



NEW

Ducto 100

Ducto 125

Ducto 150

Brand new low-noise axial inline fans for exhaust or supply ventilation with superior capacity up to 375 m³/h

Use

- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other utility spaces.
- Exhaust or supply ventilation depending on the fan mounting type in the system.
- Designed for PVC ducting systems or flexible ducts.
- From low to medium air flow motion for short distances at low air resistance.
- Compatible with Ø 100, 125 and 150 mm air ducts.

Application

- Residential premises
- Flats, cottages
- Offices
- Utility spaces
- Trade premises
- Restaurants
- Health care facilities
- Child care facilities

Features

- The casing and the impeller are made of high-quality durable plastic.
- Specially designed mixed-flow impeller profile ensures high air capacity and low noise level.
- Protection rating IPX4.
- Low energy usage from 4.5 W.
- The models of Blauberg Ducto Series are equipped with a single-phase motor and are available in single- or two speed modifications.
- The motors have thermal overheating protection for motor overload prevention.
- The motor is mounted on special anti-vibration dampers.

Options

Ducto Plus – reliable single-phase two speed motor.

Ducto Power Plus – two-speed high-powered motor.

Ducto T – modification with a regulated timer with the operating time from 2 to 30 minutes.

Ducto W1 – modification with a power cord with IEC C14 electric plug.

Ducto-U – modification with a fixing bracket for flat surface mounting.

Control

- Manual speed control with a room light switch. It is not included in the delivery package.
- Smooth speed control with a thyristor speed controller (see Electrical Accessories). Several fans may be connected to the same controller. The models with timer are not compatible with a speed controller.

- Automatic fan control with the electronic control unit MCD 60/0.3 (see Electrical Accessories). The control unit is supplied separately.
- Automatic fan control with the timer T (built-in turn-off delay timer enables the fan operation within 2 to 30 minutes after the fan switching off).

Operation modes of fans with timer

Updated automatic control for T modifications of models Ducto Plus 100, 125, 150 and Ducto Power Plus 150 enables to set one of four available operation modes. Changeover to another operation mode by means of by setting the DIP switch to a respective position.

Mode 1 (single-speed mode)

The fan is turned off by default.

The fan starts operating with the 1st speed when the switch is closed.

Mode 2 (single-speed mode)

The fan is turned off by default.

The fan starts operating with the 2nd speed when the switch is closed.

Mode 3 (two-speed mode)

The fan operates with the 1st speed by default.

The fan switches to the 2nd speed when the switch is closed.

Mode 4 (automatic interval mode)

The fan operates at the 1st speed by default. Each set time (adjustable from 1 to 15 hours) the fan switches to the 2nd speed automatically and reverts back to 1st speed after 2 - 30 minutes operation with maximum capacity.

