

Guardian Power Pro

100MM POWERFUL CENTRIFUGAL QUIET FAN



- **Continuous ventilation**
- **Energy efficient EC motor**
- **3 Speed settings / up to 15m duct run**
- **Powerful low profile unit**
- **Wall / Ceiling / Window***
- **Low noise levels**
- **Low running costs**
- **For any domestic wet room**

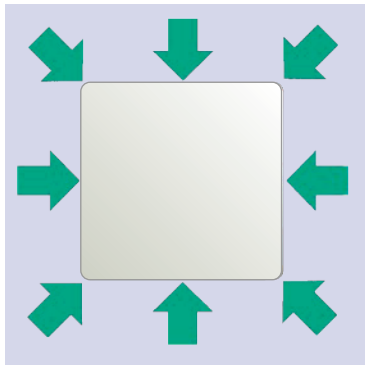
*Requires window kit, available separately.

GENERAL FEATURES

- exhausts directly to the outside or through long lengths of ducting (up to 15 m)
- sfp down to 0.14 W/ l/ s
- easy and economical to install and maintain
- runs continuously at pre-selected choice of two speeds (fixed at installation)
- Speed 1 operates at 8.8 l/ s (factory set)
- Speed 2 operates at 13 l/ s
- speed boosted to maximum (28 l/ s) using integral pull cord or by:
 - remote switch/ light switch
 - PIR sensor
 - DRH240 (dynamic remote humidistat)
- anti-vibration gasket
- easily removable, washable polypropylene filter
- energy saving ventilation
- extremely low running costs
- low carbon footprint
- 5 year warranty - 1 year parts and labour, 4 years parts only

TECHNICAL FEATURES

- shockproof, high quality technopolymer casing
- designed using latest wind tunnel technology and CFD simulations
- EC induction motor with thermal protection
- 43,000 hour life motors with maintenance free and long life ball bearings
- operates in ambient temperatures up to 40°C
- double insulated - no earth required
- IPX4 Splashproof rated - can safely be installed in Zones I and II



COMPLIES WITH

- Part L1 A 2013 of Building Regulations for enhanced energy saving capability
- Part F 2013 of Building Regulations for reliable, efficient ventilation
- EU RoHS Directive Compliant.
- Complies with IEC60335-2-80, LVD2006/ 95/ CE and EMC2014/ 30/ UE (European Directive against radio interference and electro-magnetic compatibility)
- CE marked



MODELS AVAILABLE:

- PP100P -3 speed, continuous running, cord or remote
- PP100TP -3 speed, continuous running with comfort timer (timer does not activate unless fan has been running for 2 minutes to avoid unnecessary night-time operation) and pull-cord
- PP100HTP - with comfort timer, humidistat and pull-cord
- PP100DLP -with datalogging facility for number of hours run and number of power outages
- PP100PLV -3 speed, continuous running with pull-cord - LOW VOLT (SELV)
- PP100TPLV -3 speed, continuous running, with comfort timer, over-run timer and pull-cord LOW VOLT (SELV)
- PP100HTPLV -3 speed, continuous running, with comfort timer, humidistat and pull-cord -LOW VOLT (SELV)

N.B timer adjustable from 0-30 mins

Kair can supply all accessories for use with these units, including product filters, air filter cassettes, silencers, fire dampers, air valves, ducting, outside grilles and wall cowls. Additionally, Vectaire offers a design service to ensure that the unit installed is the best possible to provide efficient, effective, low energy and low running cost ventilation.

