

# MANROSE CLASSIC WINDOW MOUNTED FANS

## WF MODELS

### STANDARD MODELS

Duct Size	Model No.	Switching Method	Performance	Order Code
100mm	WF100P	Pull Cord	23 l/s, 85m <sup>3</sup> /hr	FAN0021
100mm	WF100PLV	Low Voltage	23 l/s, 85m <sup>3</sup> /hr	FAN0452



▶ Standard Models

### MANUAL SHUTTER MODELS

Duct Size	Model No.	Switching Method	Performance	Order Code
150mm	WF150MP	Pull Cord	87 l/s, 313m <sup>3</sup> /hr	FAN0110
150mm	WF150MPLV	SELV 12	87 l/s, 313m <sup>3</sup> /hr	FAN0355

Please Note: An isolating transformer is required for all low voltage fans. Low Voltage models do not include a transformer. (We recommend a SELV isolating transformer Order Code: FAN2402).

### AUTO SHUTTER MODELS

Duct Size	Model No.	Switching Method	Performance	Order Code
150mm	WF150AP	Pull Cord	87 l/s, 313m <sup>3</sup> /hr	FAN0107
150mm	WF150APT	Pull Cord Timer	87 l/s, 313m <sup>3</sup> /hr	FAN0109



▶ Auto Shutter Models

- Designed for use in situations where an existing window fan is being replaced or where there is no available external wall space or ceiling space access.
- These axial fans have been upgraded with ball bearing motors to prolong the life of the motor and are Supported by a 5 year warranty.



#### Switching Options

1. Standard Model - operates from remote switch (not supplied).
  2. Timer Model - Fan operates from a switch, the fan continues to run for a preset time after switching off - adjustable 1-20 minutes.
  3. Pull Cord Model - Integral pull cord switch on fan.
  4. Auto Shutters - Electrically operated louvre shutters open automatically when fan is running - prevents back-draughts.
  5. Manual Pull cord - Pull cord operates fan and manual shutters.
  6. SELV Models - Suitable for installation in damp areas, zones 1, 2 and 3.
- NOTE: All fan flow rates quoted are free air delivery.**

# TECHNICAL DATA

## GENERAL INFORMATION

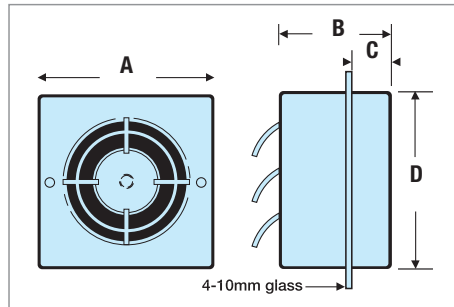
Models	Glass Cut-Out Size
WF100	115mm - 155mm
WF150	165mm - 190mm

Please note: Glass cut out size is a nominal diameter for a circular cut-out.

## DIMENSION INFORMATION (mm)

Models	A	B	C	D
WF100	163	90	30	163
WF150	203	118	23	203

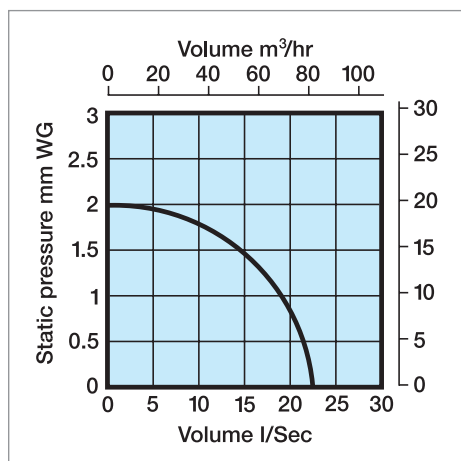
### ▶ Dimensions - WF



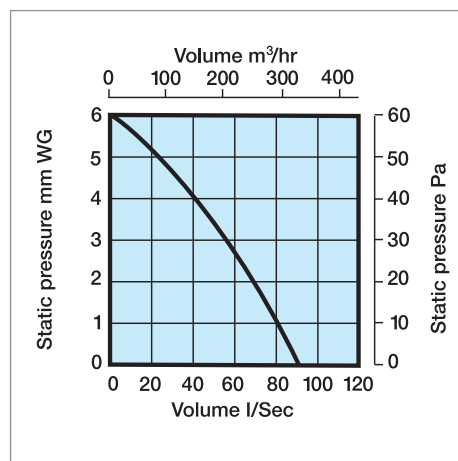
## TECHNICAL SPECIFICATION

Models	WF100	WF150
Power	220 - 240V	220 - 240V (SELV models 12V)
Fan Performance	23 l/s, 85m³/hr	87 l/s, 313m³/hr
Fan Wattage	20W	25W
Maximum Pressure	20 Pa	60 Pa
Fan Speed	2400 RPM	2400 RPM
Sound Level	41 dB(A)	40 dB(A)
Max. Operating Temp	50°C	50°C
IP Rating	IPX4	IPX4

### ▶ Performance - WF100



### ▶ Performance - WF150



# MANROSE CLASSIC WINDOW COMMERCIAL FANS

## WF COMMERCIAL MODELS

### STANDARD MODELS

Duct Size	Model No.	Switching Method	Performance	Order Code
230mm	WF230P	Pull Cord	152 l/s, 550m <sup>3</sup> /hr	FAN0148
300mm	WF300P	Pull Cord	306 l/s, 1100m <sup>3</sup> /hr	FAN0481



▶ Standard Larger Models

### AUTO SHUTTER MODELS

Duct Size	Model No.	Switching Method	Performance	Order Code
230mm	WF230AP	Pull Cord	152 l/s, 550m <sup>3</sup> /hr	FAN0146
300mm	WF300A	Standard	306 l/s, 1100m <sup>3</sup> /hr	FAN0482



▶ Auto Shutter Models

- Designed for use in situations where an existing window fan is being replaced or where there is no available external wall space or ceiling space access.
- These axial fans have been upgraded with ball bearing motors to prolong the life of the motor and are Supported by a 5 year warranty.

