



SCE CENTRIFUGAL RANGE

The ELTA SCE "Executive" range of centrifugal fans is specifically designed for toilet, bathroom and shower room applications, where increased pressure development to overcome resistance is needed, but no direct access to the outside is practicable.


Each fan is manufactured to a very high standard in appearance, style and design, with the one standard size SCE100mm and up to three variations of model depending upon specific requirements.

Each SCE100 comes complete with butterfly backdraught shutter and inlet cone for improved performance.

The front plate of the fan protrudes by only 19mm into the room, making it one of the slimmest profile fans on the market.



Technical Specification

- 2 year guarantee.
- Duty of 36 l/sec (130m³/h).
- Very energy efficient.
- Units manufactured from shock proof, heat resistant white plastic, with in-built finger proof grille.
- All units have IPX4 protection and are splash proof as required under current electrical regulations.
- Motors have sealed for life self-lubricating bearings that do not require ventilating. They are sealed in a housing, ensuring quiet operation of the fan.
- All motors are specifically designed for operating in showers and bathrooms, are double insulated with inbuilt **Thermal Overload** protection.
- Backward curved centrifugal impeller has been specially designed to ensure an excellent low sound level, whilst providing optimum performance.
- All fans conform to EC directives.
- Fan are  marked and comply with HAPM "G" rating.
- Maximum ambient operating temperature is 40°C.



The Neon light on the front case indicates that the fan is in manual operation. It will only run on low speed when switched on automatically by the humidistat so as to keep the noise to a minimum. It runs on high speed when switched on manually for rapid clearance.

Humidistat

The SCE can be supplied with a humidistat. The humidistat is of the "DYNAMIC" type, which automatically changes its humidity setting downwards by 1%, for each °C that the room rises in temperature, or increases it by 1% for each °C that the room falls in temperature. This is often referred to as "night time set back" as it reduces the chance of the fan running at night.

It also has an in-built "rate of rise detector"; this will sense rapid humidity rise and automatically switch the fan on when needed, for instance near a boiling kettle.

Finally, as all models with humidistats are sold with in-built timers, the humidistat has an "anti-hunting" feature, automatically allowing the timer to take over and keep the fan running.

Technical Information

Model	SCE100
Diameter.	100mm
Volts.	230
Watts.	30
R.P.M.	2100
l/sec.	36
Max Pa.	127
dBA @ 3m	49

Toilet, Bathroom & Utility Room Models



SCE100

SCE100 (4") Basic unit, fan only.

SCE100T (4") Run-on timer unit. Adjustable between 3-15 minutes.

SCE100H (4") Humidistat unit plus timer with neon light.

Note – "T" model can be wired via a door or light switch.

Building Regulations requirements :-

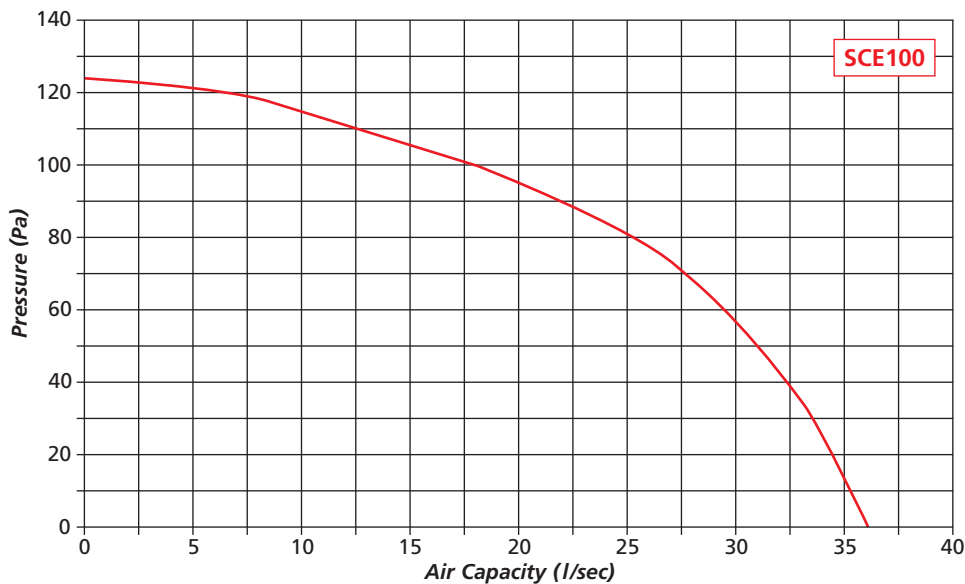
Toilets 6 l/sec (22m³/h).

Bathrooms 15 l/sec (54m³/h).

Utility room 30 l/sec (108m³/h).

Duty of unit 36 l/sec (130m³/h), covering all these requirements.

Performance Data

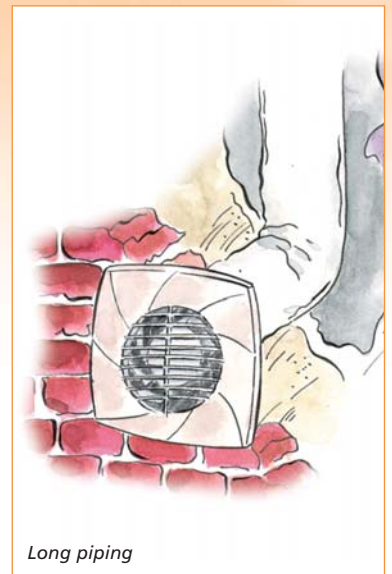


Fixings for ceiling or wall mounting.

1. Ceiling mounted using locking ring **SK150SACR**.
2. Wall mounted using :-
 - (a) Telescopic 8" – 14" length kit **SK100SAWKtlscop**.
 - (b) Flex kit 14" length of aluminium flex **SK100SAWKflex**.

All wall kits come complete with outside grille in white as standard or brown (add "B" to reference.)

Installation



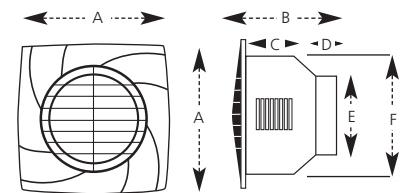
Long piping

Dimensions

Fan

Model SCE100

A	B	C	D	E	F
191	130	58	26	98	148



Fixings for ceiling or wall mounting.

Locking Ring



Telescopic 8" - 14" Length Kit



Wall Kit

14" Length Aluminium Flex.



Grille

Gravity Shutter

