

# MANROSE CLASSIC WALL/CEILING MOUNTED FANS

## XF MODELS

### STANDARD MODELS

| Duct Size | Model    | Switching   | Performance                    | Order Code |
|-----------|----------|-------------|--------------------------------|------------|
| 100mm     | XF100S   | Standard    | 23 l/s, 85m <sup>3</sup> /hr   | FAN0046    |
| 100mm     | XF100P   | Pull Cord   | 23 l/s, 85m <sup>3</sup> /hr   | FAN0047    |
| 100mm     | XF100T   | Timer       | 23 l/s, 85m <sup>3</sup> /hr   | FAN0048    |
| 125mm     | XF125S   | Standard    | 36 l/s, 130m <sup>3</sup> /hr  | FAN0072    |
| 125mm     | XF125P   | Pull Cord   | 36 l/s, 130m <sup>3</sup> /hr  | FAN0074    |
| 125mm     | XF125T   | Timer       | 36 l/s, 130m <sup>3</sup> /hr  | FAN0075    |
| 150mm     | XF150S   | Standard    | 101 l/s, 364m <sup>3</sup> /hr | FAN0120    |
| 150mm     | XF150P   | Pull Cord   | 101 l/s, 364m <sup>3</sup> /hr | FAN0126    |
| 150mm     | XF150T   | Timer       | 101 l/s, 364m <sup>3</sup> /hr | FAN0127    |
| 150mm     | XF150PIR | PIR Control | 101 l/s, 364m <sup>3</sup> /hr | FAN0124    |



Standard Model

### AUTO SHUTTER MODELS

| Duct Size | Model   | Switching | Performance                   | Order Code |
|-----------|---------|-----------|-------------------------------|------------|
| 150mm     | XF150A  | Standard  | 87 l/s, 313m <sup>3</sup> /hr | FAN0121    |
| 150mm     | XF150AP | Pull Cord | 87 l/s, 313m <sup>3</sup> /hr | FAN0122    |
| 150mm     | XF150AT | Timer     | 87 l/s, 313m <sup>3</sup> /hr | FAN0123    |

Electrically operated louvre shutters open automatically when fan is running - prevents back-draughts.



Auto Shutter Model

### SAFETY EXTRA LOW VOLTAGE (SELV) MODELS

| Duct Size | Model   | Switching | Performance                    | Order Code |
|-----------|---------|-----------|--------------------------------|------------|
| 100mm     | XF100LV | Standard  | 23 l/s, 85m <sup>3</sup> /hr   | FAN5883    |
| 125mm     | XF125LV | Standard  | 36 l/s, 130m <sup>3</sup> /hr  | FAN5890    |
| 150mm     | XF150LV | Standard  | 101 l/s, 364m <sup>3</sup> /hr | FAN5896    |

12VAC transformer included and suitable for installation in damp areas, zones 1, 2 and 3.

- Designed for wall or ceiling mounting, these models are efficient and easy to install.
- These axial fans have ball bearing motors to prolong the life of the motor.
- Supported by a 5 year warranty.

#### Switching Options

1. Standard - Operates from remote switch (not supplied).
2. Timer - Fan operates from a switch and continues to run for a preset time after switching off - adjustable 1-20 minutes.
3. Pull Cord - Integral pull cord switch on fan.
4. PIR Control - Motion sensor incorporated in fan.

**NOTE: All fan flow rates quoted are free air delivery**



Safety Model (SELV)

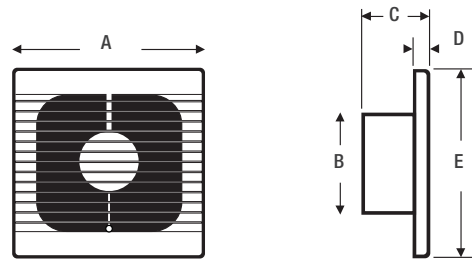
## GENERAL INFORMATION

| Model | Circular Cut-Out Size |
|-------|-----------------------|
| XF100 | 112mm                 |
| XF125 | 140mm                 |
| XF150 | 160mm                 |

Please note: Fan cut out size is a nominal diameter.

