



iCON® Modules – 230V

Available Modules for iCON 230V Range

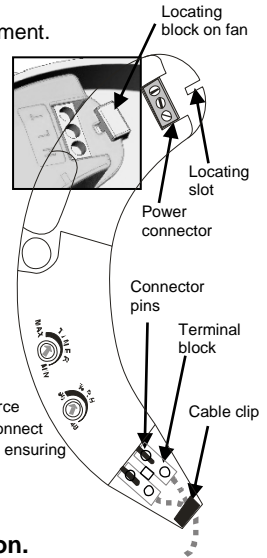
Description	Part No.	Wiring Diagram	Trigger Input	Timer ²	PIR ⁴	Humidity ³	Pull Cord Momentary ⁵	Pull Cord Latching	Notes
PIR Humidity Timer Module	72573901/ 72687102	A,B	✓	✓	✓	✓	x	x	1: Changes speed 2: 2 - 45minutes 3: 40% - 90 %RH 4: Passive infra-red 5: Momentary pull cords do not click when activated
Humidity Pull Cord Module	72573902/ 72687103	A,B	✓	✓	x	✓	x		
PIR Timer Module	72573903/ 72687104	A,B	✓	✓	✓	x	x		
Timer Module	72612601	A	✓	✓	x	x	x		
Continuous Ventilation Module	72675701	A,B	✓ ¹	x	x	x	x		
2 mins Delay Timer Module	72675702	A,B	✓	✓	x	x	✓		
Humidity Boost Module	72675703	A,B	✓	x	x	✓	✓		
Pull Cord Module	72573602	B	x	x	x	x	✓		

Fitting, Wiring and Adjusting

All Installation and adjustment to be carried out by a qualified person to the latest versions of Part P & IEE Regulations or to the appropriate regulations of the country of installation. Always isolate the fan unit from the power supply before disassembling the equipment.

Fitting and Wiring

- ✦ Remove the front cover, [See: Fan Instructions].
- ✦ Lift the terminal block away from the fan housing and push the two connector pins at one end of the module into the electrical terminal block and tighten with a suitable screwdriver. Ensure the leads are under the retaining clip.
- ✦ Fit slot in power connector end of module into the location block in the fan housing.
- ✦ Push module back into the fan body ensuring that the terminal block locates over the 2 retaining pillars.
- ✦ **Continuous ventilation module:** Low speed is factory set for the iCON range of fans as received.
- ✦ **For modules with pull-cords:** ensure that the pull-cord is properly located within the cord slot at the bottom of the fan housing.
- ✦ **For modules with PIR control:** remove the oval lens cap fitted at the bottom of the front cover of the Fan unit. Replace it with the translucent lens supplied with the PIR module. **Note:** The lens must be replaced in order for the PIR module to function properly. Ensure that the orientation of lens is correct, i.e. the lens face should be flush with surface.
- ✦ **Connecting mains cable into the Fan:** Fix the sealed grommet supplied into the cable entry hole. Pierce the grommet to allow the mains cable to be pulled through while maintaining the integrity of the seal. Connect the cable to the 3-way power connector block [See: iCON Fan instructions for possible wiring schemes] ensuring that the supplied cable clamp is fitted. Refit the front cover, [See: Fan Instructions].



Module adjustment

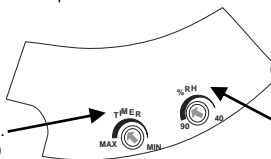
All Installation and adjustment to be carried out by a qualified person.

Do not open the unit or adjust the controls unless the mains power to the unit has been disconnected.

A module with Timer or Humidistat is supplied preset, but may be adjusted by the installer. **Note on humidity setting** – for sensor to be **less sensitive** (towards 90%) will only pick up very high levels of humidity – eg. use of bath or shower when air is saturated with moisture. For sensor to be **more sensitive** (towards 40%) will pick up very low levels of humidity – eg. normal summer day when fan will come on more often and for longer periods. The modules are preset at 70% RH as our fans are sold worldwide with varying humidity levels.

Continuous ventilation modules have a 2 position slide switch. Select required ventilation rate on installation.

Timer
 MAX = 45 minutes, MIN = 2 minute.
 (Factory set to approx. 20 minutes)



Relative humidity (%RH): 40% to 90%
 (Factory set to approx. 70%RH)

PART No. 72675701B
 CONTINUOUS VENTILATION MODULE
 33/3 KITCHEN
 81/8 BATHROOM



Adjustment Tool

Diagram A – iCON Fan Wiring for Control Modules with external switching

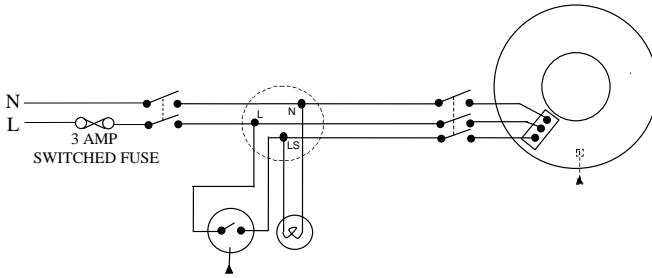
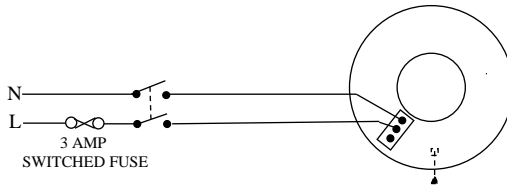


Diagram B - iCON Fan Wiring for Control Modules with no external switching



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