

# iCONsmart 30

Stylish ventilation for large bathroom and utility room



## KEY FEATURES

- Available versions:
  - Timer, Humidity & Timer, Motion sensor & Timer, Motion sensor with Humidity & Timer
- Flow rate up to 42 l/s (151 m<sup>3</sup>/h)
- IPX5
- App controlled via Bluetooth with real time data logging
- Complies with Building Regulations
- 5 Year warranty

iCONsmart is the next generation in the iCON range. Ceiling or wall mounted, it is stylish and unobtrusive, even in the smallest of rooms. The patented iris design reduces external noise ingress as well as preventing unwanted back draught into your dwelling. Bluetooth technology enables quick and easy commissioning using the myAirflow app. iCONsmart 30 is the middle size of the world's first quiet mark approved range.

iCONsmart is based on the original iCON Red Dot award winning design, bringing its legacy and style into the modern era. You have never been more in control of your indoor air quality, with 3-months rolling data log of energy consumption, time-on and speeds log as standard. All recorded data is downloadable to any smart device via Bluetooth.

The iCONsmart app allows users to have full control over their fan. Standard features include:

- Run on Timer Control
- Delay Start
- Room Refresh
- Silent Hours

## Versions

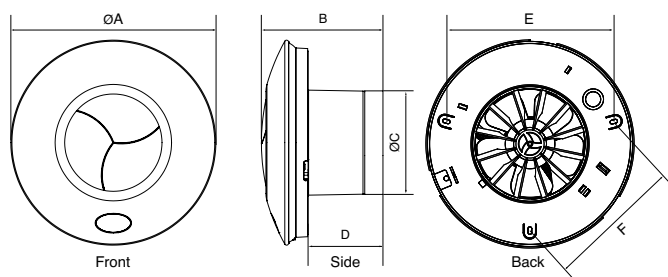
|          |                   |                                                |
|----------|-------------------|------------------------------------------------|
| 72687232 | iCONsmart 30 T    | Timer: Can be set to run between 2-45 min      |
| 72687233 | iCONsmart 30 HT   | Humidity & Timer: Can be set between 35-95% rH |
| 72687234 | iCONsmart 30 MST  | Motion sensor & Timer: PIR activates fan       |
| 72687235 | iCONsmart 30 MSHT | Motion sensor with Humidity & Timer: See above |



## TECHNICAL DATA

| Specification                   | iCONsmart 30 T                  | iCONsmart 30 HT | iCONsmart 30 MST    | iCONsmart 30 MSHT            |
|---------------------------------|---------------------------------|-----------------|---------------------|------------------------------|
| Air flow [m³/h / l/s]           | 36 - 151 / 10 - 42              |                 |                     |                              |
| Fan type                        | Axial                           |                 |                     |                              |
| Controls                        | Timer                           | Humidity Timer  | Motion Sensor Timer | Motion Sensor Humidity Timer |
| Mounting position               | wall / ceiling                  |                 |                     |                              |
| Sound pressure @ 3 m [dB(A)]    | 26.3                            |                 |                     |                              |
| Delay start (min)               | 2                               |                 |                     |                              |
| Adjustable timer (min)          | 2 - 45                          |                 |                     |                              |
| Adjustable humidity (%rH)       | No                              | 35 - 95         | No                  | 35 - 95                      |
| Motion sensor control           | No                              |                 | Yes                 |                              |
| Room refresh                    | Yes                             |                 |                     |                              |
| Silent hours                    | Yes                             |                 |                     |                              |
| Power [W]                       | 4.99                            |                 |                     |                              |
| Specific Fan Power (W/l/s) from | 0.12                            |                 |                     |                              |
| Building Regulations            | compliant                       |                 |                     |                              |
| Duct diameter [mm]              | 125                             |                 |                     |                              |
| Supply voltage                  | 110 - 240V AC / 1ph / 50 - 60Hz |                 |                     |                              |
| Ingress protection rating       | IPX5                            |                 |                     |                              |
| Max ambient temperature [°C]    | 40                              |                 |                     |                              |
| Weight [kg]                     | 1                               |                 |                     |                              |
| Dimensions H x W x D [mm]       | 246 x 246 x 123                 |                 |                     |                              |
| Part number                     | 72687232                        | 72687233        | 72687234            | 72687235                     |
| EAN                             | 5019009325989                   | 5019009325996   | 5019009326009       | 5019009326016                |

## DIMENSIONS (mm)



| Versions                         | A   | B   | C   | D  | E   | F   |
|----------------------------------|-----|-----|-----|----|-----|-----|
| iCONsmart 30 T, HT, MST and MSHT | 246 | 123 | 125 | 67 | 172 | 144 |

