

iCONsmart 30

Stylish toilet and bathroom ventilation



KEY FEATURES

Available versions:

Timer, Humidity & Timer, Motion sensor & Timer, Motion sensor with Humidity & Timer

Flow rate up to 42 l/s (150 m³/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

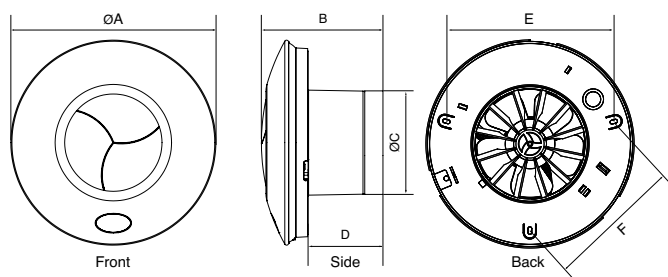
72687232	iCONsmart 30 T	Timer: Can be set to run between 2-45 min
72687233	iCONsmart 30 HT	Humidity & Timer: Can be set between 35-95% rH
72687234	iCONsmart 30 MST	Motion sensor & Timer: PIR activates fan
72687235	iCONsmart 30 MSHT	Motion sensor with Humidity & Timer: See above



TECHNICAL DATA

Specification	iCONsmart 30 T	iCONsmart 30 HT	iCONsmart 30 MST	iCONsmart 30 MSHT
Air flow [m³/h / l/s]	36 - ~150 / 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		
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	123	67	177	144

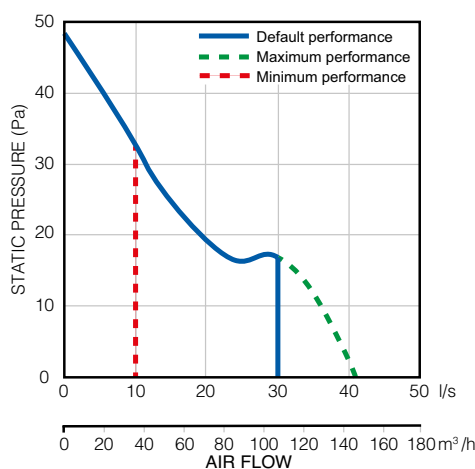
iCONsmart comes with a newly developed flow sensing technology that automatically adjusts and maintains the set extraction flow rates.



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

Others products available from airflow.com

Call: 01494 525252

Visit: airflow.com



Airflow Developments Limited
Aidelle House, Lancaster Road,
Cressex Business Park,
High Wycombe, Buckinghamshire,
United Kingdom, HP12 3QP

E-mail: info@airflow.com
Telephone: +44 (0) 1494 525252

airflow.com

© Airflow Developments Limited. Airflow Developments Limited reserve the right, in the interests of continuous development, to alter specifications without prior notice. All orders are accepted subject to our conditions of sale which are available on request



80001898 Issue 1 07/26