

KUVIO 160 (KUV160)

GENERAL DATA



HIGH EFFICIENCY IN-LINE MIXED FLOW FAN MADE OF FIRE RESISTANT PLASTIC RESIN

MANUFACTURING FEATURES

- High-efficiency in-line mixed flow fan with motor supports, inlet and impeller built in fire-resistant plastic resin, class E2, according to ISO EN 11925-2:2010, in areas close to the motor and electrical components.
- The side cones incorporate the fan anchoring supports on the surface in order to guarantee a quick and safe installation. Designed to allow the assembly or disassembly of the fans without manipulating the ducts.
- Standard version and version with timer (T).
- Induction motor, thermally protected, with shaft mounted on ball bearing supports, coupled to a mixed flow impeller. Two-speed (sizes 100 to 160) and three-speed (sizes 200 to 315) single-phase motor with thermal overload disconnection and shafts that activate ball bearings to guarantee long-term continuous work (at least 30,000 hours at the maximum temperature of the plate). Standard voltages 220-240V 50Hz and 60Hz. Adjustable speed with Casals speed devices.
- Protection degree from IP44 to IPX5, depending on the model (if installed in a conduit).
- IMQ Safety certificate to guarantee electromagnetic compatibility.
- Maximum continuous working temperature: 50°C.

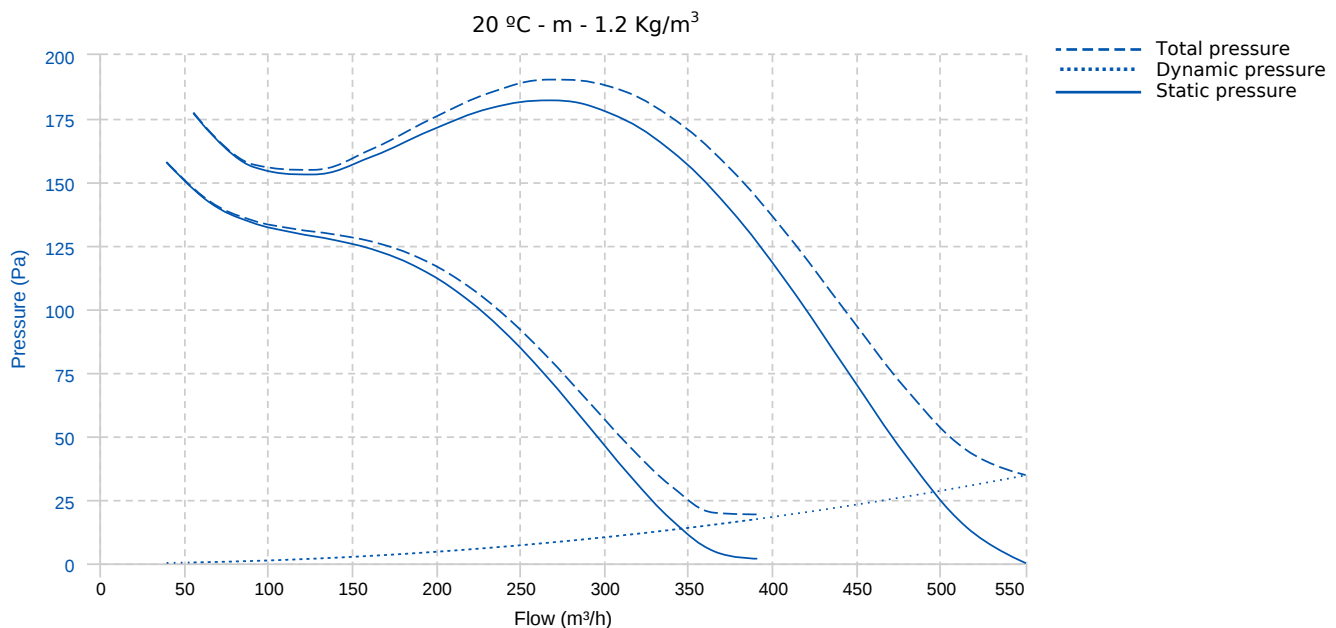
| APPLICATIONS

Designed for duct supply and exhaust ventilation systems that require excellent response in terms of high pressure and air flow, while keeping noise under control.

It can be used in many small and medium ventilation installations for air renewal such as:

- Bathrooms and changing rooms.
- Commercial offices.
- Extraction in domestic kitchens after the extraction hood.
- Schools
- Waiting room.
- Commercial premises, laundries, shops, bars, restaurants etc.

