

## ARIETT MODELS

■ **For the ventilation of areas with intermittent use (small bathrooms, private or public toilets).**

■ Motor with shielded poles and ball bearings (guaranteed for 30,000 fault-free hours of operation) and thermal overload protection.

■ PIR Sensor (passive infrared detector): turns on automatically after person enters the room.

When the person leaves the room, the unit will continue to run from 3 to 20 minutes depending on the timer setting.

■ MHC Latest electronic micro-chip technology provides high accuracy in continuous

monitoring of both temperature and humidity.

■ Data and performances IMQ Performance certified.

■ The timer is adjustable for 3 to 20 min.

■ Complies with the CEI EN 60335-2-80 standards and IPX4 splashproof protection, CEI EN 60529 (Code IP).

*Design: F. Trabucco and M. Vecchi*

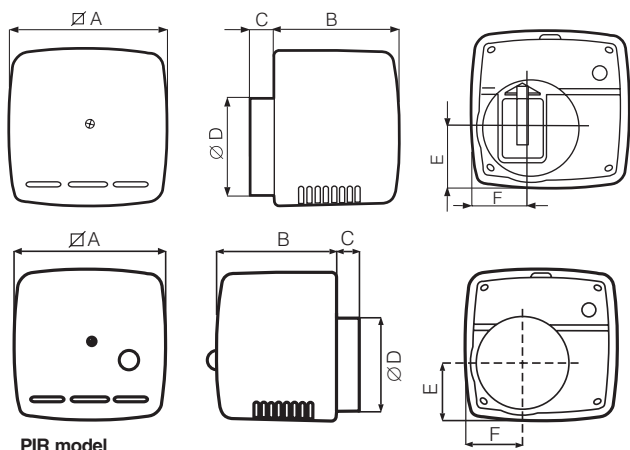
Wiring diagrams shown on page XXVII.

**LONG LIFE**

**30.000 h**



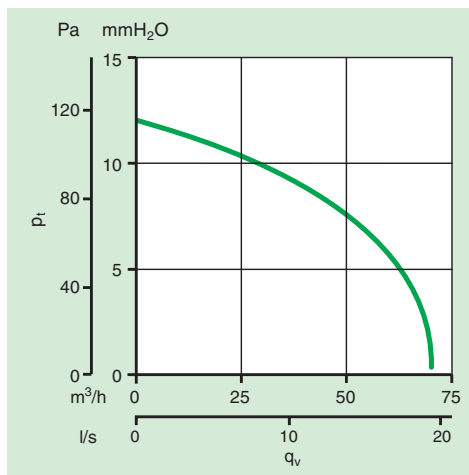
### Dimensions (mm)



PIR model

	∅A	B	C	∅D	E	F
<b>Ariett LL / MHC / PIR</b>	156	123	25	97	60	60

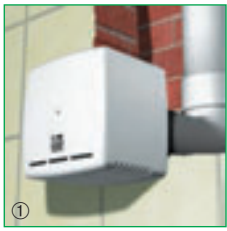
### Pressure/performance curve



Product	Code		V ~ 50 Hz	W	A	Rpm	Delivery		P max		Lp dB(A) 3 m	Approvals	kg	Insulation	IP	°C max	
	TIMER	MHC					m <sup>3</sup> /h	l/s	mm H <sub>2</sub> O	Pa							
Ariett LL	11965	11966	-	220-240	18	0.14	2315	70	19.4	12	118	40		1.47	cl.II	X4	40
Ariett	11961*	11976*	-	220-240	18	0.14	2450	70	19.4	12	118	40		1.47	cl.II	X4	40
Ariett LL PIR	12015	-	-	220-240	18	0.14	2315	70	19.4	12	118	40		1.50	cl.II	X4	40
Ariett LL MHC	-	-	11962	220-240	18	0.14	2450	70	19.4	12	118	40		1.45	cl.II	X4	40

\*Available only in UK

Conforms with ISO 3744 for noise and pressure levels



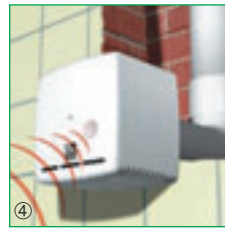
① Ducted installation.



