MITSUBISHI ELECTRIC

PLP-6EAE / SLP-2FAE

3D i-see Sensor Grille

Mr.SLIM CITY MULTI

The **PLP-6EAE / SLP-2FAE** 3D i-see Sensor Grille is available for Mr Slim SLZ-M / PLA-ZM / PLA-M and City Multi VRF PLFY-M-VEM / PLFY-P-VFM-E range of ceiling cassettes.

Key Features & Benefits:

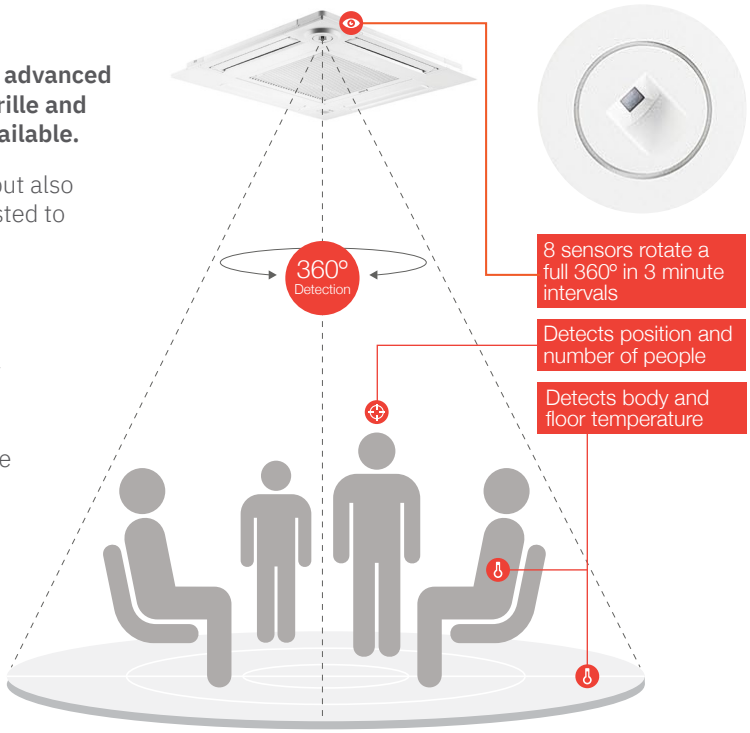
- 360° highly accurate sensor
- Human body temperature, room occupancy and position detection
- Energy saving modes
- Direct / indirect vane settings
- PAR-41MAA or PAR-SL101-E controllers required

COMPATIBLE MODEL RANGE	
Mr Slim	SLZ-M / PLA-ZM / PLA-M
City Multi	PLFY-M-VEM / PLFY-P-VFM-E

3D i-see Sensor Technology

The Mitsubishi Electric 3D i-see Sensor is one of the most advanced available on the market. It is uniquely embedded in the grille and offers the very best demand control of air conditioning available.

The sensor is able to detect not only if a space is occupied, but also how many people are present. Heating and cooling are adjusted to the exact requirements of occupants - while also ensuring energy efficiency.



Detect number of people to save energy

Room occupancy energy-saving mode

Sensors detect the number of people in the room to calculate the occupancy rate in order to save air-conditioning power. Air-conditioning power equivalent to 1°C is saved during both cooling and heating operation at an occupancy rate of ~30%.

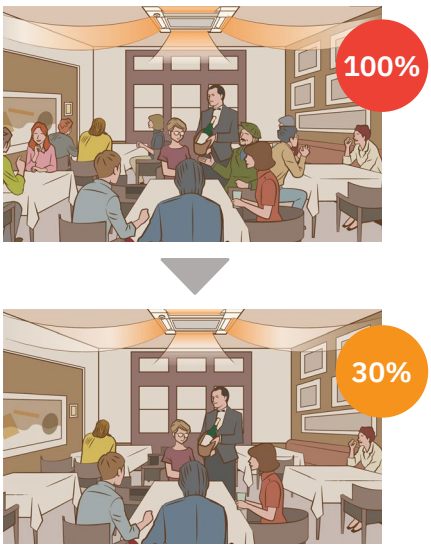
No occupancy energy-saving mode

The system is switched to a preset power-saving mode if room is unoccupied. If the room remains unoccupied for more than 60min, air-conditioning power equivalent to 2°C is saved during both cooling and heating operation.

No occupancy Auto-OFF mode

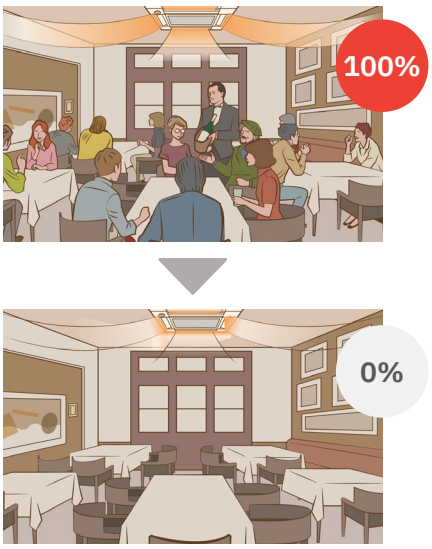
When the room remains unoccupied for a preset period of time, the air conditioner turns off automatically, providing power savings.