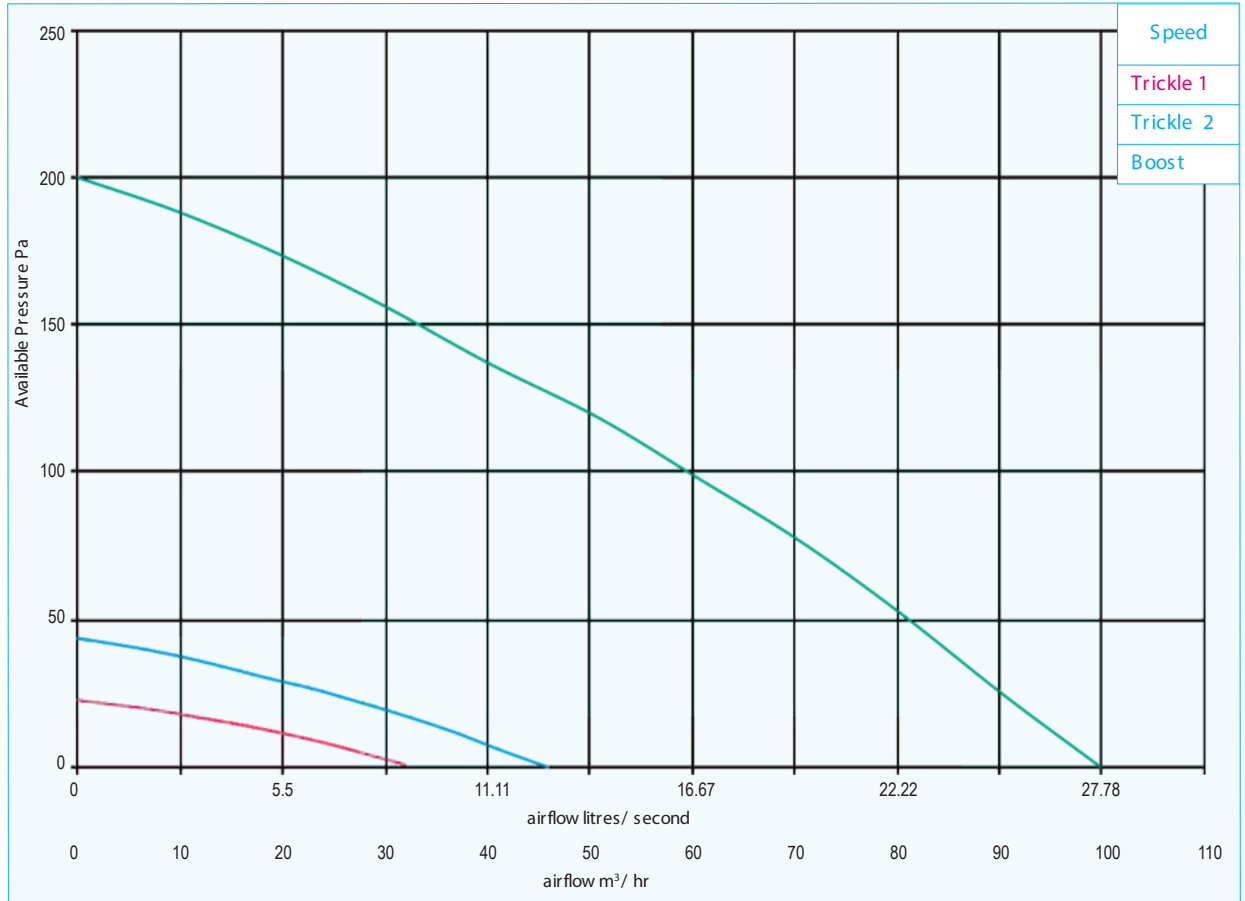
N.B These fans are NOT suitable for use with Gravity Grilles. They should be installed using either Cowls or Fixed Grilles. Only approved accessories should be used:

Wall Plates – as required

Wall terminations – all wall terminations must use the approved wall cowl or high rise kit

TECHNICAL CHARACTERISTICS									
Model	Airflow l/ sec			Power - Watts			dBA (@ 3m in free field)		
	Trickle 1	Trickle 2	Boost	Trickle 1	Trickle 2	Boost	Trickle 1	Trickle 2	Boost
Guardian Power Pro Range PP100	8.8	13	28	1.6	2.4	15	15.5	17.5	35

PERFORMANCE (curves are for guidance only)



DIMENSIONS - mm

