monsoon Silence range Zone 1

Low noise, low energy fan





NATIONAL VENTILATION

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The new **Monsoon Silence** range is the latest innovative domestic ventilation solution providing high extraction rates with low energy use and exceptionally quite running levels . The casing and impeller are made of durable high quality UV-resistant plastic, the stylish design makes the fan match well with any modern interior.

Models available

Code	Description
100mm - 97m³/hr	
MON-S100	100mm Standard Model
MON-S100T	100mm Timer Model adjustable from 2-30 minutes
MON-S100HT	100mmTimer/Humidistat Model adjustable from 60 to 90%
MON-S100PC	100mm Pull-Cord Model
MON-S100PIR	100mm Passive Infrared Sensor Model c/w Timer
125mm - 185m³/hr	
MON-S125	125mm Standard Model
MON-S125T	125mm Timer Model adjustable from 2-30 minutes
MON-S125HT	125mm Timer/Humidistat Model adjustable from 60 to 90%
MON-S125PC	125mm Pull-Cord Model
MON-S125PIR	125mm Passive Infrared Sensor Model c/w Timer
150mm - 370m³/hr	
MON-S150	150mm Standard Model
MON-S150T	150mmTimer Model adjustable from 2-30 minutes
MON-S150HT	150mmTimer/Humidistat Model adjustable from 60 to 90%
MON-S150PC	150mm Pull-Cord Model
MON-S150PIR	150mm Passive Infrared Sensor Model c/w Timer

Features

- Low noise as low as 25 dB(A) suitable for ZONE 1
- Specific fan power as low as 0.27 W/L/S
- 100 & 125mm IP45 (as long as RCD is present) , 150mm IPX4
- This fan can be used with longer duct runs due to its mix-flow impeller but ducting will effect the fan performance (see graphs)
- Long life ball bearing motors, service life 40,000 hours
- Back draught shutter as standard
- Rubber anti-vibration mounts are designed for motor vibration absorption and noise insulation
- Specially designed air flow vanes reduce air turbulence, boost air pressure and reduce noise levels
- Complete with backdraught shutters to prevent back flow and heat loss
- Complies with both Part F & L
- Standard thermal overload protection on motor



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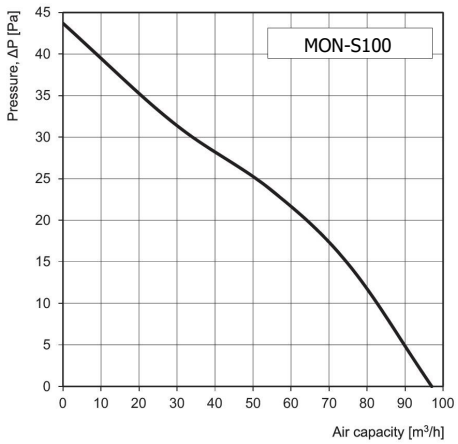
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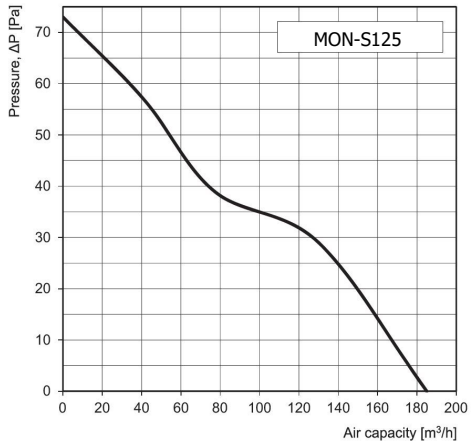
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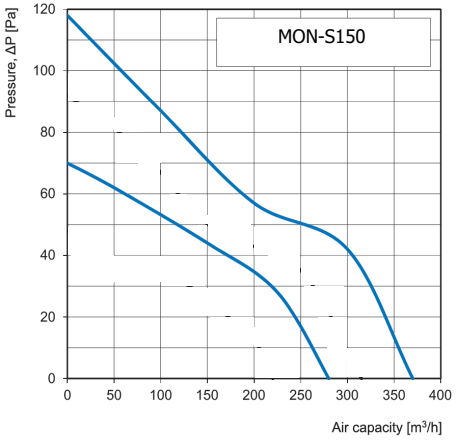
Technical

Model	MON-S100	MON-S125	MON-S150	
Speed	-	-	High	Low
Volts at 50 Hz(V)	230	230	230	230
Power (W)	7.5	17	22	19
Current (A)	0.049	0.11	0.1	0.09
Performance (m^3/Hr)	97	185	370	280
Sound @ 3m dB(A)	25	32	38	32
Weight (Kg)	0.55	0.78	1.33	1.33
IP rating	IP45	IP45	IP X5	IP x5

