

# CME3.1 Q Plus

## Continuous Mechanical Extract

### For use in dwellings with six wet rooms or fewer

The new CME3.1 Q Plus is ideal for continuous extract of stale, damp and polluted air to the outside environment.

The CME3.1 Q Plus is the latest addition to the centralised mechanical extract unit range. The combination of aesthetic smooth lines and a low profile makes it the ideal solution for hidden ceiling installation in flats and apartments.

The unit has a very large duty range over 103l/s (371 m<sup>3</sup>/hr) at 200 Pa

### Features & Benefits

- High energy efficiency levels, via Electronically Commutated (EC) motor
- Very low power consumption/specific fan power
- Airflow up to 124 l/s (445 m<sup>3</sup>/h) at 100 Pa
- Compact – unit is small and low in profile, can be fitted in airing cupboards, cupboards or loft spaces
- Easy installation due to innovative sub-assembly and unique packaging design
- Optional adjustable humidity sensor (between 55% RH & 85% RH) increases unit's speed proportionally
- Low unit noise
- Fully adjustable boost overrun timer 0-30 minutes
- Can accept either Ø125 and/or Ø100
- Unit can be cleaned and serviced without disturbing ducting
- For use in conjunction with Titon trickle vents
- Available in volt free and switch live inputs
- Quick and easy commissioning
- Demand control ventilation ready
- Wide duty range
- Can be mounted on any plane

MEV



For use with Titon Trickle Ventilators.

auralite CME



## Description

Titon CME3.1 Q Plus whole-house central mechanical extract ventilation unit.

## Product Codes

### Volt free switch inputs

**TP342A** - CME3.1 Q Plus (Full assembly)

**TP342HA** - CME3.1 Q Plus, humidity sensor (Full assembly)

### Switch live inputs

**TP342HALS** - CME3.1 Q Plus, humidity sensor, switch live inputs (Full assembly).

### Indicator Ready (auralite® CME TP517)

**TP342CH** - CME 3.1 Q Plus, humidity sensor, controls ready (Full assembly).

## Standards

Conforms to requirements of UK statutory Building Regulations and Technical Standards for Ventilation and BRE 398.

SAP Appendix Q tested.

Exceeds requirements of Building Regulations Approved Document L (England & Wales).

EU RoHS Directive compliant.

Conforms to requirements of EC council directives relating to Electromagnetic Compatibility and Electrical Safety:

2006/95/EC (LVD), 2004/108/EC (EMC) EN 60335-1:2002/A2:2006, EN 60335-2-80:2003, A1:2004.

CE and UKCA marked.

Other non-UK info available on request.

## Specification

### Dimensions (excluding ports):

310mm wide x 340mm long x 252mm high (excluding spigots)

**Weight:** 5 kg

**Finish:** Light grey / dark grey

### Materials:

Housing: Talc Filled Polypropylene

**Guarantee period:** 3 years (UK only)

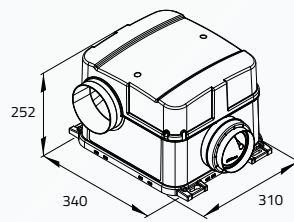
**Electrical:** 230V ~ 50/60Hz, 3A fuse

**Installation:** Install in accordance with regulatory requirements, such as the Ventilation: Approved Document F and the Residential Ventilation Association recommendations.

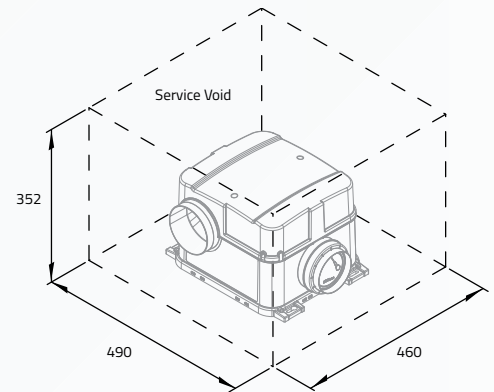
**Maintenance:** See product manual.

**Acoustics:** Full acoustic data available online [www.titon.com/acoustics](http://www.titon.com/acoustics).

## Drawing & Dimensions



Dimensions (excluding ports)



Dimensions in mm

## Performance

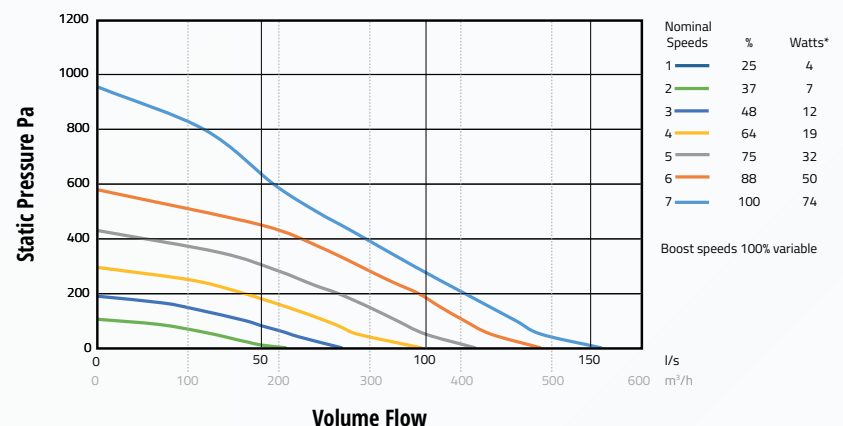
The figures and compliance levels below relate to current SAP requirements. Revised SAP guidance will have an effect on performance and up-to-date figures can be found on the relevant product page at [www.titon.com](http://www.titon.com).

Exhaust terminal configuration*	Fan speed setting	SFP (W/l/s)	SFP (W/l/s)
		2009	2012
Kitchen + 1 additional wet room	100% variable	0.17	0.17
Kitchen + 2 additional wet rooms	100% variable	0.16	0.16
Kitchen + 3 additional wet rooms	100% variable	0.17	0.17
Kitchen + 4 additional wet rooms	100% variable	0.20	0.20
Kitchen + 5 additional wet rooms	100% variable	0.23	0.23
Kitchen + 6 additional wet rooms	100% variable	0.26	0.26

Figures taken from the BRE Test Results apply for both the standard and humidity versions.

\*Number of wet rooms is based on SAP Q test criteria and does not correlate directly with regulatory performance requirements. Test results available for use with 110mm ducting.

## Nominal Fan Performance



## Acoustic Data

Product	Airflow l/s	% of Max flow	dB(A) @ 3m Hemispherical		dB(A) @ 3m Spherical
			Induct Inlet	Casing Breakout	Casing Breakout
CME3.1 Q Plus	42l/s	40%	19	18	15
	71l/s	68%	37	29	26
	105l/s	100%	43	39	36

For full frequency acoustic data at various speeds please see [www.titon.com](http://www.titon.com). All acoustic data is third party tested at Sound Research Laboratories (SRL) Ltd.