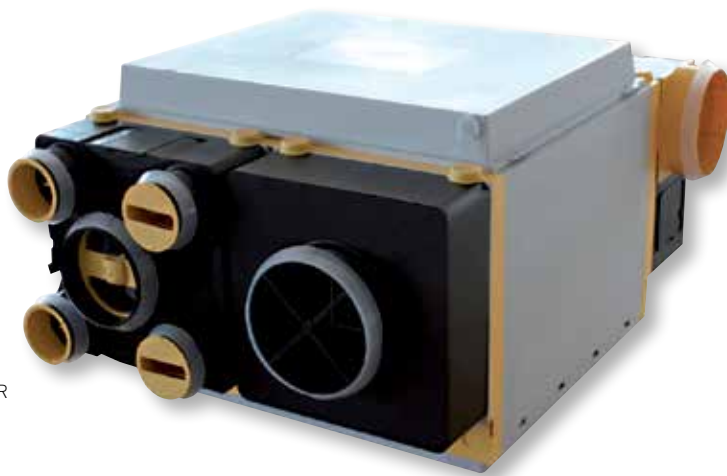




AKOR ST



AKOR ST HR

Balanced-airflow VMC for single dwelling houses, with crossflow heat exchanger. It guarantees continuous air replacement in single dwelling houses. It connects, via ducting, to extraction outlets in each of the 'wet' rooms. The fresh air that has been pre heated enters the rooms through supply air vents. Equipped with 2 centrifugal fans (a supply and an extract fan), each with a 230V-50Hz motor, Class B, 2-speed, designed for continuous operation, and terminal housing to connect the power supply cable.

Specific applications



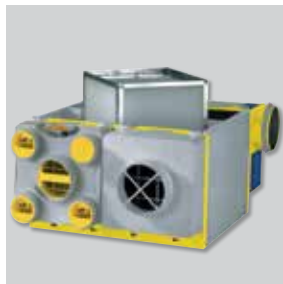
Attic or closet installation



Heat recovery unit



Easy maintenance
and filter cleaning.



Efficient cross flow heat exchanger
Efficient cross flow heat exchanger, manufactures from polypropylene plates.



Drain
Permanent drain to evacuate condensation water.



Integrated rubber seals
Circular connection flange with Integrated rubber seals.



Thermal insulation in fiberglass.



Switch
Incorporated switch (Extract/Input).
2 extract positions with stop.
2 input positions with stop.

