

AquiTron

AT-OFC-PIR-M

Ceiling Mount Flush Semi-Recessed
Microwave PIR



DATA SHEET



aquilar
leak detection solutions



AT-OFC-PIR-M

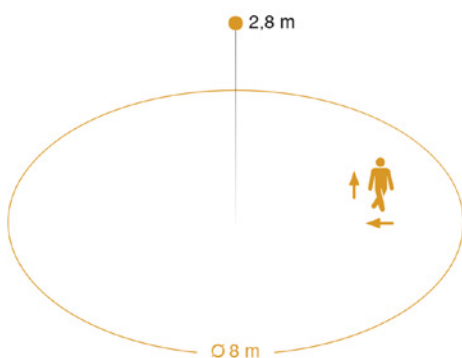
Ceiling Mount Flush Semi-Recessed Microwave PIR

The AT-OFC-PIR-M semi recessed microwave PIR sensor to be used with Aquitrone AT-OFC Occupancy Flow Controller which helps meet the BREEAM Wat 03 Part 2 requirements (BREEAM credit available: 1)

DESCRIPTION

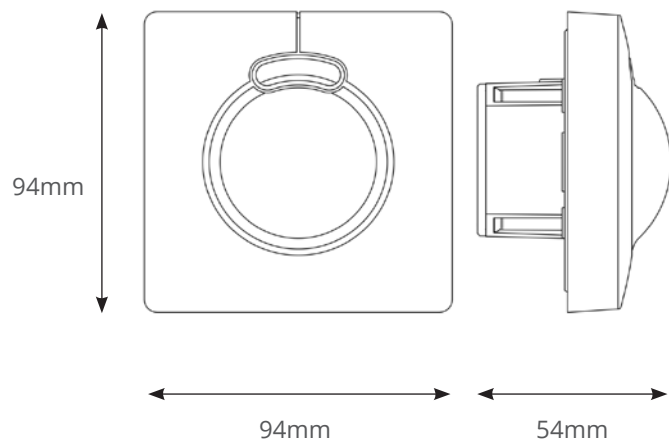
The AT-OFC-PIR-M Perfection through and through. High-frequency motion detector, ideal for irregular shaped bathrooms, WCs, shower blocks etc. The ideal installation height is 2.8 m, the sensor provides a 360° angle of coverage, reach 1 – 8 m (radial), detection regardless of temperature, HF-sensor technology also detects movement through glass, wood and stud walls. This sensor also has a heavy-duty relay for high switching capacity.

DETECTION ZONE



Mounting Height: 2 - 4.00m
Orange Zone : Radial & Tangential

DIMENSIONS DRAWING



TECHNICAL INFORMATION

Type	Motion detectors
Dimensions L x W x H	64 x 94 x 94 mm
Mains Power supply	230Vac / 50 - 60 Hz
Sensor Technology	High frequency
Application, place	Indoors
Installation site	wall, ceiling, corner
Installation	Concealed wiring
Mounting height	2.00 - 4.00m
Reach, radial	Ø 8 m (50 m²)
Reach, tangential	Ø 8 m (50 m²)
Detection angle	360 °
Angle of aperture	180 °
Detection	also through glass, wood and stud walls
Optimum mounting height	2,8 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Twilight setting TEACH	Yes
Twilight setting	2-1000 lx
Time Setting	5 s - 15min
Output	2000 W max
Switching output 1, resistive	2000 W max
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
Fluorescent lamps, electronic ballast	1500 W max
Fluorescent lamps, uncorrected	1000 VA max

Fluorescent lamps, series-corrected	400 VA max
Fluorescent lamps, parallel-corrected	400 VA max
Switching output 1, low-voltage halogen lamps	2000 VA max
LED lamps	100 W
LED lamps > 2 W	300 W
LED lamps > 8 W	600 W
Capacitive load in µF	176 µF
Constant-lighting control	No
Basic light level function	No
Functions	Normal / test mode, Manual ON / ON-OFF
Connect Bluetooth Mesh	Remote control, Potentiometers, Smart Remote
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master
IP-rating	IP20
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	irregular shaped bathrooms, WCs, shower blocks etc.
Colour	white
Colour, RAL	9003
Manufacturer's Warranty	5 years

APPROVALS

RED Directive 2014/53/EU including amendments OJ No. L 153/62

EN 60669-1:2000+A1:2002+A2:2008

EN 60669-2-1:2004+A1:2009

EN 60669-2-1:2004/A12:2010

EN 50428:2005+A1:2007+A2:2009

ETSI EN 300 440 V2.1.1

ETSI EN 301 489-1 V2.2.0

ETSI EN 301 489-3 V2.1.1

RoHS - Directive 2011/65/EU including amendments OJ No. L 174/88



ORDERING INFORMATION

Catalogue number 5723 AT-OFC-PIR-M Ceiling Mount Flush (Semi-Recessed) Microwave PIR, White, 230Vac

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