

Extractor Fan's explained

IPX Ratings & Zones

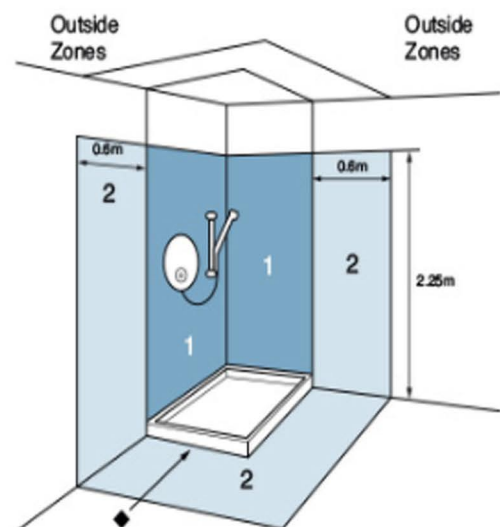
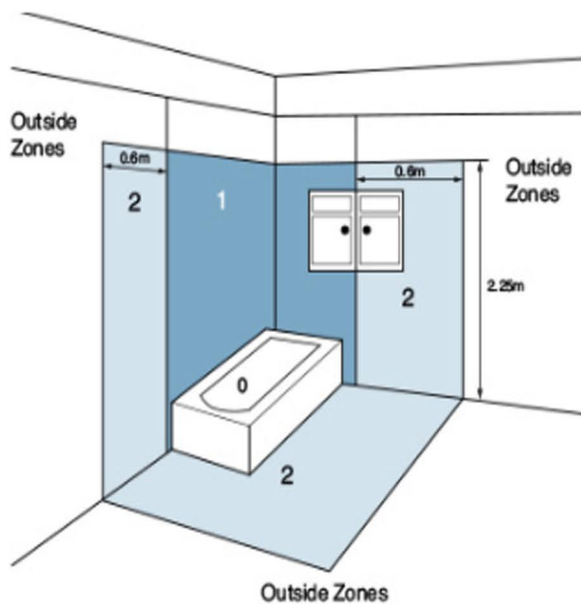
Fans should also be positioned to give an optimum flow of air through the whole room and to avoid pockets of residual air. The location of planned or existing door and window openings must be considered as well as sources of odours, stale air or condensation. Grilles may need to be installed to allow air into the room, particularly with inner rooms which have no windows. Fans should be mounted as high as possible, well away from primary heat sources such as radiators. All internal doors should have the required undercut.

IEE regulations specify the installation of fans within bathrooms and showers by identifying a series of zones. IEE regulations must be adhered to for all electrical installations.

Fans must be installed in accordance with the latest IEE Wiring Regulations 17th Edition (BS7671:2008), Part 7 (Special Locations).

17th Edition of the Wiring Regulations -

For a complete description with dimensions of the zones and other information pertaining to a bathroom installation please consult your Part P Assessed Electrician. These diagrams are meant for guidance only.



Zone 0 - IPX7

The Interior of the bath or a shower tray NO Fan can be fitted

Zone 1 - IPX4

Relates to the external edge of the bath or a shower tray, extending up to 2.25 mtrs from the floor of the bathroom (Fan to be fitted above a fixed showerhead)

Zone 2 - IPX4

Extends beyond Zone 1 by 0.6 mtrs extending up to 2.25 mtrs from the floor of the bathroom (Fan to be fitted above a fixed showerhead)

Please note:

IPX45 ratings can be fitted anywhere in Zones 1 & 2