

# Commercial Series Wall/Ceiling Fans

## Commercial Range

COMMERCIAL SERIES COMCW150/230/300



- The Manrose Commercial Range now incorporates surface wall and ceiling mounted models. Available in 150mm (6") 230mm (9") and 300mm (12"). This range of Spigot Fans gives the unit a unique slimline profile of 66mm on the 150mm (6") series up to 81mm on the 300mm (12") series, and are suitable for connecting to Ducting. Available in soft neutral grey, they cover a wide range of commercial applications and public service sectors.
- As with their window counterparts the shutters are incorporated into the internal louvre which protects the shutters from vandalism.
- The series now incorporates the latest ventilation technology and a new stylish design the commercial range has an extract rate of 278m<sup>3</sup>/hr, 77 litres per second for the 150mm (6") unit 668m<sup>3</sup>/hr, 185 litres per second with the 230mm (9") unit and 1100m<sup>3</sup>/hr, 306 litres per second on the larger 300mm (12") units.
- These fans are all manufactured using high impact ABS thermoplastics for strength and durable aesthetics. The easy cleaning ABS is also of recyclable material. For 230mm (9") and 300mm (12") models power is provided by a 4 pole single phase induction motor with pre-oiled bearings for a long maintenance free life. The 150mm (6") version is fitted with a shaded pole motor with ball bearings.
- Also available are stylish speed controllers on the full range. The COMTSCV variable speed controller is suitable for the 150mm (6") series. While the COMTSVR variable / reversible controller is suitable for 230mm (9") and 300mm (12") series.

## Technical Details

### Cat. No.

### Product type

COMCW150MP	Internal shutters pullcord operated
COMCW150A	Automatic model with internal thermo-activated shutters
COMCW230MP	Internal shutters pullcord operated
COMCW230A	Automatic model with internal thermo-activated shutters
COMCW300MP	Internal shutters pullcord operated
COMCW300A	Automatic model with internal thermo-activated shutters

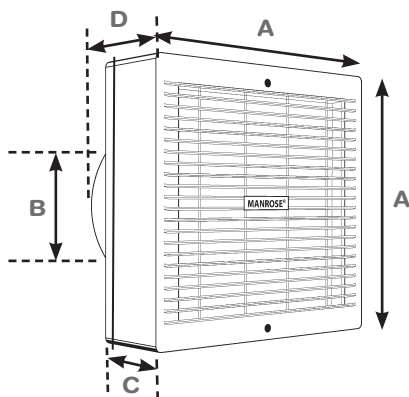
### ACCESSORIES

COMTSCVR	Variable Speed Controller Intake-Extract with neon light for 230mm (9") and 300mm (12") fans
COMTSCV	Variable Speed Controller Extract with neon light for 150mm (6") fans

For one step installation consider using 1291-9" or 1292-12" wall vent kit. To go straight through the wall.

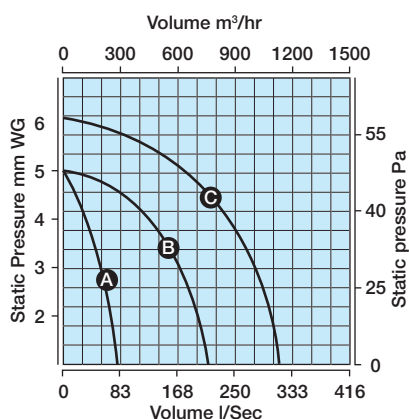
### Dimensions (mm)

PRODUCT	A	B	C	D
COMCW150	205	150	66	103
COMCW230	286	230	75	141
COMCW300	362	300	81	156



### Performance Graph

- (A) 150mm (6") series 278m<sup>3</sup>/hr, 77 litres per second  
 (B) 230mm (9") series 668m<sup>3</sup>/hr, 185 litres per second  
 (C) 300mm (12") series 1100m<sup>3</sup>/hr, 306 litres per second



### Packaging

In outers of 1. Contact our Technical Department for packaging dimensions.

### Installation

#### COMCW150MP

Wall or ceiling mounting through 173mm Ø hole

#### COMCW150A

Wall or ceiling mounting through 173mm Ø hole

#### COMCW230MP

Wall or ceiling mounting through 255mm Ø hole

#### COMCW230A

Wall or ceiling mounting through 255mm Ø hole

#### COMCW300MP

Wall or ceiling mounting through 320mm Ø hole

#### COMCW300A

Wall or ceiling mounting through 320mm Ø hole

### Electrical

220-240V - AC. 50Hz Single phase consuming 20W on 150mm Series, 41W on the 230mm Series and 68W on the 300mm Series. These fans are double insulated and do not require an earth. 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. The fan should NOT be accessible to a person using either the shower or bath and mounted a minimum of 1.8m from the floor.

### Additional Data

#### COMCW150

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

#### COMCW230

Maximum pressure: 50 p.a.  
 Fan speed: 1600 r.p.m.  
 Sound volume: 53.0 dB(A)  
 Maximum operating temperature: 40°C

#### COMCW300

Maximum pressure: 60 p.a.  
 Fan speed: 1300 r.p.m.  
 Sound volume: 60.0 dB(A)  
 Maximum operating temperature: 40°C