

# iCONsmart 15

Stylish toilet and bathroom ventilation



## KEY FEATURES

- Available models:  
Timer, Humidity & Timer, Motion sensor & Timer, Motion sensor with Humidity & Timer
- Flow rate up to 22 l/s (79 m<sup>3</sup>/h)
- Low energy consumption
- IPX5
- App controlled via Bluetooth with real time data logging
- Complies with Building Regulations
- 5 Year guarantee



The 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 15 is the smallest 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 flow rates 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

## MODELS

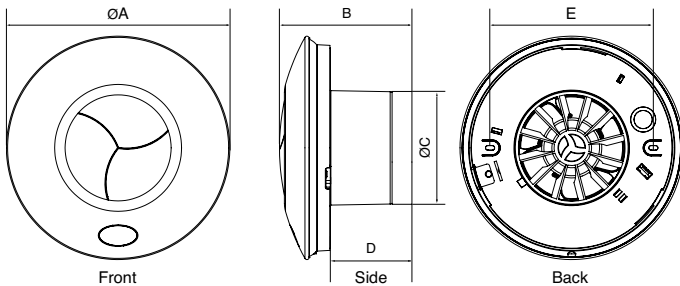
72687228	iCONsmart 15 T	Timer: Can be set to run between 2-45 min
72687229	iCONsmart 15 HT	Humidity & Timer: Can be set between 35-95% rH
72687230	iCONsmart 15 MST	Motion sensor & Timer: PIR activates fan
72687231	iCONsmart 15 MSHT	Motion sensor with Humidity & Timer: See above



## TECHNICAL DATA

Specification	iCONsmart 15 T	iCONsmart 15 HT	iCONsmart 15 MST	iCONsmart 15 MSHT
Air flow [m <sup>3</sup> /h / l/s]	18 - 79 / 5 - 22			
Fan type	axial			
Controls	Timer	Humidity Timer	Motion Sensor Timer	Motion Sensor Humidity Timer
Mounting position	wall / ceiling			
Sound pressure @ 3 m [dB(A)]	23.5			
Delay start (min)	2			
Adjustable timer (min)	2 - 45			
Adjustable humidity (%RH)	No		35 - 95	
Motion sensor control	No	No	Yes	Yes
Room refresh	Yes			
Silent hours	Yes			
Power [W]	3.2			
Specific Fan Power (W/l/s) from	0.14			
Building Regulations	compliant			
Duct diameter [mm]	100			
Supply voltage	110 - 240V AC / 1ph / 50 - 60Hz			
Ingress protection rating	IPX5			
Max ambient temperature [°C]	40			
Weight [kg]	0.7			
Dimensions H x W x D [mm]	194 x 194 x 118			
Part number	72687228	72687229	72687230	72687231
EAN	5019009325941	5019009325958	5019009325965	5019009325972

## DIMENSIONS (mm)



Model	A	B	C	D	E
iCONsmart 15 T	194	118	99	72	144
iCONsmart 15 HT	194	118	99	72	144
iCONsmart 15 MST	194	118	99	72	144
iCONsmart 15 MSHT	194	118	99	72	144

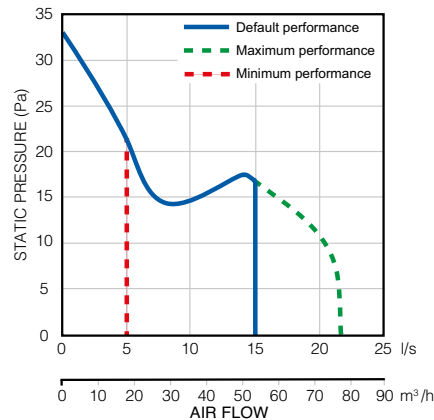
iCONsmart comes with a newly developed flow sensing technology that automatically adjusts and maintains the set extraction flow rates.



Download myAirflow



## PERFORMANCE



The inbuilt flow sensor gives you ultimate control. This graph shows the performance which can be set between 5 & 22 l/s (default 15 l/s). To find the available system pressure for your set flow rate, simply draw a line up from the air flow l/s or m<sup>3</sup>/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.

Features available dependent on model:

- 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

## 72687228 – iCONsmart 15 Timer

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

## 72687229 – iCONsmart 15 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

## 72687230 – iCONsmart 15 Motion Sensor Timer

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

## 72687231 – iCONsmart 15 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.



### APP CONTROLS

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



### 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.

## CONTROLS AND ACCESSORIES



**Cavity Wall Kit - White**  
No: 90001018

Ø100mm x 350mm Rigid Duct and Square Grill in White with Fixing Kit



**Cavity Wall Kit - Terracotta**  
No: 90001015

Ø100mm x 350mm Rigid Duct and Square Grill in Terracotta with Fixing Kit



**High Rise Cavity Wall Kit**  
No: 9021451

Ø100mm x 400mm Rigid Duct and Round Grille in Brown



**Flexible Duct Kit - White**  
No: 72643602

Ø100mm x 3000mm Flexible Duct and Square Grill in White with Fixing Kit

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