

MOLE

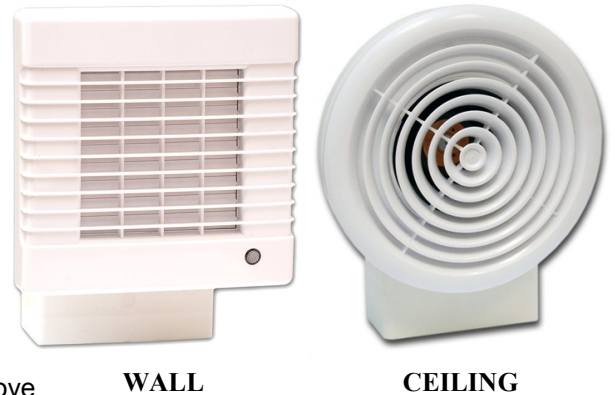
Internal Bathroom Fan

About MOLE

The MOLE bathroom fan quickly and quietly removes humidity and stale air from internal bathrooms or from bathrooms where there are no opening windows. It features a very powerful 12V brushless motor and a remote transformer with timer overrun.

There are two versions of the MOLE fan, one for installing on walls and the other for ceiling installation. Both of these are of slim design so are unobtrusive, and are designed to extract air through a 90° ducting connection and through rectangular ducting making them an ideal choice for connecting to ducting running under floorboards or above ceiling panels.

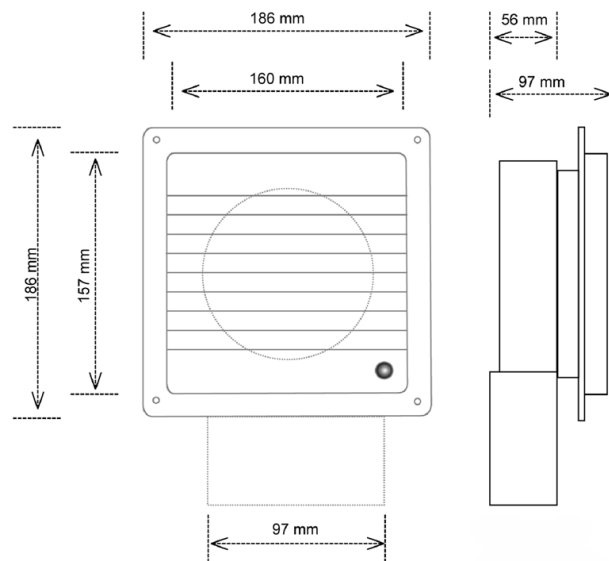
Operation of the MOLE fan is fully automatic - the fan will operate when bathroom light is switched on. There are no user adjustments required. A single gang remote proportional timer transformer is included as standard. A remote AUTOSTAT humidity controller is available as an optional extra



MOLE uses only **8 WATTS** of electricity

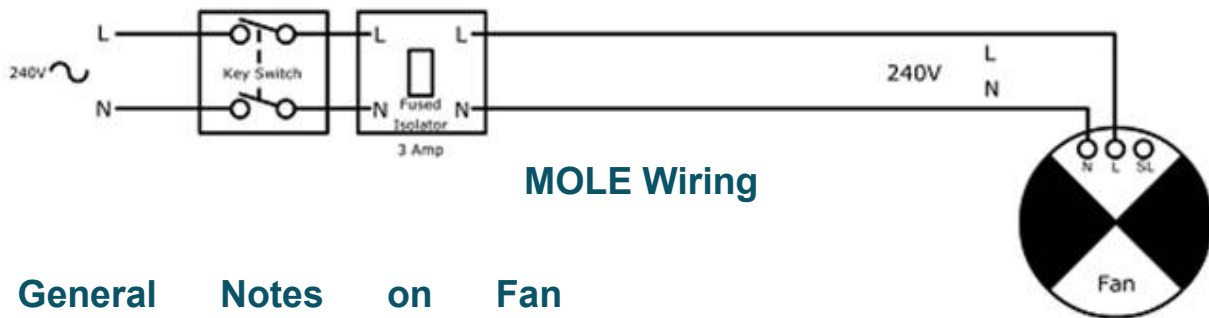
Features and Benefits

- 90° exhaust spigot for connecting to connecting to ducting running under floorboards or above ceiling panels.
- Shipped as standard with a rectangular spigot which is ideal for space saving or installations where space is limited. A circular ducting adapter available.
- The MOLE operates when the light switch is turned on and is programmed for proportional timer control so is energy efficient and does not run unnecessarily
- Produces up to 70m³/h of air flow thereby conforming to building regulations part F
- Incorporates Maglev DC fan motors - designed to operate for 50,000+ hours fault free which means:
 - ◇ Almost silent operation
 - ◇ Cost effective as it is inexpensive to run, low maintenance and has a long life.
 - ◇ Can be fixed in any orientation without affecting performance (wall, ceiling)
- Optional RHL AUTOSTAT humidity controller which continually monitors ambient humidity and automatically adjusts the control level accordingly
- 5 year guarantee giving peace of mind



Mole options

Item	Part No.	Kit Contents
MOLE bathroom fan (wall)	MOLE	Fan with customised rectangular adaptor
MOLE bathroom fan (ceiling)	MOLE C	Fan with customised rectangular adaptor
Options:		
AUTOSTAT	AUTOSTAT IV 12V	12v remote AUTOSTAT



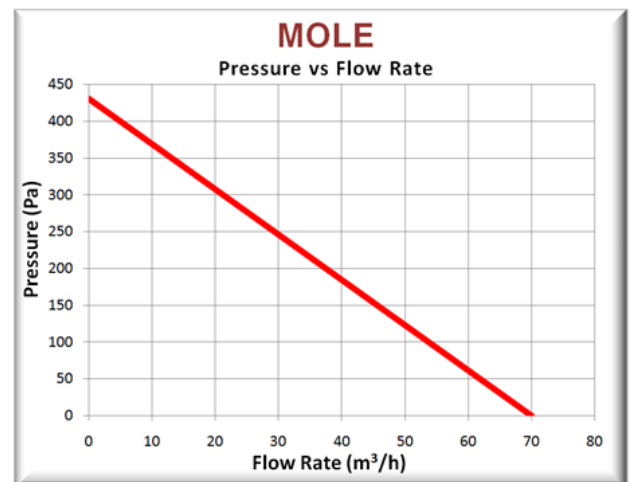
MOLE Wiring

General Notes on Fan Installations

The fan position should be as far as practical from the main source of air replacement. This is to avoid short-circuiting of the airflow. The fan can be placed on a wall or ceiling. The MOLE fans have a rectangular 110x60mm spigot.

The fan should be located at a high level close to the moisture source. If the room/dwelling contains a fuel burning device such as a gas boiler with a non-balanced flue, it is essential that there is enough replacement air to prevent fumes being drawn down the flue where the fan is extracting.

If using the optional remote AUTOSTAT this should be positioned 100mm down from the ceiling on an internal wall and not above a heat source. Optimally located to sense moisture sources.



And for the Specifier.....

The MOLE is supplied as a wall or ceiling fan with a 110x60mm rectangular spigot and proportional timer. The fan will include one brushless 12V motor of not more than 8 Watts extracting at no less than 70M³/h.

Product	POWER				
	Air Flow M³/H	Fan Input (Watts)	Static Pressure (PA)	Noise (DB)	Exhaust Spigot Size (mm)
MOLE	70	8	430	30	110x60 rectangular