## DIMENSION INFORMATION (MM)

| Model     | A   | B   | C  | D  | E   |
|-----------|-----|-----|----|----|-----|
| XF100     | 155 | 98  | 74 | 27 | 155 |
| XF125     | 168 | 118 | 74 | 27 | 168 |
| XF150     | 200 | 148 | 74 | 27 | 200 |
| XF150PIR  | 200 | 148 | 90 | 55 | 200 |
| XF150A/AP | 200 | 148 | 90 | 55 | 200 |

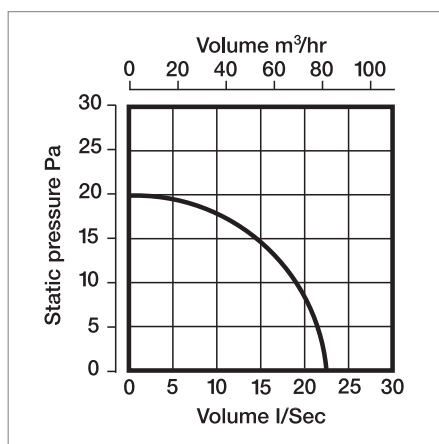


Dimensions - XF

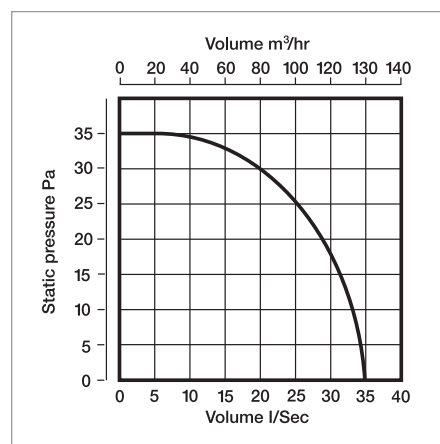
## TECHNICAL SPECIFICATION & PERFORMANCE DATA

| Model               | XF100                        | XF125                         | XF150                           |
|---------------------|------------------------------|-------------------------------|---------------------------------|
| Power               | 220 - 240V (LV models 12V)   | 220 - 240V (LV models 12V)    | 220 - 240V (LV models 12V)      |
| Fan Performance     | 23 l/s, 85m <sup>3</sup> /hr | 36 l/s, 130m <sup>3</sup> /hr | 101 l/s, 364m <sup>3</sup> /hr* |
| Fan Wattage         | 20W                          | 20W                           | 25W                             |
| Maximum Pressure    | 20 Pa                        | 35 Pa                         | 60 Pa                           |
| Fan Speed           | 2400 RPM                     | 2000 RPM                      | 2400 RPM                        |
| Sound Level         | 41 dB(A)                     | 41 dB(A)                      | 40 dB(A)                        |
| Max. Operating Temp | 50°C                         | 50°C                          | 50°C                            |
| IP Rating           | IPX4                         | IPX4                          | IPX4                            |

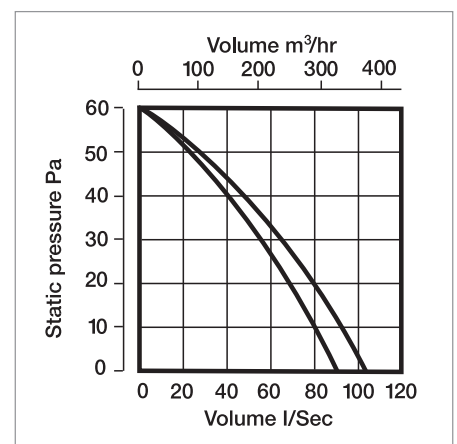
\*Auto shutter 87 l/s, 313m<sup>3</sup>/hr installed.



Performance - XF100



Performance - XF125



Performance - XF150