

# In-line Centrifugal Fan Range

CFD200/220



- Providing solutions for a wide range of domestic, commercial and industrial applications, the CFD200/220 in-line fans have been designed for use with suspended ceilings.
- Powerful, yet quiet and unobtrusive, the CFD200/220 units have extract rates of 110m<sup>3</sup>/hr 31 litres per second.
- The CFD series is suitable for a wide range of applications including bathrooms, toilets, shower rooms and utility rooms.
- The CFD series is fitted with backward curved centrifugal impellers for a large airflow against the high pressures caused by longer lengths of ducting and resistance by grilles.
- There is an extensive range of ventilation accessories available to cover most in-line ducting systems.
- The CFD200 units are manufactured using high impact ABS thermoplastics for strength and durability, aesthetics and easy cleaning.
- A spring operated, non-return flap is built into the discharge spigot to prevent backdraughts.
- Available with or without mounting bracket.
- The CFD220 has all the features of the CFD200 unit, but has the additional benefit of a 120mm outlet, thus making it suitable for 125mm (5") ducting systems.
- Power to the CFD200/220 range is provided by a single phase induction motor with pre-oiled bearings for a long, maintenance-free life.
- The SCF200 series in-line centrifugal fan kits comprises of the 100mm centrifugal in-line fan unit, 6 metres of PVC ducting and wall grilles.
- Designed to comply with the Building Regulations on Ventilation (F1).

## Technical Details


Cat. No.	Product type
<b>CFD200</b>	Standard model without bracket
<b>CFD200S</b>	Standard model with bracket
<b>CFD200T</b>	Timer model with bracket
<b>CFD220</b>	Standard model without bracket
<b>CFD220S</b>	Standard model with bracket
<b>CFD220T</b>	Timer model with bracket
<b>SCF200S</b>	Standard model in-line fan kit (100mmØ)
<b>SCF200T</b>	Timer model in-line fan kit (100mmØ)

### Packaging

CFD200/220 Series in outers of 5 measuring 200mm x 300mm x 240mm - weight 8kgs

SCF200 Series in outers of 5. For packaging dimensions, please contact our technical department

### Electrical

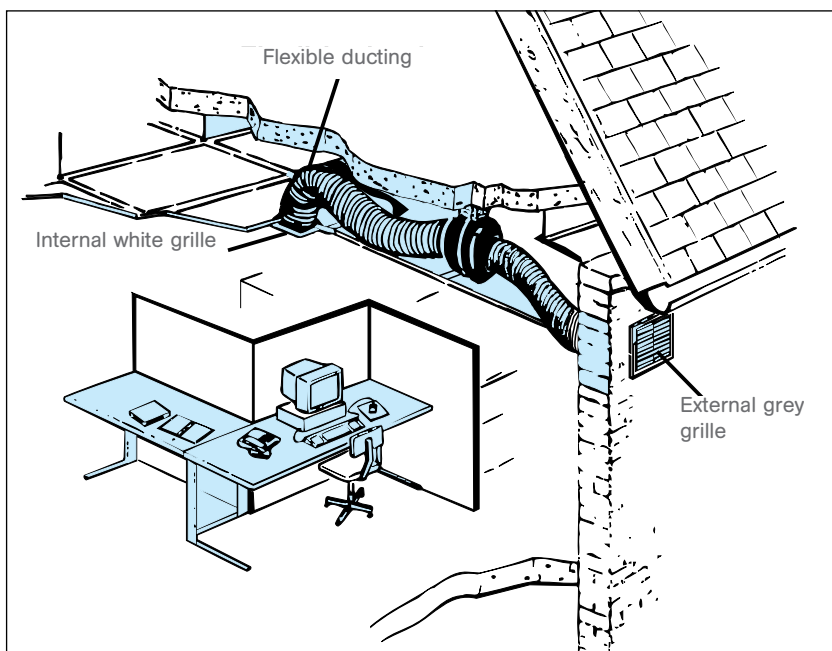
220-240V - AC. 50Hz  Single phase consuming 18W on the CFD200/220 and SCF200. All wiring must comply with the current IEE regulations. A double pole isolating switch, having a contact separation of at least 3mm in all poles, must be used with a 3 amp fuse fitted.

### Additional Data

#### CFD200/220 SCF200

Maximum pressure 120p.a.  
Fan speed:1400r.p.m.  
Sound volume:45.0dB(A)  
Maximum operating temperature: 40°C

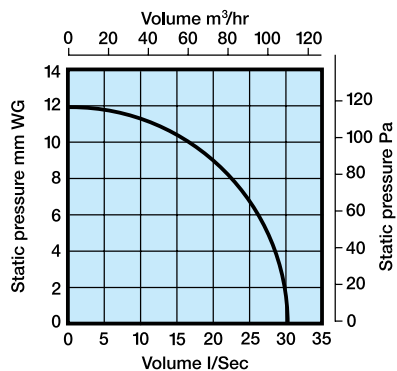
### Typical Installation



### Performance Graph

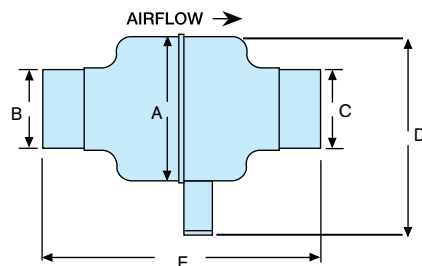
#### CFD200/220/SCF200

110m<sup>3</sup>/hr, 31 litres per second



### Dimensions

#### CFD200/220/SCF200 Series



### Dimensions (mm)

PRODUCT	A	B	C	D	E
<b>CFD200</b>	155	100Ø	100Ø	195	258
<b>SCF200</b>	155	100Ø	100Ø	195	258
<b>CFD220</b>	155	120Ø	120Ø	195	258