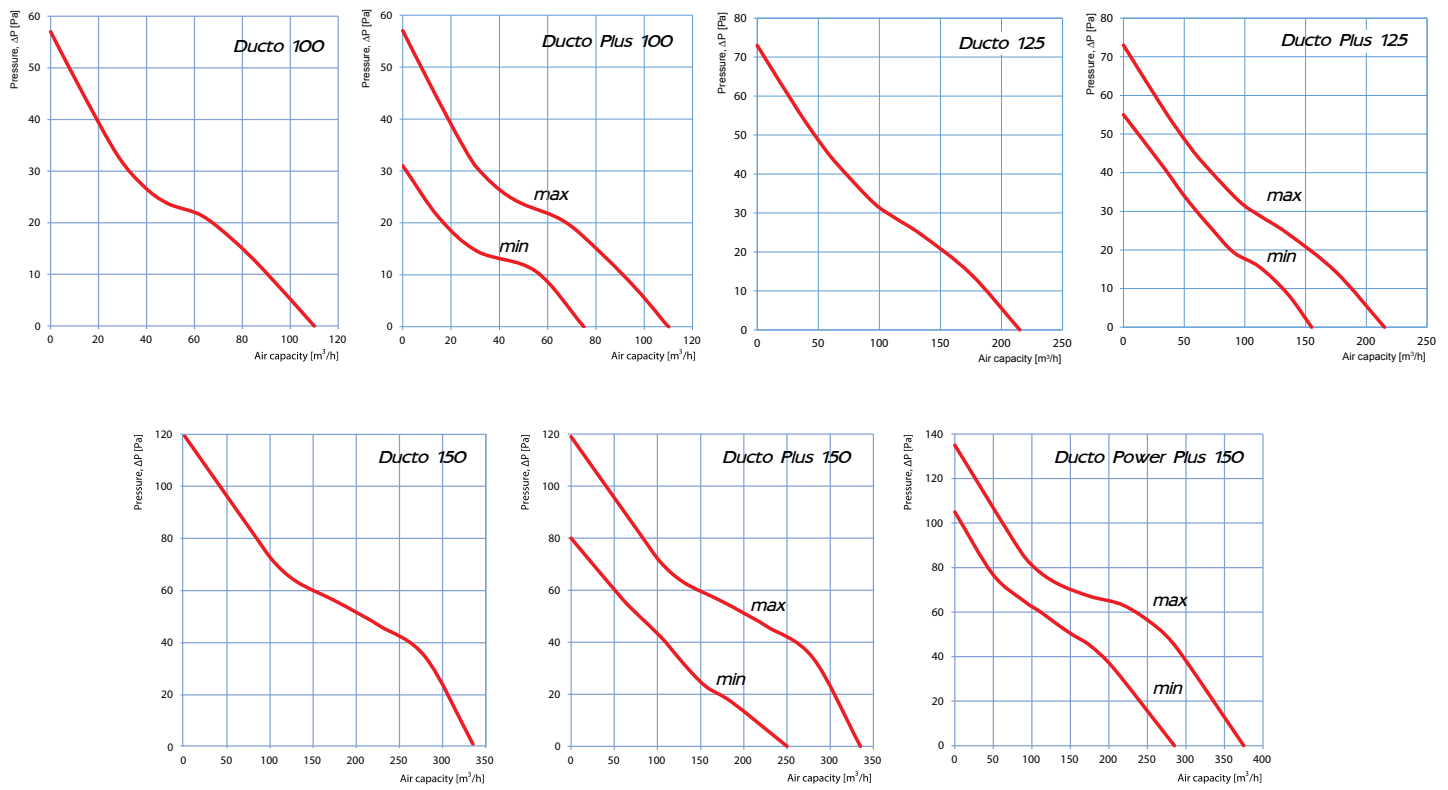
Mounting

- The fan is mounted into a matching duct size. Fastening with clamps in case of flexible duct connection.
- The mounting bracket enables installation of the fan on horizontal and vertical flat surfaces (Ducto-U model).
- Two fans can be installed in series for higher operation pressure.



Ducto-U – fan with a fixing bracket for flat surface mounting

Aerodynamic characteristics



Technical data

Model	Speed	Voltage [V] at 50/60 Hz	Power Consumption [W]	Current [A]	RPM [min ⁻¹]	Maximum air capacity [m ³ /h]	Sound Pressure Level at 3 m [dB(A)]	Weight [kg]
Ducto 100	-	220-240	7.5	0.049	2100	110	25	0.61
Ducto Plus 100	min	220-240	4.5	0.029	1650	75	22	
	max		7.5	0.049	2100	110	25	
Ducto 125	-	220-240	13	0.085	2250	215	33	0.75
Ducto Plus 125	min	220-240	10	0.065	1950	155	29	
	max		13	0.085	2250	215	33	
Ducto 150	-	220-240	22	0.095	2250	340	39	1.3
Ducto Plus 150	min		19	0.087	1950	250	36	
	max		22	0.095	2250	340	39	
Ducto Power Plus 150	min		22	0.103	2300	285	38	
	max		25	0.109	2600	375	41	

Overall dimensions, mm

Model	L	Ø D	K
Ducto 100	137.5	100	-
Ducto-U 100	137.5	100	53.5
Ducto 125	161.5	125	-
Ducto-U 125	161.5	125	53.5
Ducto 150	181.5	150	-
Ducto-U 150	181.5	150	53.5