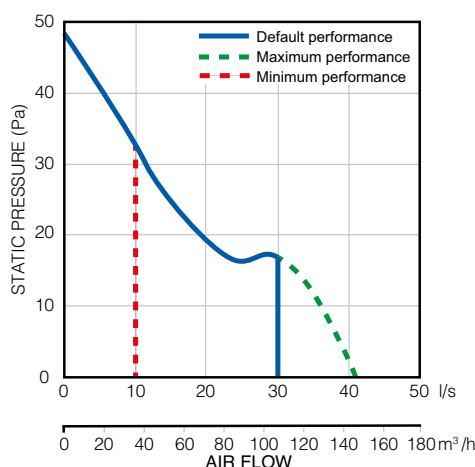
iCONsmart comes with a newly developed flow sensing technology that automatically adjusts and maintains the set extraction flow rates.



Download myAirflow



## PERFORMANCE



The inbuilt flow sensor gives you ultimate control. This graph shows the performance which can be set between 10 & 42 l/s (default 30 l/s). To find the system pressure for your set flow rate, simply draw a line up from the Air flow l/s or m³/h until it joins the curve above, index across to the left for system pressure available pascals (Pa).

## APP

The iCONsmart can be commissioned and controlled via the myAirflow app. Ensure your smart device is within 2 metres of the fan during setup and operation for a seamless connection. Available for iOS and Android.

- Humidity range sensitivity that can be adjusted accordingly.
- Run on timer function.
- Room refresh feature.
- Delay start feature.
- 3-month rolling log of usage data graphs with export feature.
- Override settings.
- Motion sensor activation.
- Silent hours feature.



Customisable fan name



Override settings by tapping the amber colour button



3-month rolling usage data log & export feature

### 72687232 – iCONsmart 30 Timer

- Adjustable run on timer between 2 and 45 minutes
- Silent Hours
- Room Refresh
- Delay start

### 72687233 – iCONsmart 30 Humidity Timer

- Adjustable room humidity level that can be set between 35%-95%
- Adjustable run on timer between 2 and 45 minutes
- Silent Hours
- Room Refresh
- Delay start

### 72687234 – iCONsmart 30 Motion Sensor Timer

- PIR activates fan
- Adjustable run on timer between 2 and 45 minutes
- Silent Hours
- Room Refresh
- Delay start

### 72687235 – iCONsmart 30 Motion Sensor Humidity Timer

- PIR activates fan
- Adjustable room humidity level that can be set between 35%-95%
- Adjustable run on timer between 2 and 45 minutes
- Silent Hours
- Room Refresh
- Delay start

## CONTROLS & FEATURES EXPLAINED



### RUN ON TIMER CONTROL

Run on timer control means that the fan will continue to run after it has been switched off for a pre-set length of time. These run on times can be set from 2 to 45 minutes and is designed to ensure that excess moisture, which is created whilst the room is in use, is removed.



### HUMIDITY & TIMER CONTROL

Using a fan with the Humidity & Timer function will mean that the fan will turn on once the humidity level is above the pre-set level and will continue to run until the humidity level is below the minimum threshold. The fan will continue to run on after the humidity level has gone below the pre-set level to ensure that excess moisture is removed from the room.



### MOTION SENSOR CONTROL

By having a fan with motion sensor functionality, the fan will only come on when the room is in use. A PIR sensor detects movement and causes the fan to switch on. The fan will continue to run on after the user has left the room to ensure all excess moisture is removed from the room.



### DELAY START

Delay start feature enables you to prevent the fan from being activated when using the room for a quick visit. The delay start feature is set to delay the fan for 2 minutes.



### ROOM REFRESH

Room refresh is an interval timer that enables automatic extraction at pre-set times if required.



### SILENT HOURS

Silent hours feature allows the user to set a period when they do not want the fan to turn on.



### DATA EXPORT

The performance of the fan can be monitored and the data can be exported and downloaded when required.



### FLOW RATE SETTINGS

View on-going flow rates on the modern visual interface.



### SAVE FUNCTION

The Save function within the app can be used to make sure all settings are saved and data retained, in the event of a power cut.



### APP CONTROLS

Control your iCONsmart with your device using Bluetooth connectivity, myAirflow can be downloaded via the App Store or Google Play.

## CONTROLS AND ACCESSORIES



**Cavity Wall Kit - White**  
No: 90001019

Ø125mm x 350mm Rigid Duct and Square Grill in White with Fixing Kit



**Cavity Wall Kit - Terracotta**  
No: 90001016

Ø125mm x 350mm Rigid Duct and Square Grill in Terracotta with Fixing Kit



**Flexible Duct Kit - White**  
No: 90000438

Ø125mm x 3000mm Flexible Duct and Square Grill in White with Fixing Kit



**Flexible Duct Kit - Terracotta**  
No: 90000437

Ø125mm x 3000mm Flexible Duct and Square Grill in Terracotta with Fixing Kit

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