

WALL OR CEILING-MOUNTED TWO-SPEED, CENTRIFUGAL EXTRACTOR FANS, WITH IPX4 PROTECTION, FOR EXTRACTION EITHER DIRECTLY TO THE OUTSIDE OR INTO DUCTING.

## ARIETT LL HABITAT RANGE

**LONG LIFE**

**30.000 h**



■ **For continuous ventilation, with boost facility. Ideal for use in public sector housing in bathrooms, showers, utilities and toilets.**

- Two models. Habitat 15/30 can be used to provide trickle ventilation for rooms housing open-flued combustion appliances.
- Motor with shielded poles and ball bearings (30,000 h guaranteed continuous operation) with thermal protection.
- Two speed motor.
- IMQ information label certifies third party product data and performance.
- Complies with the CEI EN 60335-2-80 standards and IPX4

splashproof protection, CEI EN 60529 (Code IP).

- Low power consumption.
- Fully comply with F1 Building Regulations, plus 1.9D alternative approaches.
- Antivibration support gasket, used for mounting on tiled or uneven walls.
- Backdraught shutter to avoid back flow when unit is turned off.
- 100 mm dia. outlet spigot.
- Complete with fixings.

Design: F. Trabucco - M. Vecchi

### Accessories

(description and data on page 93)

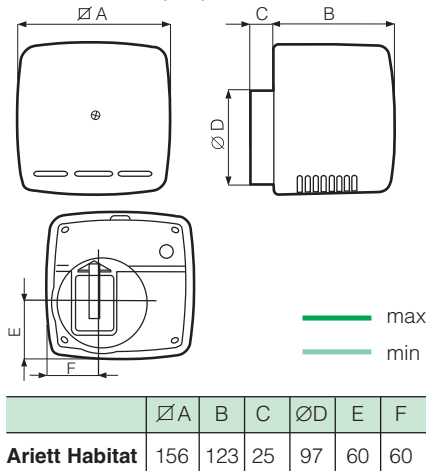
Wiring diagrams shown on page XXXV.



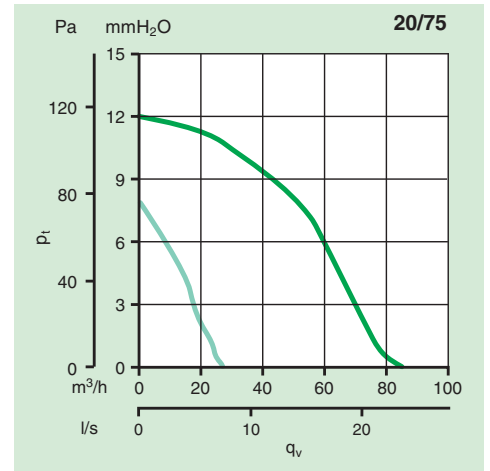
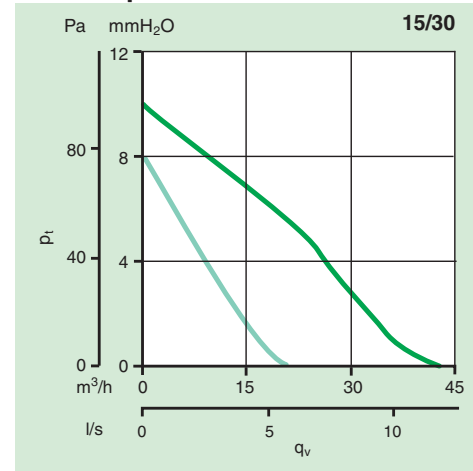
- ① Ducted installation.
- ② Wall or ceiling-mounted installation.
- ③ Motor with ball bearings: 30,000 h of guaranteed continuous operation.

Supply and install an Ariett Habitat 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 provide continuous trickle ventilation at low speed and have a second boost speed option and comply with the requirements of the Building Regulations (Document F) and the alternative approach 1.9D. The requirements are 15 l/s for bathrooms/toilets/shower rooms and 6 l/s for toilets – alternative approach 1.9D requires 0.5 ACH throughout the dwelling. The 15/30 version should be capable of providing trickle ventilation in rooms where open flued combustion appliances are used. 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 a stainless steel ball bearing, shielded pole motor (30,000-hour guarantee), and include a thermal cut out device. It should consume 6 Watts per hour, or less, on trickle speed.

### Dimensions (mm)



### Pressure/performance curves



| Product                           | Code  | V ~ 50 Hz | W   |     | A    |      | Rpm  |      | Delivery                                |                                          | P max                                 |                                         | Lp 1m dB(A) |      | Approvals | Kg  | Insulation | IP |
|-----------------------------------|-------|-----------|-----|-----|------|------|------|------|-----------------------------------------|------------------------------------------|---------------------------------------|-----------------------------------------|-------------|------|-----------|-----|------------|----|
|                                   |       |           | min | max | min  | max  | min  | max  | min                                     | max                                      | min                                   | max                                     | min         | max  |           |     |            |    |
| <b>Ariett Habitat</b><br>LL 15/30 | 12000 | 230       | 5   | 8   | 0.02 | 0.04 | 1260 | 1870 | 20 <sup>(1)</sup><br>5.6 <sup>(2)</sup> | 43 <sup>(1)</sup><br>11.9 <sup>(2)</sup> | 8 <sup>(1)</sup><br>78 <sup>(2)</sup> | 10 <sup>(1)</sup><br>98 <sup>(2)</sup>  | 30          | 41.5 |           | 1.2 |            | X4 |
| <b>Ariett Habitat</b><br>LL 20/75 | 12001 | 230       | 6   | 25  | 0.03 | 0.17 | 890  | 2470 | 27 <sup>(1)</sup><br>7.5 <sup>(2)</sup> | 85 <sup>(1)</sup><br>23.6 <sup>(2)</sup> | 8 <sup>(1)</sup><br>78 <sup>(2)</sup> | 12 <sup>(1)</sup><br>118 <sup>(2)</sup> | 30.5        | 51   |           | 1.4 |            | X4 |

<sup>(1)</sup> m³/h - <sup>(2)</sup> l/s - <sup>(3)</sup> mm H<sub>2</sub>O - <sup>(4)</sup> Pa