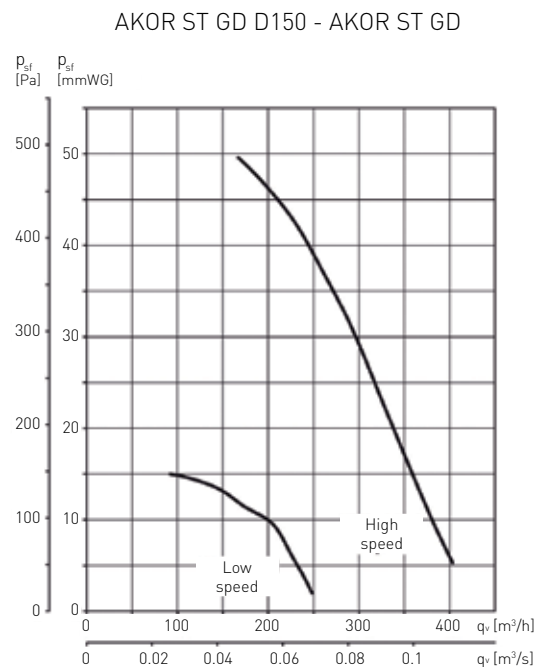
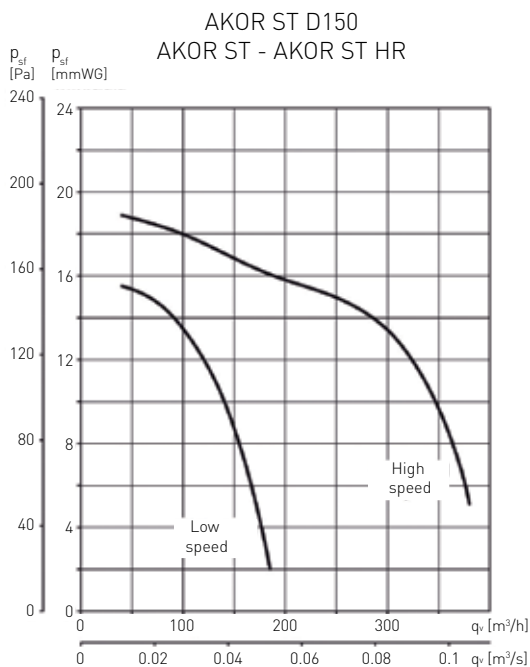
TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model	Voltage (V)	Power absorbed at free discharge (Maximum) (W)	Configuration	Weight (kg)
AKOR ST D150	230	132	1 inlet bellmouth 150 mm	15
AKOR ST GD D150	230	270	1 inlet bellmouth 150 mm	16
AKOR ST	230	132	4 inlet bellmouth 80 mm 1 inlet bellmouth 125 mm	15
AKOR ST GD	230	270	4 inlet bellmouth 80 mm 1 inlet bellmouth 125 mm	16
AKOR ST HR	230	132	4 inlet bellmouth de 80 mm 1 inlet bellmouth 125 mm	16

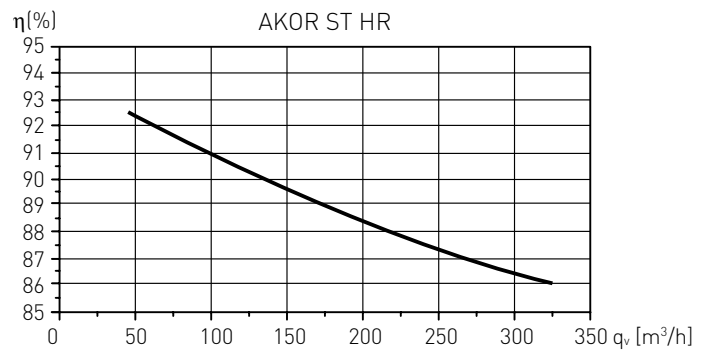
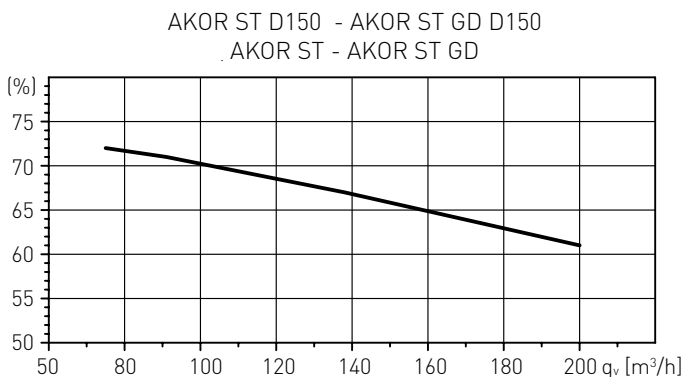
PERFORMANCE CURVES

The curves correspond to each of the 2 fans that each AKOR model incorporates.

