

# Typical Specifications

## Elegance EL100 & EL150 and Heatrec 1003



### 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 0-30 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, BT 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

### Heatrec 1003

Supply and install a Vectaire HREC1003HT energy efficient single room heat recovery unit as supplied by Vectaire Ltd, Lincoln Road, Cressex Business Park, High Wycombe, Bucks, HP12 3RH. The unit should be able to give low level, continuous ventilation to a domestic bathroom or kitchen and incorporate a humidistat which will automatically increase the airflow when necessary.

The unit should be for wall installation and have a choice of heat recovery tubes to fit 400mm, 500mm or 600mm wall thicknesses. It should recover up to 75% of heat from extracted air, separating the air-flows using a heat exchanger. It should be double insulated and be IPX4 splashproof protected suitable for installation into Zones I and II.

The unit should incorporate two low energy EC brushless motors for low noise levels and low energy consumption. It should have as standard the option of two trickle speeds and the facility to boost the speed either automatically via the integral humidistat or by use of the integral pull cord. It should also incorporate a summer by-pass and integral frost-stat.

The unit should comply with Part L1 2013 and Part F 2013 of Building Regulations; IEC 60335-2-80, BT 2006/95/CE and EMC 2004/108/CE European Directive against radio interference and electro-magnetic compatibility; and be CE marked.