

## GME SERIES – UNDERCEILING OR CONSOLE SPLIT SYSTEM AIR CONDITIONERS

### GENERAL

**GME** – Indoor Unit, usable for reverse cycle or cooling only.

**OSA \*C** – Outdoor unit, cooling only version

**OSA \*R** – Outdoor unit, reverse cycle version

### Application

Typically installed in office areas, shops, restaurants, night clubs and other commercial and public spaces where unobtrusive air conditioning is required.

Underceiling units are ideal for rooms with limited or no ceiling space. Sloping ceilings are not a problem as the units can still be suspended level.

GME/OSA systems are available for reverse cycle (heat pump) or cooling only applications.

The system includes a temperature sensing head pressure control which enables the system to compensate for outdoor ambient temperatures below 20°C on cooling cycle, and above 15°C on heating cycle.

### Design

The slimline low profile styling allows the Indoor Unit to be suspended unobtrusively under the ceiling, where it does not use valuable office wall or floor space. Alternatively, if it is more convenient the unit can be mounted vertically as a console, e.g. under a window.



The Outdoor Unit is designed to be freestanding or wall mounted, with optional kit, to fit the available space.



### User Friendly

GME units are supplied with a HAN-L6 Controller. This thermostat has been designed to maintain a high level of comfort for room occupants. Emphasis has been placed on providing controls that are easy to use — despite the sophisticated microprocessor system that runs it. Use of the Auto and Timer function settings allows you to 'set it and forget it'.

### Quiet

The carefully designed fans ensure the GME units' emit minimal noise, while maintaining the efficiency of the unit.

The Outdoor Unit is also very quiet with a compressor/motor within a hermetically sealed casing which in turn is mounted in an acoustically insulated compartment.

### Circulates

The air discharge louvre is motorised to distribute conditioned air high and low into the room. If preferred, however, the motor can be switched off and the louvre can be set at a fixed angle. Left and right air distribution is manually set to suit.

### Accessible

The filter is easily accessible for periodic cleaning via the indoor unit's hinge down/removable return air filter panel.

### Durable Outdoor Unit

The Outdoor Unit is built to withstand the rigours of the weather, year in and year out. The cabinet is made from the high quality galvanised steel, finished with tough oven-cured polyester powder coating and fixed with stainless steel fasteners. The outdoor coil fins are epoxy coated for extra protection in corrosive environments, e.g. salt laden sea air.

### Self Diagnostics.

The Outdoor Unit's Controller (OUC) has a display of LEDs to indicate faults and running conditions. A general fault indicator is included for interface to external systems.



### OPTIONAL ACCESSORIES

Outdoor Unit:

1. LP switch.
2. Fault indicating auxiliary relay board.
3. Wall mounting brackets.

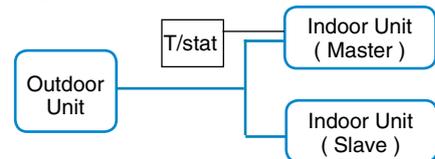
### Technical Backup

Manufacturer's representation assures quality technical backup, quick and efficient parts and service.

### Two Zones

Two half capacity indoor units can be coupled to one single compressor outdoor unit serving a large area from one room thermostat. This tandem arrangement permits air distribution closer to where it's needed most.

A slave version of each indoor unit is available for this arrangement. Refer to page 6 for available combinations.



The manufacturer operates a quality management system that conforms to AS/NZS ISO 9001:2000.

## HAN-L6 CONTROLLER

### Features

- Cool / Dry / Fan modes.
- Heat / Auto modes
- Auto / High / Medium / Low fan speed selection.
- Temperature setting range from 18°C – 28°C.
- LED to indicate status of the unit [Power On/Off].
- Room temperature display.
- Real time clock.
- 7 day timer – six start and/or stops per day
- On demand countdown run timer, up to 12 hours.
- External Time Clock compatibility
- Auto-Restart or No Restart after power failure.
- Continuous or Intermittent selection of fan run-on in dead zone.
- Indoor coil protection.
- Backlit screen for ease of reading.
- Soft touch tab keys
- Battery backup (Lithium).
- Hot start – for cold draft prevention.
- Sleep function.
- Dual Control option.
- Filter due for clean indicator.
- Low voltage control cable.
- Colour: white and grey.
- Optional: Remote return air sensor, remote wall sensor, extended interface lead, extra Wall Control plaques (up to 4 in total).