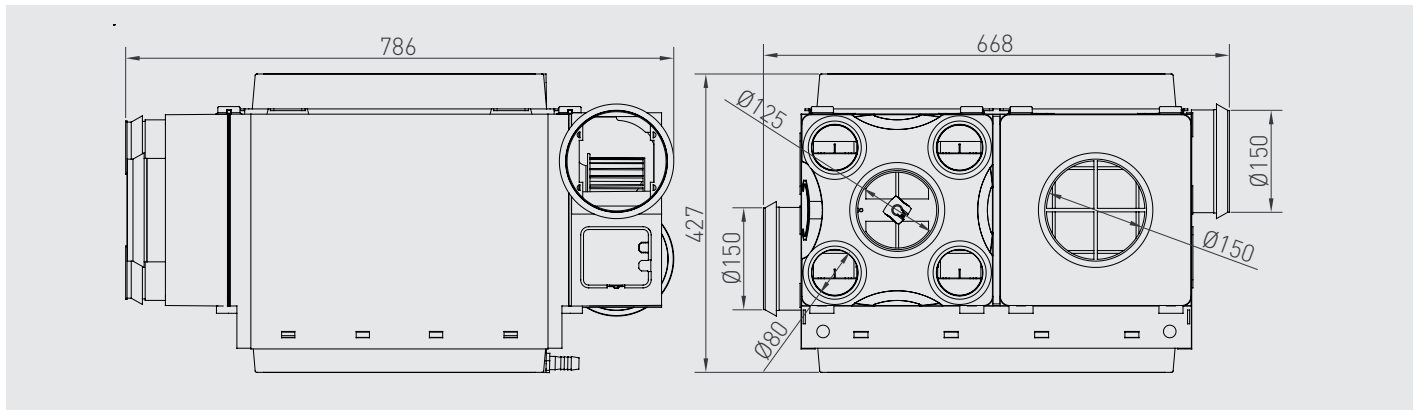


EFFICIENCY CURVE

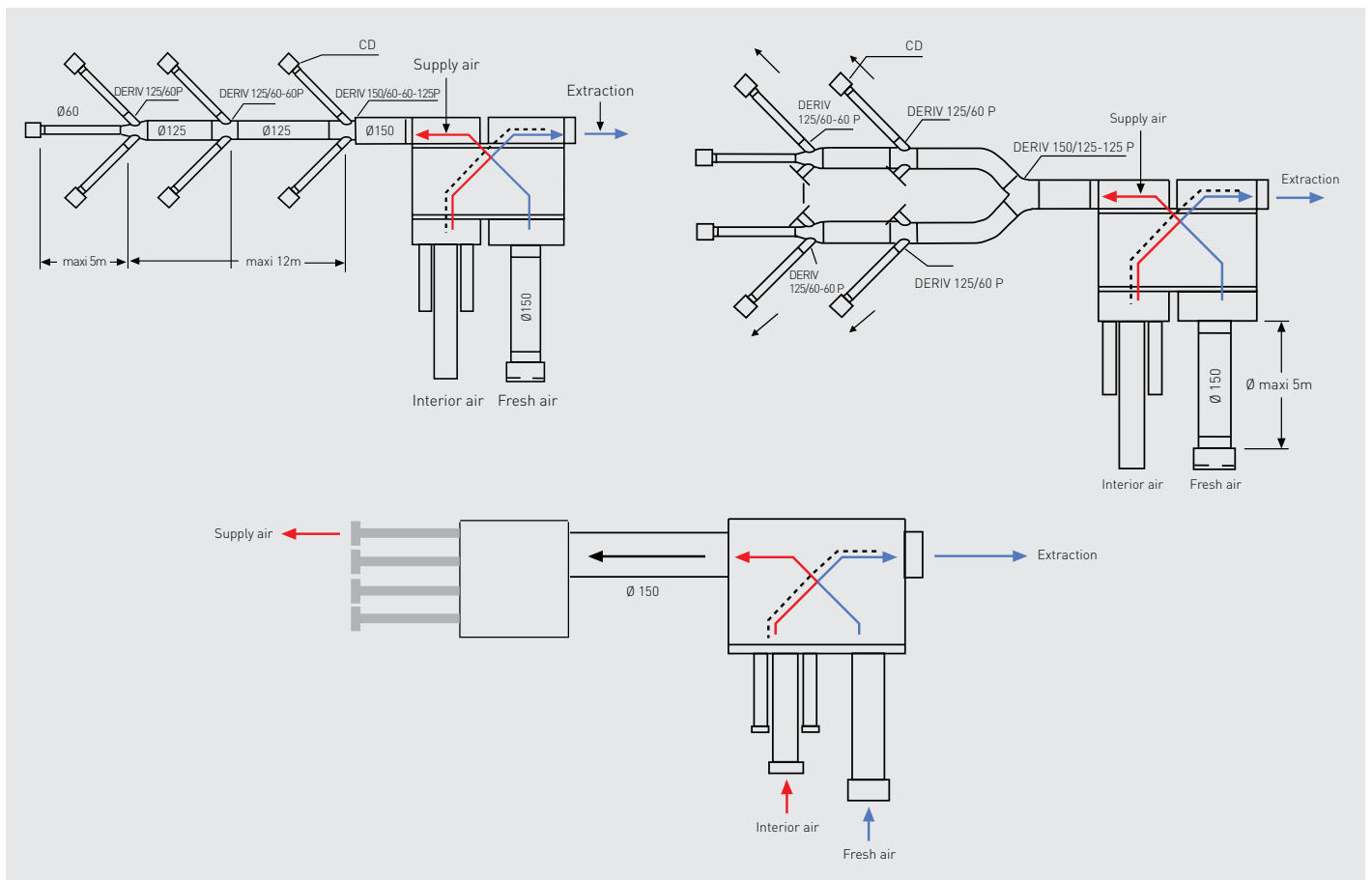
Outdoor temperature: 5°C.
 Outdoor relative humidity: no significant.
 Indoor temperature: 25°C.
 Indoor relative humidity: 30%.



