VENTS Domino Series

Exhaust decorative axial fan with air capacity up to 310 m³/h

Applications

● Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other utility spaces.

● Ventilation shaft mounting or duct connection.

● Low to medium air flow motion for short distances at low air resistance.

● Compatible with 100, 125 and 150 mm air ducts.

Domino 1

Domino 2

Design

● Modern design and original look.

● The casing and the impeller are made of high-quality durable ABS plastic, UV resistant.

● Front panel is made of white, black or red organic glass in various combinations.

● The impeller design enhances the fan efficiency and prolongs the motor service life.

● Protection rating IP 34.

Motor

● Reliable motor with low energy demand.

● Designed for continuous operation and requires no maintenance.

● Equipped with overheating protection.

Modifications and options

Domino K – the fan is equipped with a back valve to prevent air backdrafting.

Domino L – the motor is equipped with ball bearings for long service life (appr. 40 thousand hours) and fan mounting at any angle. The bearings are maintenance-free and contain enough grease for the entire operating period.

Domino turbo – high-powered motor.

Domino 2 – equipped with a reliable low-voltage motor, 12 V.

Domino T – equipped with a turn-off delay timer adjustable from 2 to 30 minutes.

Domino TH – equipped with a turn-off delay timer adjustable from 2 to 30 minutes and a humidity sensor adjustable from 60% to 90%.

Domino V – equipped with a pull cord switch.

Domino VT – equipped with a pull cord switch and a turn-off delay timer adjustable from 2 to 30 minutes.

Domino VTH – equipped with a pull cord switch, turn-off delay timer adjustable from 2 to 30 minutes and a humidity sensor adjustable from 60% to 90%.

Control

Manual:

● The fan is controlled with a room light switch (not included into delivery set).

● The fan is controlled with a built-in pull cord switch **"V"**. This option is not applicable for ceiling mounting.

● Speed control with a thyristor speed controller, refer the Electric accessories. Several fans may be connected to one controller.

Automatic:

● Speed control with a an electronic control unit **BU–1–60**, refer the Electric accessories. The control unit is available upon separate order.

● Fan control with a turn-off delay timer **"T"** that enables fan running from 2 to 30 minutes after turning the fan off.

● Fan control with a humidity sensor and turn-off delay timer **"TH"** that enables fan switching on and running until the indoor humidity drops below the set point adjustable from 60% to 90% and subsequent fan running within the set time before turning off.

Mounting features

● The fan is mounted directly into the ventilation shaft.

● Flexible duct connection is recommended in case of the remote ventilation shaft location. The air duct is connected to the fan exhaust flange through a clamp.

● Fixing to wall with screws.

● Suitable for ceiling mounting.

● The step-down transformer (TRF 220/12-25) enables connection of a low-voltage fan 12 V / 50 Hz to 220 V / 50 Hz power mains. Available upon separate order.

Accessories

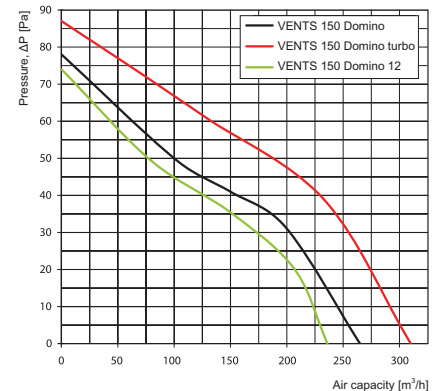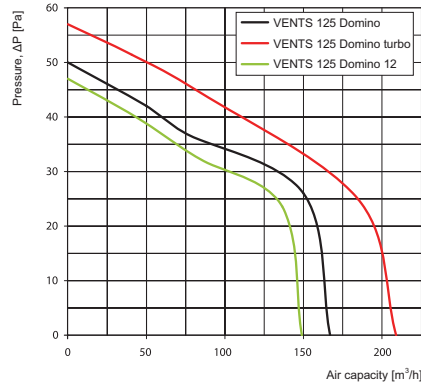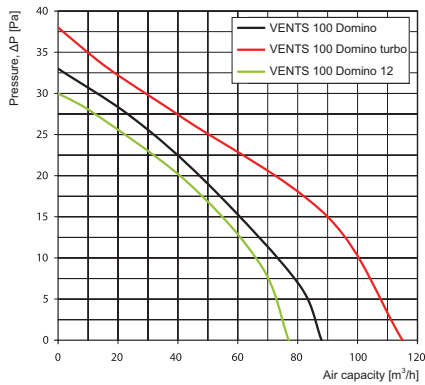| Air ducts | Grilles and hoods | Back valves | Controllers | Control unit | Transformer | Clamps |

Aerodynamic characteristics

VENTS 100 Domino
VENTS 100 Domino turbo
VENTS 100 Domino 12

VENTS 125 Domino
VENTS 125 Domino turbo
VENTS 125 Domino 12

VENTS 150 Domino
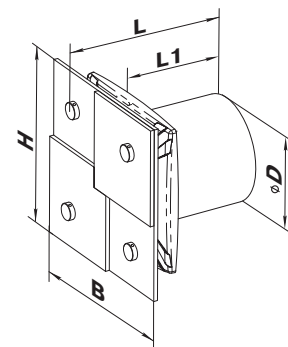VENTS 150 Domino turbo
VENTS 150 Domino 12

Technical data

Model	Voltage [V] at 50 Hz	Power [W]	Current [A]	RPM [min⁻¹]	Maximum air capacity [m³/h]	Sound Pressure Level at 3m [dB(A)]	Weight [kg]
VENTS 100 Domino	220-240	14	0,085	2200	88	33	0,86
VENTS 125 Domino	220-240	16	0,1	2400	167	34	1,11
VENTS 150 Domino	220-240	24	0,13	2400	265	37	1,35
VENTS 100 Domino turbo	220-240	16	0,1	2300	115	36	0,94
VENTS 125 Domino turbo	220-240	24	0,105	2400	209	36	1,18
VENTS 150 Domino turbo	220-240	30	0,13	2400	310	39	1,49
VENTS 100 Domino 12	12	14	1,5	2200	77	32	0,88
VENTS 125 Domino 12	12	16	1,7	2300	149	33	1,06
VENTS 150 Domino 12	12	24	2	2300	236	36	1,31

Mounting example

Overall dimensions

Model	Dimensions [mm]				
	H	B	Ø D	L	L1
VENTS 100 Domino	170	170	99,5	138	96
VENTS 125 Domino	196	196	124,5	143	101
VENTS 150 Domino	226	226	149,5	161	118

Certificates

IP 34   The fans meet the applicable safety and electromagnetic compatibility standards.