Performance graphs







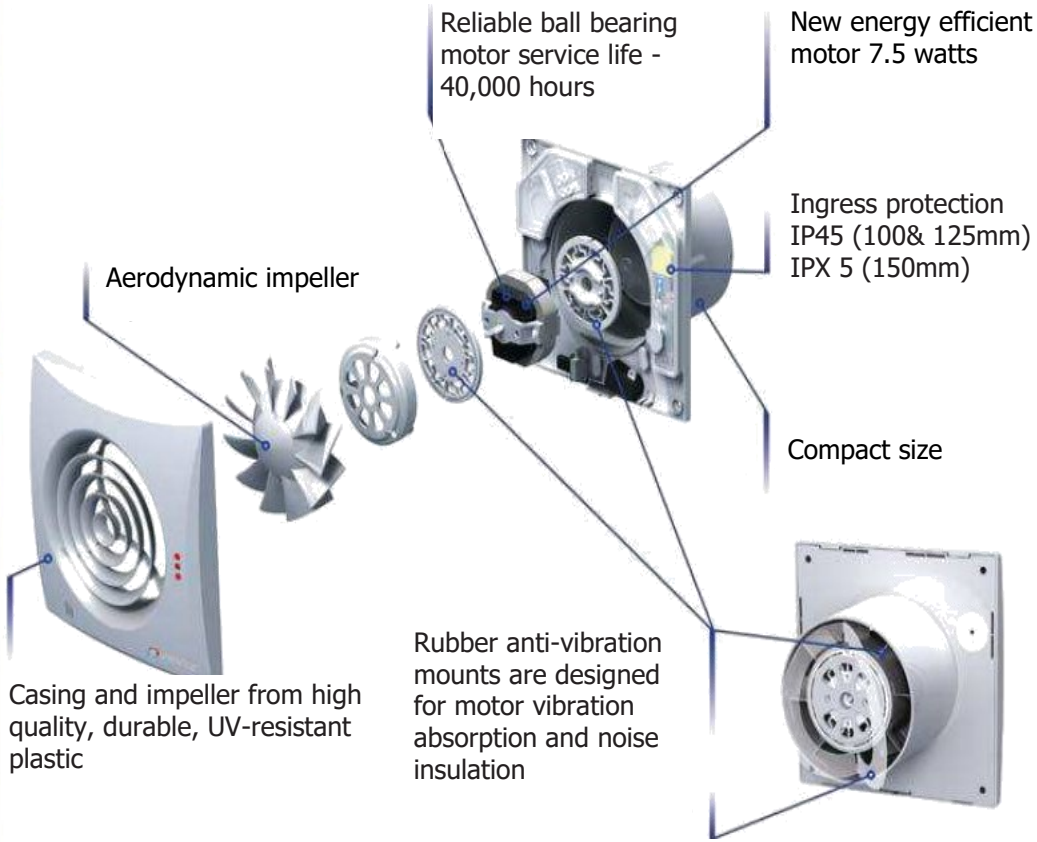
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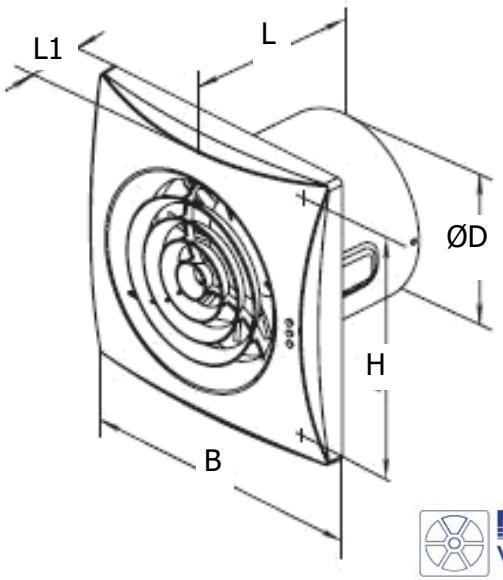
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Design features



Dimensions

Model	ØD	B	H	L	L1
MON-S100	99	158	136	107	26
MON-S125	123.5	182	158	91	27
MON-S150	147.5	214	190	130	31.6



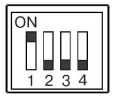
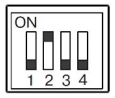
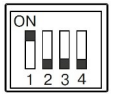
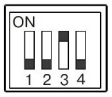
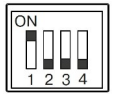
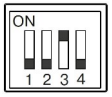
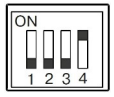
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150mm Two speed control options

Model	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5
MON-S150 T				–	–
MON-S150 PIR				–	–
MON-S150 HT					

The operation mode of the fan models 150mm Silence T, PIR & HT is selected by setting the DIP switch into the required position. Use the plastic screwdriver from the delivery set to set the DIP-switch to required position.