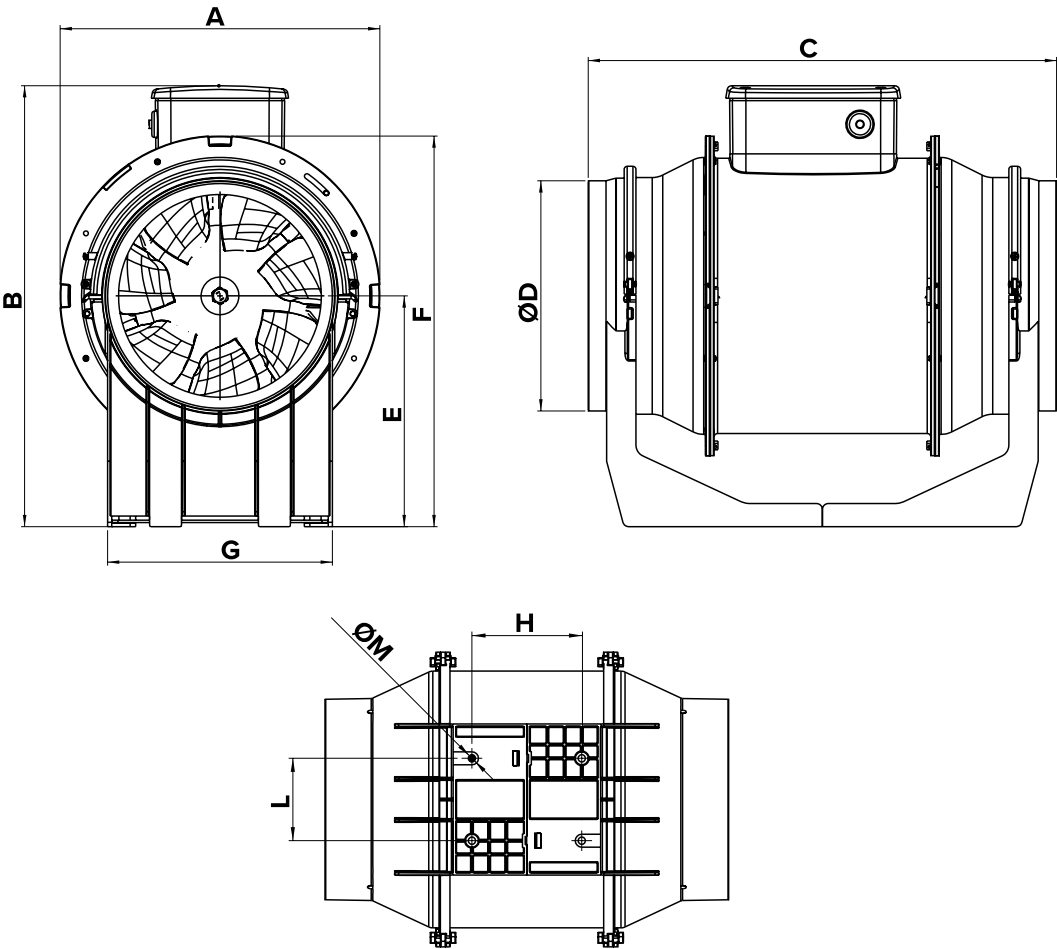
PERFORMANCE CURVE



TECHNICAL DATA

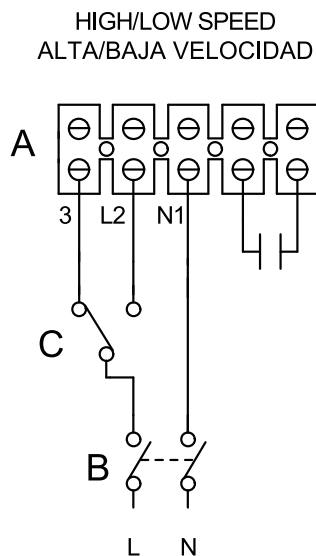
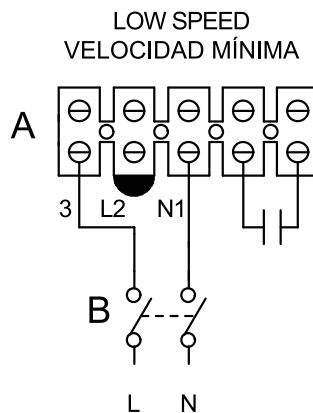
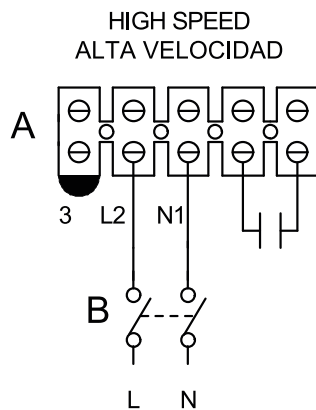
Fan					
Approx. weight	3.2 kg	Max. Flow	560 m³/h		
Motor					
Power	0,04/0,058 kW	RPM	2100/1580	I max. (230V)	0,18/0,26 A

DIMENSIONS



Dimensions (mm)									
A	214.5	B	234	C	272.5	D	156	E	112.5
F	212	G	110	H	60	L	80	M	5,5

WIRING DIAGRAM



- A) Terminal block
Bornes
- B) Bipolar switch
Interruptor bipolar
- C) Min/max. speed switch
Selector de velocidad mín./máx.

ACCESSORIES



MANUAL SINGLE PHASE SPEED CONTROLLER
REG 1,5A
REF: 960710015



SPEED SELECTOR SWITCH
INT 3V 3A
REF: 960000603



CIRCULAR SOUND ATTENUATOR IN GALVANISED STEEL
SILC-MINI 160
REF: SILCM160



BACKDRAUGHT SHUTTER
BDC Ø 160
REF: BDC160



CIRCULAR OUTDOOR FLANGE WITH BIRD GUARD
VISC Ø160
REF: VISC160