

# Shower/In-line Fan Range

SF100/120/150 ID100/120/150



- Designed for the safe ventilation of bathrooms, toilets and shower rooms, the SF/ID 100 (100mm 4") range of in-line extractor fans remove any risk of an electric shock in wet areas as the fan is mounted remotely.
- The SF/ID120 (120mm 5") series of in-line fans have been engineered for the ventilation of larger shower or bathroom areas, and are 56% more powerful than their 100mm counterparts.
- Powerful, yet extremely quiet in operation, the extract rate of the SF/ID100 is 85m<sup>3</sup>/hr 23 litres per second, whilst the SF/ID120 performs with an impressive 130m<sup>3</sup>/hr 36 litres per second. Also new to the range is the ID150 Tube Fan, with a top performance of 230m<sup>3</sup>/hr, 64 litres per second.
- Available with or without a timer, the SF100/120/150 fan kits are supplied complete with a fan unit, one length of PVC flexible ducting, one internal (white) and one external wall grille, fixing screws, plugs and straps to secure the duct to the grilles.
- The ID100/120/150 series comprises a fan unit only and is suitable for boosting another fan where a long run of ducting is used.
- The units are all manufactured using high impact ABS thermoplastics for strength and durability, aesthetics and easy cleaning.
- Power is provided by a single phase induction motor with pre-oiled bearings for a long, maintenance-free life.
- Designed to comply with the Building Regulations on Ventilation (F1).

## Technical Details

Cat. No.	Product type
SF In-line fan kits with PVC duct and wall grilles	
<b>SF100/120/150S</b>	Standard model for remote switching
<b>SF100/120/150T</b>	Timer model incorporating integral adjustable electronic timer (1-20 mins)
<b>ID In-line fans only</b>	
<b>ID100/120/150</b>	Standard model (tube fan) for remote switching
<b>ID100/120/150S</b>	Standard model for remote switching with bracket
<b>ID100/120/150T</b>	Timer model incorporating integral adjustable electronic timer (1-20 mins)

### Performance

SF/ID100 Up to 85m<sup>3</sup>/hr, 23 litres per second

SF/ID120 Up to 130m<sup>3</sup>/hr, 36 litres per second

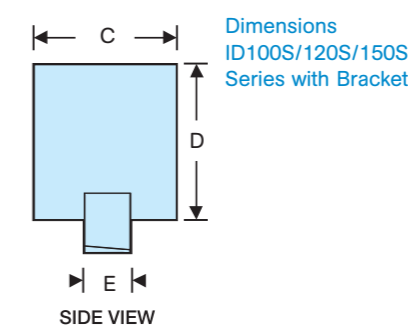
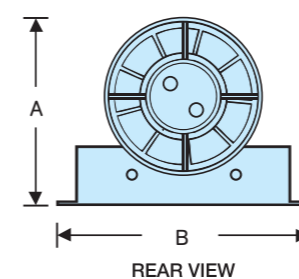
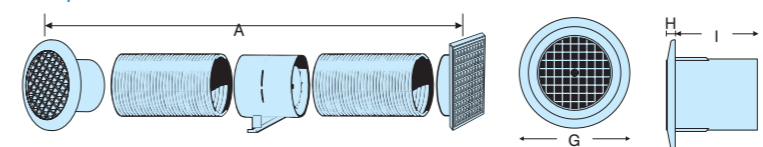
SF/ID150 Up to 230m<sup>3</sup>/hr, 64 litres per second

Performance may vary depending on the length of ducting used

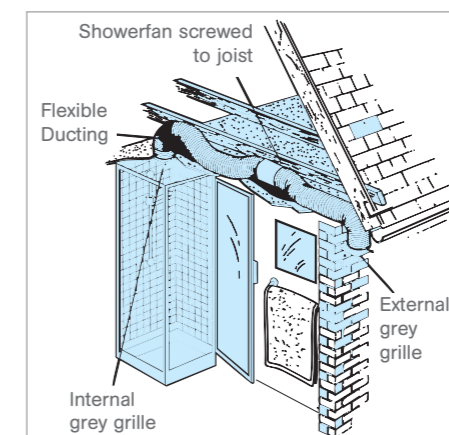
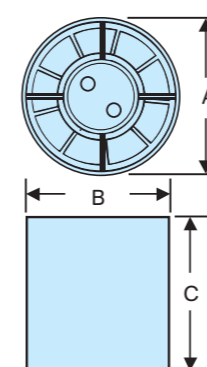
### Dimensions (mm)

PRODUCT	A	B	C	D	E	F	G	H	I	J
<b>ID100</b>	98Ø	90	100							
<b>ID120</b>	116Ø	99	118							
<b>ID150</b>	148Ø	110	150							
<b>ID100S</b>	130	155	90	100Ø	27					
<b>ID120S</b>	150	155	99	118Ø	27					
<b>ID150S</b>	187	153	109	150Ø	27					
<b>SF100S/T</b>	Up to 3m	140	140	100Ø	33	15	140	10	50	98Ø
<b>SF120S/T</b>	Up to 4m	160	160	125Ø	37	16	140	10	50	116Ø
<b>SF150S/T</b>	Up to 5m	180	180	150Ø	35	15	140	10	50	148Ø

### Dimensions SF100/120/150 Circular and Square Grille



### Dimensions ID100/120/150 Series



### Packaging

SF100 In outers of 10 measuring 515mm x 350mm x 820mm - weight 16kgs

SF120 In outers of 10 measuring 620mm x 396mm x 917mm - weight 17kgs

SF150 In outers of 5 measuring 440mm x 393mm x 1083mm. Volume 1.873

ID100 In outers of 10 measuring 220mm x 125mm x 490mm - weight 4kgs

ID120 In outers of 10 measuring 264mm x 144mm x 567mm - weight 5kgs

ID150 In outers of 10. For packaging dimensions, contact our technical department

ID100/S/T In outers of 10 measuring 282mm x 176mm x 490mm - weight 6kgs

ID120/S/T In outers of 10 measuring 328mm x 179mm x 567mm - weight 7kgs

ID150/S/T In outers of 10 contact our technical department for packaging dimensions

### Installation

The shower fan is easy to install in the average loft/ceiling recess as after the hole has been cut in the ceiling of the shower/room, all other work is continued outside the living area.

### Electrical

220-240V - AC. 50Hz Single phase consuming 15W on ID100/120/150 Circular and 25W on ID150. These fans are double insulated and do not require an earth. All wiring must comply with 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

**100mm (4") Range**  
 Maximum pressure: 20 p.a.  
 Fan speed: 2400 r.p.m.  
 Sound volume: 41.0 dB(A)  
 Maximum operating temperature: 40°C

**120mm (5") Range**  
 Maximum pressure: 35 p.a.  
 Fan speed: 2000 r.p.m.  
 Sound volume: 41.0 dB(A)

**150mm (6") Range**  
 Maximum pressure: 50 p.a.  
 Fan speed: 2400 r.p.m.  
 Sound volume: 40.0 dB(A)  
 Maximum operating temperature: 40°C