Mode 1 (single-speed mode)

The fan is turned off by default. The fan starts operating at the 1st speed when the switch is closed or one of the sensors is activated.

Mode 2 (single-speed mode)

The fan is turned off by default. The fan starts operating at the 2nd speed when the switch is closed or the sensors are activated.

Mode 3 (two-speed mode)

The fan operates at the 1st speed by default. The fan switches to the 2nd speed when the switch is closed or the sensors are activated.

Mode 4 (two-speed mode)

The fan is turned off by default. The fan starts operating at the 1st speed when the switch is closed and switches to the 2nd speed when the humidity sensor is activated.

Mode 5 (two-speed mode)

The fan is turned off by default. The fan starts operating at the 1st speed when the switch is closed or when the humidity sensor is activated. If during the operation at the 1st speed the second even takes place. i.e. the switch is closed or the humidity sensor is activated, the fan switches to the 2nd speed.

ATTENTION! The operation mode 1 is set by default.

Any other operating mode may be set during the fan mounting or during its operation. Setting the DIP switch to any operating position other than stated in the table results in the emergency mode with red light indication. In such a case disconnect the fan from power supply in such a case and set the DIP switch to a correct position.

IP 45

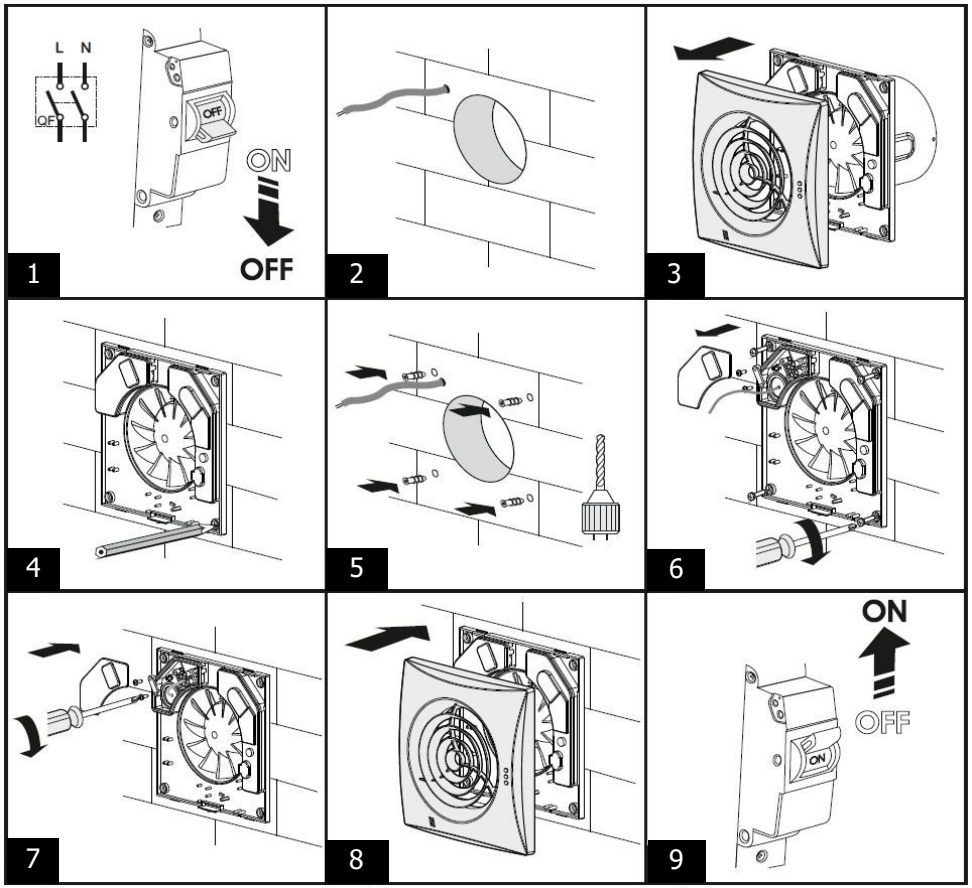
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Installation guide





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