		Three phase 2 poles	
	PRESTUR	PREXTUR	PRESTUR	PREXTUR
	PRESTUR 311 T2 1,1kW	PREXTUR 313 T2 1,5kW	PRESTUR 311 T2 2,2kW	PREXTUR 313 T2 3kW
	PRESTUR 312 T2 1,1kW	PREXTUR 314 T2 1,5kW	PRESTUR 312 T2 2,2kW	PREXTUR 314 T2 3kW
	PRESTUR 351 T2 2,2kW	PREXTUR 353 T2 2,2kW	PRESTUR 351 T2 4kW	PREXTUR 353 T2 4kW
	PRESTUR 352 T2 2,2kW	PREXTUR 354 T2 3kW	PRESTUR 352 T2 4kW	PREXTUR 403 T2 7,5kW
	PRESTUR 401 T2 3kW	PREXTUR 403 T2 4kW	PRESTUR 401 T2 7,5kW	PREXTUR 404 T2 9,2kW
	PRESTUR 402 T2 4kW	PREXTUR 404 T2 5,5kW	PRESTUR 402 T2 7,5kW	
	Three phase 4 poles		Three phase 4 poles	
	PRESTUR 311 T4 0,37kW	PREXTUR 313 T4 0,37kW	PRESTUR 311 T4 0,37kW	PREXTUR 313 T4 0,37kW
	PRESTUR 312 T4 0,37kW	PREXTUR 314 T4 0,37kW	PRESTUR 312 T4 0,37kW	PREXTUR 314 T4 0,37kW
	PRESTUR 351 T4 0,37kW	PREXTUR 353 T4 0,37kW	PRESTUR 351 T4 0,55kW	PREXTUR 353 T4 0,55kW
	PRESTUR 352 T4 0,37kW	PREXTUR 354 T4 0,37kW	PRESTUR 352 T4 0,55kW	PREXTUR 354 T4 0,75kW
	PRESTUR 401 T4 0,55kW	PREXTUR 403 T4 0,55kW	PRESTUR 401 T4 1,1kW	PREXTUR 403 T4 1,1kW
	PRESTUR 402 T4 0,55kW	PREXTUR 404 T4 0,55kW	PRESTUR 402 T4 1,1kW	PREXTUR 404 T4 1,1kW
	PRESTUR 451 T4 0,75kW	PREXTUR 453 T4 1,1kW	PRESTUR 451 T4 1,5kW	PREXTUR 453 T4 2,2kW
	PRESTUR 452 T4 1,1kW	PREXTUR 454 T4 1,1kW	PRESTUR 452 T4 1,5kW	PREXTUR 454 T4 2,2kW
	PRESTUR 501 T4 1,5kW	PREXTUR 503 T4 1,5kW	PRESTUR 501 T4 2,2kW	PREXTUR 503 T4 3kW
	PRESTUR 502 T4 1,5kW	PREXTUR 504 T4 2,2kW	PRESTUR 502 T4 3kW	PREXTUR 504 T4 3kW
	PRESTUR 561 T4 2,2kW	PREXTUR 563 T4 3kW	PRESTUR 561 T4 5,5kW	PREXTUR 563 T4 5,5kW
	PRESTUR 562 T4 3kW	PREXTUR 564 T4 3kW	PRESTUR 562 T4 5,5kW	PREXTUR 564 T4 5,5kW
	PRESTUR 631 T4 4kW	PREXTUR 633 T4 5,5kW	PRESTUR 631 T4 7,5kW	PREXTUR 633 T4 11kW
	PRESTUR 632 T4 5,5kW	PREXTUR 634 T4 5,5kW	PRESTUR 632 T4 11kW	
	PRESTUR 711 T4 7,5kW	PREXTUR 713 T4 9,2kW	PRESTUR 711 T4 15kW	
	PRESTUR 712 T4 9,2kW	PREXTUR 714 T4 11kW	PRESTUR 712 T4 15kW	
	PRESTUR 801 T4 15kW	PREXTUR 803 T4 18,5kW		
	PRESTUR 802 T4 15kW	PREXTUR 804 T4 18,5kW		
AIR FLOW		40650 m³/h	45060 m³/h	34100 m³/h
PRESSURE		2200 Pa	2200 Pa	3050 Pa

UNDER REQUEST	Fans for 60Hz or special voltages.	Anticorrosive paint.
	2 speed motor.	Fully welded housing (waterproof).
	C4 or C5 coating painting.	Inspection door for easy maintenance and cleaning.
	Hot dip galvanized.	Sewer system.
	Inox 304 (normal or electropolished finish).	Airtight axle.
	Inox 316 (normal or electropolished finish).	Other brands of motors and PTC.
Cooling wheel.		

INSTALLATION EXAMPLE

Paint booths

