

# LOOVENT eco dMEV

Continuous ventilation



## Key features

- Continuous running Centrifugal Fan
- Trickle flow rate from 25 m<sup>3</sup>/hr
- Boost flow rate up to 110 m<sup>3</sup>/hr
- Compact Design - smallest footprint in its class
- Ideal for New Build and Refurbishments in toilets, bathrooms, en-suites, utility rooms and kitchens (adjacent to hob)
- Surface or recessed, portrait or landscape
- Simple replacement of existing Loovent - same mounting and spigot position
- Economical to operate - motor operates from 2.8w
- Timer and Humidity Timer versions
- SELV versions - low voltage
- IPX5 rating
- Complies with Building Regulations
- SAP Appendix Q approved
- 5 year warranty

## The next generation...

The dMEV continuous ventilation versions are the ideal solution for maintaining the perfect air quality in the domestic home. The LOOVENT eco dMEV version with timer and humidity timer functionality is SAP Appendix Q eligible, making it perfect for the new build market.

The trickle rate should be selected on installation depending on application - 7 l/sec for toilets, 9 l/sec

for bathrooms / en-suites / utility rooms and 16 l/sec for kitchens. Boost speed is activated by the pull cord, humidity sensor or a remote switch (light / door switch). Boost speeds are 15,15 and 31 l/sec respectively. The pre-set run on timer period will apply and revert back to the trickle speed after this time.



## Models

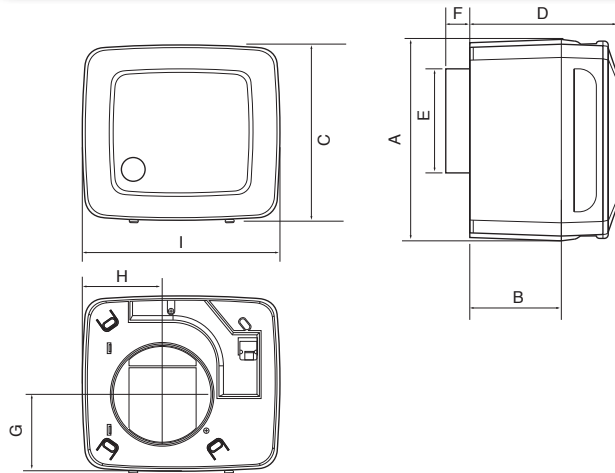
|                                 |  |
|---------------------------------|--|
| <b>Timer / SELV T</b>           | Timer can be set to run on between 2 and 45 minutes  |
| <b>Humidity Timer / SELV HT</b> | Humidity sensor can be set between 40 - 90% RH       |
| <b>Motion Sensor Timer</b>      | PIR sensor activates fan to switch on, timer overrun |



## Technical data

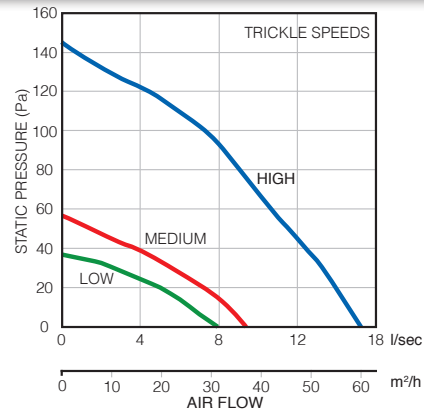
| Specification                                 | LOOVENT eco dMEV       |                 |           |
|---|------------------------|-----------------|-----------|
| Air flow m <sup>3</sup> /hr (trickle / boost) | 25/55                  | 33/55           | 59/110    |
| Air flow l/sec (trickle / boost)              | 7/15                   | 9/15            | 16/31     |
| Fan type                                      | Centrifugal            |                 |           |
| Controls                                      | Timer / Humidity Timer |                 |           |
| Sound Pressure dB(A)@3m                       | 25.2/ 46               | 25.2/ 46        | 28/46     |
| Power Watts                                   | 2.8 / 8.9              | 3.0 / 8.9       | 2.8 / 12  |
| Amps  | 3                      |                 |           |
| Specific Fan Power (SFP)                      | 0.40/0.59              | 0.32/0.59       | 0.17/0.40 |
| 2010 Building Regulations ADF                 | Yes                    |                 |           |
| Duct Diameter (mm)                            | 100                    |                 |           |
| Voltage                                       | 100/240v-50/60Hz       |                 |           |
| Rating  | IPx5                   |                 |           |
| Weight (kg)                                   | 1,0                    |                 |           |
| Dimensions (H x W x D) mm                     | 167 x 187 x 138        |                 |           |
| Product Codes                                 | 72684308 (T)           | 72684311 (HT)   |           |
|   | 72684312 (SELV)        | 72684313 (SELV) |           |

## Dimensions (mm)



| Model            | A  | B    | C   | D     | E  | F  | G    | H  | I   |
|------------------|----|------|-----|-------|----|----|------|----|-----|
| Loovent eco dMEV | 99 | 85.5 | 167 | 138.5 | 99 | 22 | 74.5 | 75 | 187 |

## Performance



## SAP Appendix Q Performance

| Unit configuration | Location | Flow rate      | Specification fan power (W/l/s) |
|--------------------|----------|----------------|---------------------------------|
| <br>In room        | Kitchen  | 13.3 l/sec     | 0.18                            |
|                    | Wet room | 7 or 9.3 l/sec | 0.31                            |
| <br>Through wall   | Kitchen  | 16.9 l/sec     | 0.19                            |
|                    | Wet room | 10.0 l/sec     | 0.33                            |

## Controls and accessories

A range of accessories including flexible and rigid ducting kits, controls and grilles are available.

See accessories section from pages 160 for more details.