

# Solo® Plus

## Centrifugal Bathroom/Toilet Fan



### Features & Benefits

- Built-in washable filter feature.
- Meets the Building Regulation (Document F&L) requirements for domestic bathrooms and toilets.
- IPX4 rated.
- Flush or surface mountable.
- Adjustable rear or side exit spigot.
- Extremely low sound levels.

### Bathroom and Toilet Ventilation

The Solo Plus range from Vent-Axia has been specially designed for through the wall and ducted applications, suitable for internal bathrooms, toilets and other small rooms. Finished in white, the Solo Plus can be flush or surface mounted, with a position 100mm circular spigot for rear entry or connecting to a vertical ducting system. The powerful centrifugal impeller allows installations using 100mm ducting in straight runs up to 50m, whilst still achieving 15 l/s as required by **Document F of the current Building Regulations.**

Continuous running products, such as the Solo Plus installed in all wet areas of a dwelling are classed as a wholehouse ventilation system and therefore, only needs to move the amount of air as laid down in table 1.1b of Document F.

### Performance

Model	Extract Performance m³/h (l/s) - FID			Watts			Sound dB(A) @ 3m	
	Max Boost	Min Boost	Trickle	Max Boost	Min Boost	Trickle	Max Boost	Trickle
Solo Plus P	90 (25)	62 (17)	36 (10)	23	16.5	11.5	40.8	25.8
Solo Plus T	90 (25)	62 (17)	36 (10)	23	16.5	11.5	40.8	25.8
Solo Plus HT	90 (25)	62 (17)	36 (10)	23	16.5	11.5	40.8	25.8
Solo Plus TM	90 (25)	62 (17)	36 (10)	23	16.5	11.5	40.8	25.8

Tested at 240VAC @ 50Hz

The Solo Plus has a choice of two boost/override motor speeds set at installation, medium (17 l/s) or high (25 l/s), with an optional constant trickle speed (10 l/s), also selectable at

installation except in the P model. Depending on the model, the fan will switch from trickle (if selected) to boost (medium or high) via the pullcord/light switch/humidity sensor/PIR.

All models can be wall; panel or ceiling mounted and can be connected to either circular, rectangular or Vent-Axia's flat ducting. Enclosure of the electrical components is manufactured from flame retardant grade material. Supply voltage 220-240V/1/50Hz.

### Models

**Solo Plus P (Pullcord)** DOM  
Flush or surface mountable. Control by Pullcord single speed 1 of the 3 speeds selectable at installation.  
**Stock Ref 427477A**

**Solo Plus T (Timer)** DOM  
Flush or surface mountable. Constant trickle option. 2 Speed. Adjustable timer overrun. Delay on timer option.  
**Stock Ref 427478A**

**Solo Plus HT (Humidistat-timer)** DOM  
Flush or surface mountable. Humidity controlled fan with override pullcord. Constant trickle option. Adjustable timer overrun. Delay on timer option. Adjustable humidity sensor.

**Stock Ref 427479A**

**Solo Plus TM (Timer/PIR)** DOM  
Flush or surface mountable. Control by integral PIR detector. Constant trickle option. 2 Speed. Constant trickle option.

**Stock Ref 427480A**

**Solo Plus Bezel** DOM  
Used when flush mounting reduces need to make good  
**Stock Ref 437078**

**Wall Kit Stock Ref:**  
254102 (White)  
254100 (Brown)

### Dimensions (mm)