Room occupancy energy saving mode



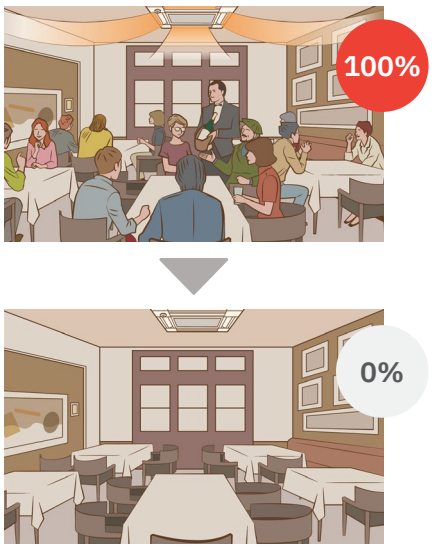
1°C Power Saving

No occupancy energy saving mode



2°C Power Saving

No occupancy Auto-OFF mode



Auto-Off

*PAR-41MAA or PAR-SL101-E controllers required.

Detects position of people and combines with seasonal air flow to save energy

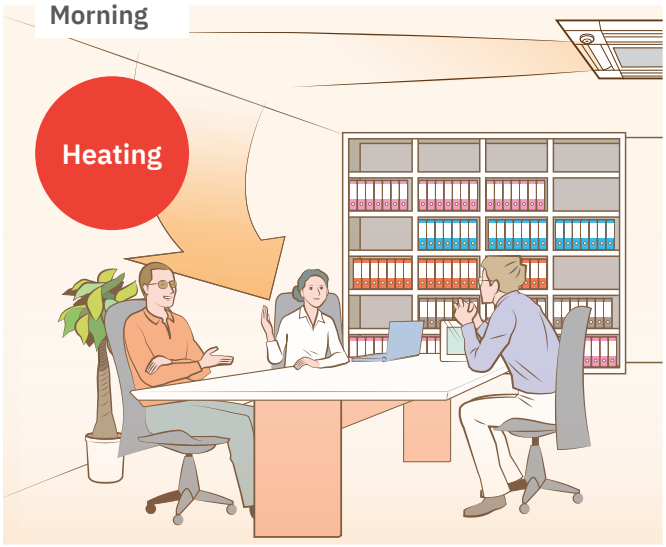
When cooling

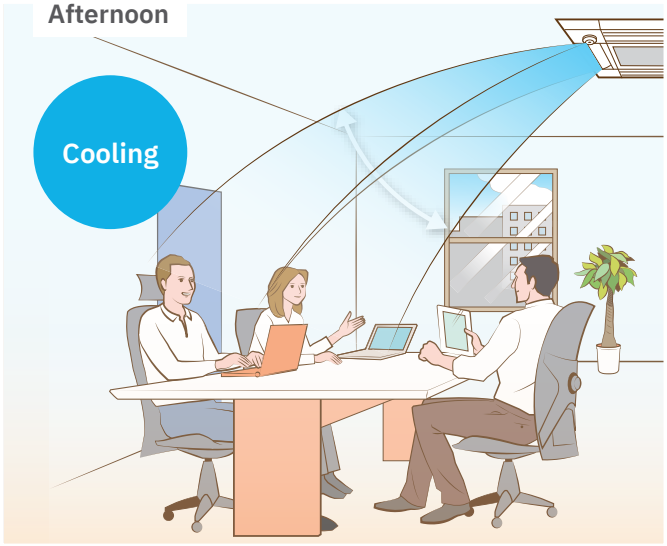
By automatically switching between ventilation and cooling, saves energy while keeping a comfortable effective temperature. When a pre-set temperature is reached, the air conditioning unit switches to swing fan operation to maintain an effective temperature.

When heating

The unit automatically switches between circulator and heating. Heat that accumulates near the ceiling is reused. When a pre-set temperature is reached the air conditioner blows air in the horizontal direction and pushes down the gathered warm air to people's height.

With the 3D i-see Sensor, it is possible to choose to block or not block the wind for each vane, allowing for direct/indirect air flow towards room occupants. This setting can be accessed via the controller.





*PAR-41MAA or PAR-SL101-E controllers required.

Defrost with 3D i-see sensor

If the 3D i-see sensor detects no people or activity, the system actively goes into defrost if required. Occupants wont experience the effects of the system defrost as a result of this feature. In situations where defrost is required while heating, the system will go into defrost even if rooms are occupied. This feature can be accessed via PAR-41MAA Controller.

Ceiling Cassette

PAR-41MAA
Wired Remote Controller

PAR-SL101A-E
Wireless controller

MITSUBISHI ELECTRIC
Changes for the Better

Telephone: **01707 282880**
email: **air.conditioning@meuk.mee.com**
les.mitsubishielectric.co.uk

@meuk_les
@green_gateway
Mitsubishi Electric Living Environmental Systems UK
Mitsubishi Electric Cooling and Heating UK
mitsubishielectricuk_les
Mitsubishi Electric Living Environmental Systems UK
BLOG thehub.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881
IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of October 2021

Green Gateway greengateway.mitsubishielectric.co.uk