

ENVIRONMENTAL CONTROLS



Weather sensitive smart controls for the automatic and remote control of daylight systems

COXDOME ENVIRONMENTAL CONTROLS

- Ideal for use in public, residential or office buildings
- External 230V weather sensor
- For the collection of data on wind-speed, precipitation, outdoor temperatures and brightness
- GPS reception maintains correct date, time and sun position
- Central control panel with 5-inch LCD touchscreen
- Battery operated micro-USB radio unit capable of monitoring up to 4 zones simultaneously
- Collects data on internal room temperatures
- 1 radio channel available for communication with the weather station
- 15 channels available for communication with control unit for 230V ventilation or shadowing drives
- 32 channels available to allow integration of sensors. For example: to collect data on humidity, CO₂ levels, temperature in specific spaces etc, or to integrate with the radio control panel or hand-held remote controls



BENEFITS:

- Intuitive operation
- Comfortable surroundings
- Easy to install
- Suitable for retrofit

OPTIONS:

- Compatible with WLAN interface for control by smartphone app (communication only in immediate surroundings, not with external web servers)



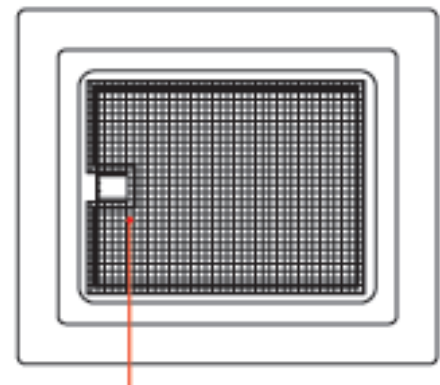
INSECT SCREEN



For use with ventilation systems to protect against insects and coarse contamination

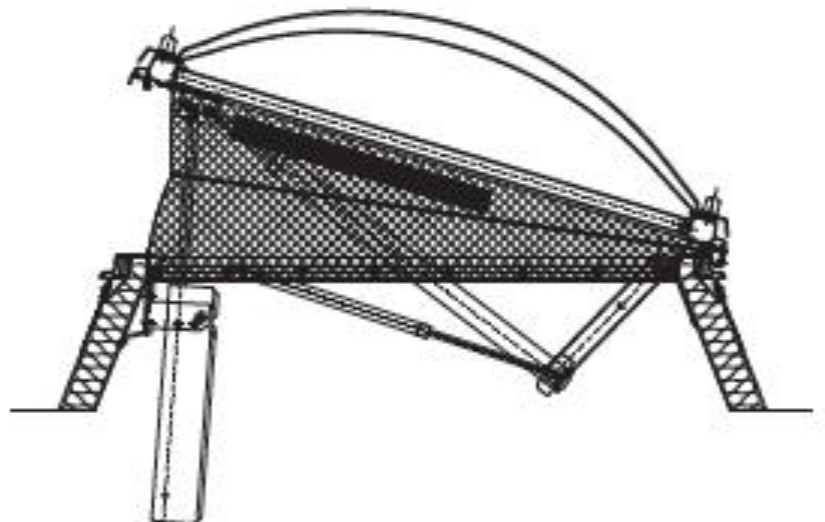
COXDOME INSECT SCREEN

- Insect screen systems for use with standard rooflights that can be opened
- Frame is mounted horizontally on the upper side of upstand
- Recess for motor spindle, protected with brush sealing
- Simple release and fastening using Velcro
- Mesh material made from polyvinylidene chloride (PVDC), offers resistance to weather and many fruit acids
- Mesh width <1mm
- Available for retrofitting onto third party products that can be opened



Brush recess for motor spindle

- For use in office, commercial, public, communal and residential buildings
- Available in horizontal or vertical formats, for units situated over kitchens and food preparation areas
- No accumulation of insect fragments, thus avoiding contamination
- Has no effect on the aerodynamic ventilation area (A_a value)
- Available in sizes from 50x100cm



BLINDS



Solar protection to reduce glare and heat input

COXDOME BLINDS

- Electromotive, pully-operated pleated or duette blinds
- Drive motor integrated into profile – battery buffered
- Remote control via five-channel handheld unit for up to five individual rooflights
- No electrical wiring necessary
- Quick and easy to assemble
- For shop assembly or retrofitting
- Solar panel or battery charger options



Cross-section of fixed rooflight with solar protection

Also suitable for use with fitted or ventable rooflights from other manufacturers – please contact Coxdome for more information.



Five-channel handheld remote control as standard



Solar panel for battery charging - optional

Light dome order sizes	Direction along the: short side = S long side = L	Light dome order sizes	Direction along the: short side = S long side = L
50 x 100	S	120 x 150	L
50 x 150	S	120 x 180	L
60 x 90	S	120 x 210	L
60 x 120	S	120 x 220	L
60 x 210	S	120 x 240	L
70 x 120	S	120 x 250	L
80 x 80	L	125 x 125	L
80 x 110	L	140 x 140	L
90 x 90	L	150 x 150	L
90 x 120	L	150 x 180	L
90 x 150	L	150 x 240	L
100 x 100	L	150 x 250	L
100 x 150	L	160 x 160	L
100 x 200	L	180 x 180	L
100 x 240	L	180 x 240	L
100 x 250	L	200 x 200	L
110 x 110	L	220 x 220	L
120 x 120	L		