

# Typical Specifications

## Elegance EL100 and E-Smile ES1003



### Elegance EL100

Supply and Install an EL100HT high performance, low carbon axial fan which is suitable for installation in toilets as supplied by Vectaire Ltd, Lincoln Road, Cressex Business Park, High Wycombe, Bucks, HP12 3RH.

The fan is to be suitable for installation either into a wall, ceiling or window (with the appropriate accessories). The fan should have an air intake around the whole perimeter and have a footprint of no larger than 160mm square.

The fan is to be complete with integral humidistat and timer - the timer to be adjustable from 0-25 minutes.

The fan casing should be made of shock-proof, high quality technopolymer, and should have a low carbon motor with maintenance-free, long life ball bearings, and up to a 30,000 hour life. It should be protected with a thermal cut-out. The fan should be double insulated and be IPX4 splash-proof protected suitable for installation into Zones I and II.

The fan is to comply with IEC 60335-2-80, LVD 2006/95/CE and EMC 2014/30/EU European Directive against radio interference and electro-magnetic compatibility and be CE marked. It should also comply with the latest Building Regulations requirements.

The fan should be supplied with a user guide as required.

Only approved accessories should be used:

Wall Plates – as required

Window kits – as required

Wall terminations – all wall terminations as required

### E-Smile ES1003

- The unit will:
  - be supplied by Vectaire Ltd
  - be a high performance, three speed axial fan
  - be suitable all domestic wet rooms
  - be suitable for installation into wall or ceiling
  - be suitable for installation at any angle
  - the fan should be constructed using recyclable and/or reusable materials and components for minimum ecological impact
  - will run continuously at the pre-selected choice of two speeds ( 11 or 14 l/s) with the boost speed (21 l/s) being obtained by using integral pull cord or by:
    - remote switch/light switch
    - PIR sensor
    - DRH240 (dynamic remote humidistat)
  - have an induction motor with thermal protection
  - 40,000 hour life motor with maintenance free and long life ball bearings
  - thermal overload protection
  - operates in temperature up to 40°C
  - have a specific fan power from 0.37W/l/s.
  - be IPX4 (splashproof) rated for safe installation in Zones I and II
- The unit will:
  - be CE marked
  - comply with:
    - Building Regulations for enhanced energy saving capability
    - Building Regulations for reliable, efficient ventilation
    - EU RoHS Directive Compliant
    - IEC60335-2-80, LVD2006/95/CE and
    - EMC2014/30/UE (European Directive against radio interference and electro-magnetic compatibility)
  - be SAP PCDB Listed and Energy Saving Trust Best Practice Compliant
  - have a 2 year warranty
- Please contact your Vectaire representative via Head Office on 01494 522333 for any assistance.
- An electronic copy of this specification is available on request.