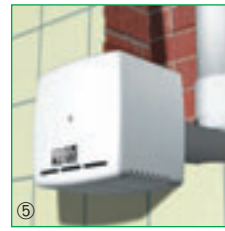
② Wall or ceiling-mounted installation.



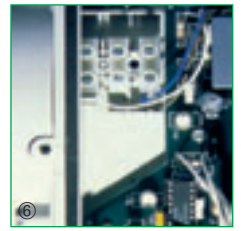
③ Model LL with motor with ball bearings: 30,000 h of guaranteed continuous operation.



④ Ducted installation. PIR Sensor.

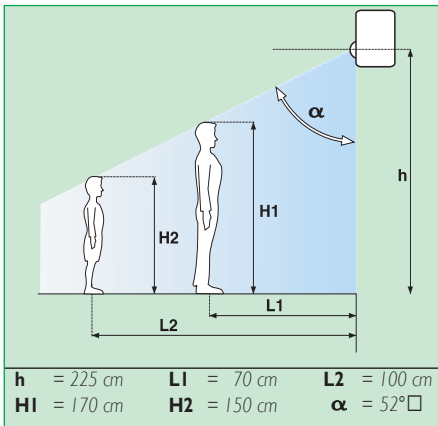


⑤ Ducted installations. MHC Model.

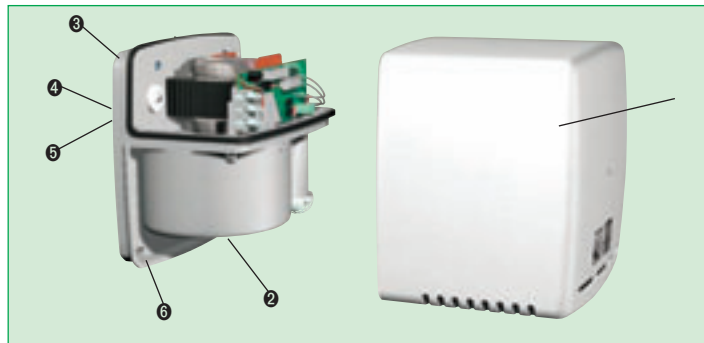


⑥ The microprocessor continually monitors the ambient conditions to maintain the ideal room conditions.

Supply and install an Ariett centrifugal extract fan with integral backdraught shutter for installation in wall or ceiling and ducted applications as manufactured exclusively by Vortice only for Vortice. The fan should have a performance in excess of the requirements of the Building Regulations (Document F). The requirements are 15l/s for bathrooms/toilets/shower rooms and 6 l/s for toilets (model with a 15 minute overrun timer for internal rooms). It should be tested and certified as IPX4 (splashproof) with all performance data third party IMQ (BEAB recognised equivalent) verified. The fan should have a high impact ABS thermoplastic resin cover and be supplied with an anti vibration support gasket for tiled or uneven walls. The motor should be either a bronze bush or a stainless steel ball bearing, shielded pole motor (30,000-hour guarantee), and include a thermal cut out device. Control options should include: Speed control (using an optional controller), Timer and MHC (microprocessor humidity control).








Activation range of PIR detector.



- ① High impact ABS thermoplastic resin cover.
- ② Nylon-fibreglass fan blades.
- ③ Antivibration support gasket, used for mounting on tiled or uneven walls.
- ④ Backdraught shutter to avoid back flow when unit is turned off.
- ⑤ 100 mm dia. outlet spigot.
- ⑥ Complete with fixings.

### Accessories on request (description and data on page 99)

Model	Code	Products
 C 1.5 electronic speed controller	12966	11965 - 11961 - 12015 - 11962
 SCNRB electronic speed controller	12971	11965 - 11961 - 12015 - 11962
 Fixed grille	22010	for all products
 Air deflector	22310**	for all products
 SCB Kit	22481	12966

\*\* Not available in UK