

# MANROSE CLASSIC THRU WALL MOUNTED FAN KITS

## XP MODELS

### STANDARD MODELS

Duct Size	Model	Switching	Performance	Order Code
100mm	XP100S	Standard	23 l/s, 85m <sup>3</sup> /hr	FAN0053
100mm	XP100P	Pull Cord	23 l/s, 85m <sup>3</sup> /hr	FAN0054
100mm	XP100T	Timer	23 l/s, 85m <sup>3</sup> /hr	FAN0055
125mm	XP125S	Standard	36 l/s, 130m <sup>3</sup> /hr	FAN0080
125mm	XP125P	Pull Cord	36 l/s, 130m <sup>3</sup> /hr	FAN0082
125mm	XP125T	Timer	36 l/s, 130m <sup>3</sup> /hr	FAN0083
150mm	XP150S	Standard	101 l/s, 364m <sup>3</sup> /hr	FAN0135
150mm	XP150P	Pull Cord	101 l/s, 364m <sup>3</sup> /hr	FAN0140
150mm	XP150T	Timer	101 l/s, 364m <sup>3</sup> /hr	FAN0141

Kits include: ducting, exterior cowl or grille and fixtures.



Standard Models

### AUTO SHUTTER MODELS

Duct Size	Model	Switching	Performance	Order Code
150mm	XP150A	Standard	87 l/s, 313m <sup>3</sup> /hr	FAN0136
150mm	XP150AP	Pull Cord	87 l/s, 313m <sup>3</sup> /hr	FAN0137
150mm	XP150AT	Timer	101 l/s, 364m <sup>3</sup> /hr	FAN0138

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



Auto Shutter Models

### SAFETY EXTRA LOW VOLTAGE (SELV) MODELS

Duct Size	Model	Switching	Performance	Order Code
100mm	XP100LV	Standard	25 l/s, 85m <sup>3</sup> /hr	FAN5882
125mm	XP125LV	Standard	36 l/s, 130m <sup>3</sup> /hr	FAN5889
150mm	XP150LV	Standard	101 l/s, 364m <sup>3</sup> /hr	FAN5895

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



Low Voltage Models

- These fans are designed to be ducted straight through an exterior wall and 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.  
Requires three wires: permanent phase, switched phase, neutral.
3. Pull Cord - Integral pull cord switch on fan.

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

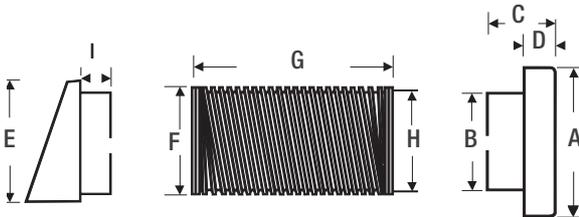
## GENERAL INFORMATION

Model	Fan Cut-Out Size	Exterior Grille	Duct Type	Duct Length
XP100	112mm	Weatherproof Cowl	Aluminium Semi-Rigid	375mm
XP125	140mm	Weatherproof Cowl	Aluminium Semi-Rigid	375mm
XP150	160mm	Weatherproof Cowl	Aluminium Semi-Rigid	375mm

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

## DIMENSION INFORMATION (MM)

Model	A	B	C	D	E	F	G	H	I
XP100	155	98	74	27	138	100	375	98	30
XP125	168	118	74	27	160	125	375	123	30
XP150	200	148	74	27	174	150	375	148	30
XP150A	200	148	90	55	174	150	375	148	30

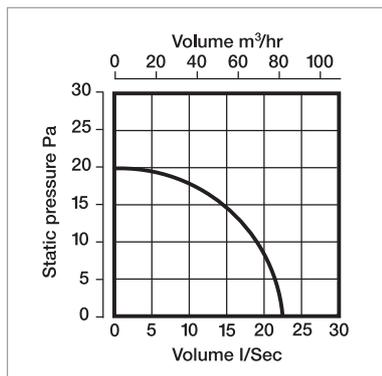


Dimensions - XP

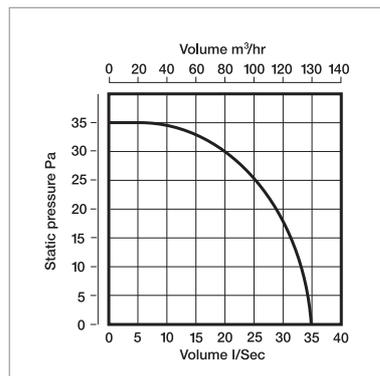
## TECHNICAL SPECIFICATION & PERFORMANCE DATA

Model	XP100	XP125	XP150
Power	220 - 240V (SELV models 12V)	220 - 240V (SELV models 12V)	220 - 240V (SELV 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

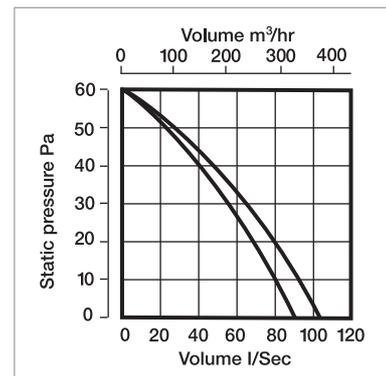
\*Auto shutter 87 l/s, 313m<sup>3</sup>/hr installed.



Performance - XP100



Performance - XP125



Performance - XP150