# MANROSE CLASSIC WINDOW COMMERCIAL FANS

## COM COMMERCIAL MODELS

Duct Size	Model No.	Switching Method	Performance	Order Code
230mm	COM230A	Standard	185 l/s, 670m <sup>3</sup> /hr	FAN0519
230mm	COM230MP	Pull Cord	185 l/s, 670m <sup>3</sup> /hr	FAN0518
300mm	COM300A	Standard	280 l/s, 1020m <sup>3</sup> /hr	FAN0521
300mm	COM300MP	Pull Cord	280 l/s, 1020m <sup>3</sup> /hr	FAN0520



▶ Commercial Auto Shutter Models

- Designed for commercial applications such as pubs, restaurants, hotels, shops etc.
- These axial fans include ball bearing motors to prolong the life of the motor.
- Supported by a 5 year warranty.



### Switching Options

1. Standard Model - operates from remote switch (not supplied).
2. Timer Model - Fan operates from a switch, the fan continues to run for a preset time after switching off - adjustable 1-20 minutes.
3. Pull Cord Model - Integral pull cord switch on fan.
4. Auto Shutters - Electrically operated louvre shutters open automatically when fan is running - prevents back-draughts.
5. Manual Pull cord - Pull cord operates fan and manual shutters.
6. SELV Models - Suitable for installation in damp areas, zones 1, 2 and 3.

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

# TECHNICAL DATA

## GENERAL INFORMATION

Models	Glass Cut-Out Size
WF230	255mm - 270mm
WF300	310mm - 345mm
COM230	255mm - 270mm
COM300	310mm - 345mm

Please note: Glass cut out size is a nominal diameter for a circular cut-out.

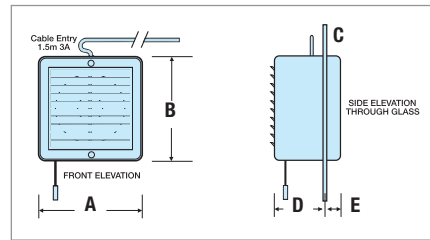
## DIMENSION INFORMATION (mm)

Models	A	B	C	D	E
WF230	286	286	4-32	112	25
WF300	362	362	4-32	133	29
COM230	286	125	25	154	-
COM300	362	145	25	170	-

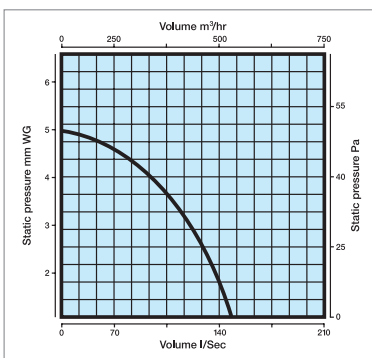
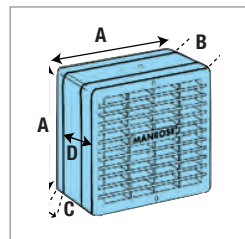
## TECHNICAL SPECIFICATION

Models	WF230	WF300	COM230	COM300
Power	220 - 240V	220 - 240V	220 - 240V	220 - 240V
Fan Performance	152 l/s, 550m <sup>3</sup> /hr	306 l/s, 1100m <sup>3</sup> /hr	185 l/s, 670m <sup>3</sup> /hr	280 l/s, 1020m <sup>3</sup> /hr
Fan Wattage	45W	82W	45W	82W
Maximum Pressure	50 Pa	60 Pa	50 Pa	60 Pa
Fan Speed	1250 RPM	1300 RPM	1600 RPM	1300 RPM
Sound Level	50 dB(A)	60 dB(A)	53 dB(A)	60 dB(A)
Max. Operating Temp	50°C	50°C	50°C	50°C

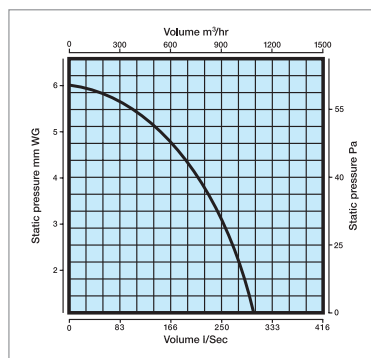
### Dimensions - WF230/300



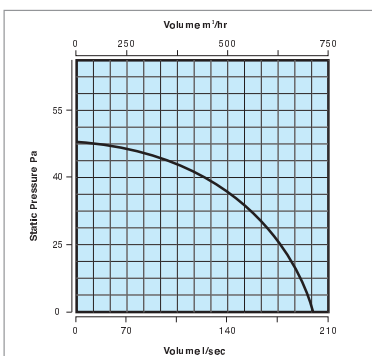
### Dimensions - COM230/300



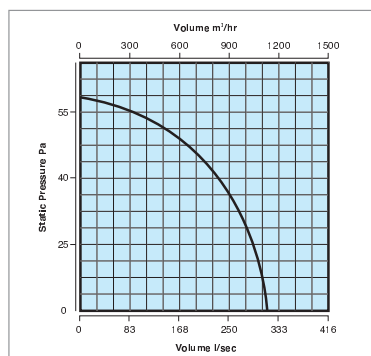
### Performance - WF230



### Performance - WF300



### Performance - COM230



### Performance - COM300