Mitsubishi Electric launch the next generation of controller The new PAR-30MAA

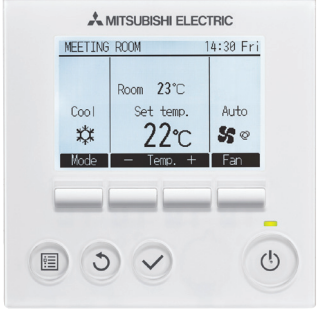
The air conditioning controller is often the first and sometimes the only thing that end users see, which makes it critical that it looks smart, is easy to use and the air conditioning system performs to its full potential.

The new PAR-30MAA

The new PAR-30MAA controller brings stylish design and usability combined with additional energy saving features. The footprint is very similar to the existing controller allowing a simple retrofit, should you want to take advantage of the new benefits on older systems.

The new style white controller is simple and logical to use. It has large, clear buttons, and the smaller keys have a variety of functions depending on which menu is selected by the user.

The display has been improved with a high resolution back lit screen and adjustable contrast. Each controller continues to control a zone of up to 16 indoor units.



The PAR-30MAA will be available from March 2011 for all split and VRF systems.

PAR-30MAA Controller
Actual dimensions: W 120 x D 19 x H 120

Did you know that '30' denotes thirty years of manufacture of the Mr Slim DX split systems?

All the new functions are available to use on both City Multi (VRF) and Mr Slim systems (Split Systems).

- The ON/OFF timer is a simple daily setting which turns the unit on and off at the start and end of each day. There is a repeat function for every day time clocking if required.
- Alternatively an auto off timer can be set which switches off the unit after a given time period after it is turned on. Frequently meeting rooms are used for limited time periods of an hour or so, therefore money can be saved once the room becomes unoccupied.
- The 7 day weekly timer is a more advanced option. This allows the user to have 8 ON and 8 OFF time and temperature settings per day. This is ideal to give full scheduling control if the area has a variety of occupancy levels or uses.
- If your building fabric is older, frost protection may be useful during extreme weather conditions and this is a standard function. When activated, this allows the user to select a night time set point for the unit to heat up to or a high set point for the unit to cool down to during unoccupied hours.
- Sometimes a user may leave a room for a period of time and wish to set it as unoccupied to save some energy. During this time period it is possible to reduce the air conditioning demand to a lower temperature and time it to come back up to full function after a fixed time period.
- If your building controllers are constantly being 'adjusted', why not restrict the temperature range that users can adjust? This is called set point limitation and will significantly reduce wasted energy. Similarly it is also possible to fix the mode of operation to heating, cooling or auto, preventing unnecessary operator interference.
- If your units are in a residential area, you may need to reduce noise levels at certain times. The compressor and fan speed can be slowed down during a fixed time period to restrict noise pollution.
- The new controller has two levels of password protection. At administrator level, a four digit code input will enable timer setting, energy saving functions and user restriction functions to be set. The second maintenance level will give a service engineer full access to the system operation, refrigerant checks and fault code history.

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