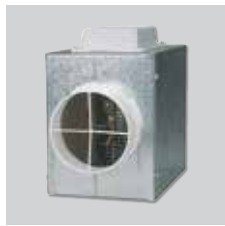
DIMENSIONS (mm)



INSTALLATION EXAMPLES



ACCESSORIES



**ABE D.05
Defrosting unit**
 Prevents the formation of ice from the condensation on the interchanger plates in the air extract. Made from galvanized steel plate and supplied with polyethylene clips. It has a heat resistance of 500W and control thermostats.



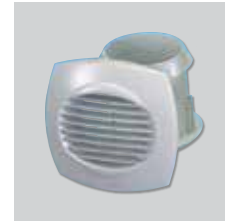
**ABE/CORIS
Heating unit**
 Allows the temperature of the blown air to be increased. It has a 500W power heating element and control thermostats.



**TAT
Air inlet for false ceiling mounting**



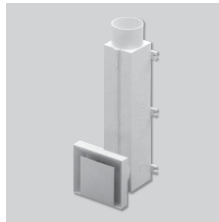
**TAP
Air inlet wallmounted**



**BOA/BOAC
Inlet valves**
 BOA 80/125.
 BOAC 80/125.



**CT
Plastic roof terminal cowl**



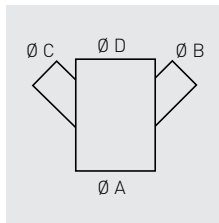
**CD
Intake grille**
 Designed to introduce air into individual houses. It can be installed on a wall, ceiling or on straight or inclined ceiling tiles. Diameter 60 mm.



Plenum AKOR
 10 inlet spigots in Ø60 mm.
 Outlet spigot in Ø150 mm. 5 covers.



DERIV
 Duct fittings.



Model	Ø A (mm)	Ø B (mm)	Ø C (mm)	Ø D (mm)
DERIV 80-80 P	80	80	80	
DERIV 125-60-60-125 P	125	60	60	125
DERIV 125-60-60-125 P	125	60	60	60
DERIV 150-125-125 P	150	125	125	
DERIV 150-60-60-125 P	150	60	60	125