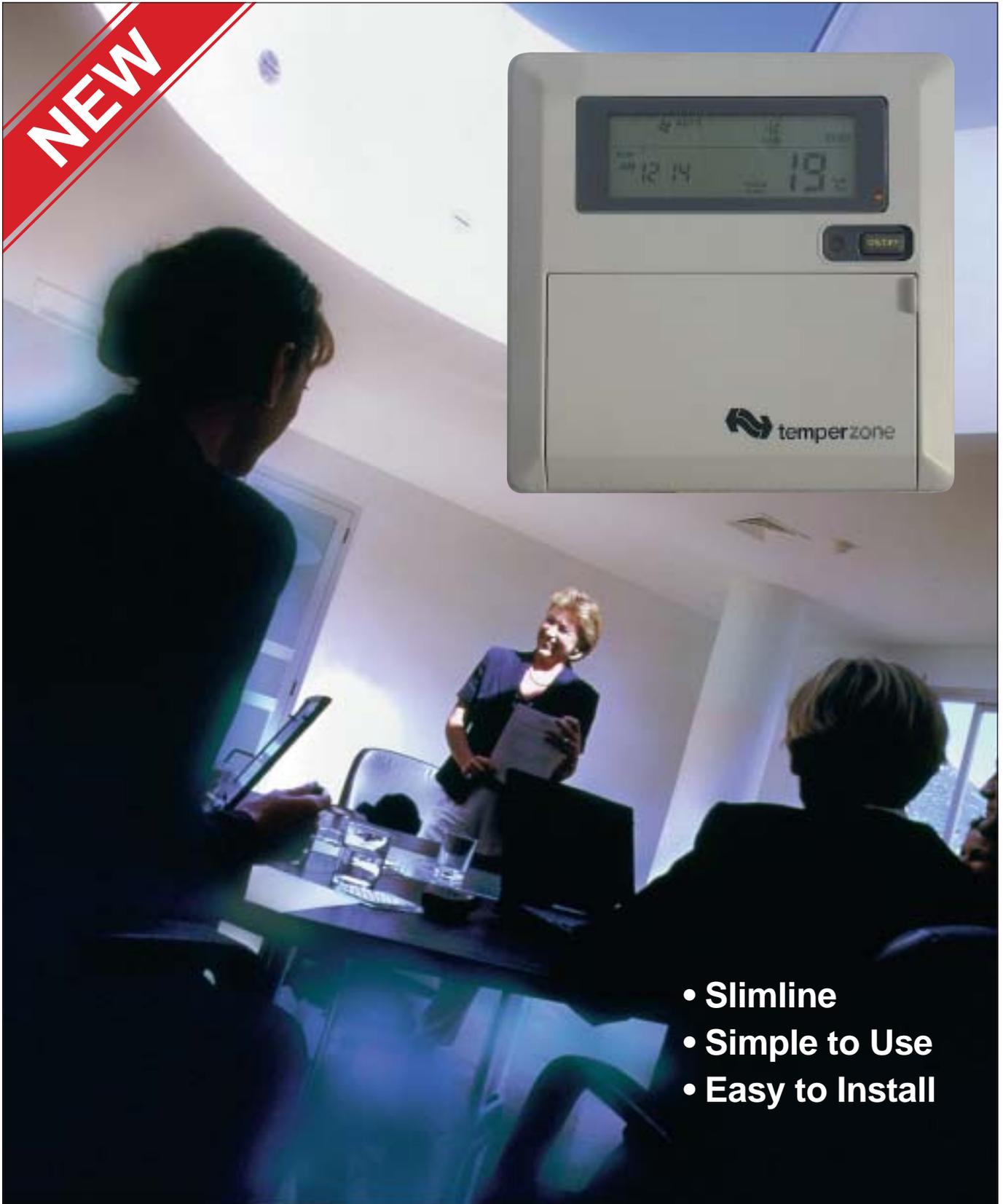


TTS-11 Controller

Data Sheet

for Reverse Cycle Air Conditioners



- Slimline
- Simple to Use
- Easy to Install

TTS-11 CONTROLLER

The **temperzone** TTS-11 is a microprocessor air conditioning temperature controller that is simple to use and easy to install. It is suitable for use with the following **temperzone** units: ISDL Series, ISD 75Q-181Q/221Q/266Q, and GME Series.

The TTS-11 has four main components: Wall Thermostat display, Controller Board, 10 m of interconnecting cable and indoor coil sensor.

Features

- Cool / Dry / Fan modes.
- Heat / Auto modes (Reverse Cycle systems only).
- Auto / High / Medium / Low fan speed selection.
- Temperature setting range from 16°C – 30°C (61°F – 86°F).
- LED to indicate status of the unit [Power On/Off].
- Room temperature display.
- Real time clock.
- 7 days programmable [Start/Stop] timer that programs the unit to **two** start and/or stop per day. **The timer may also be set for 7 day use in Retail applications.**
- **Bypass permits a quick 'on demand' alternative to the 'pre-programmed' type of use. Acts like a countdown timer, confining running to 1, 2 or 4 hours.** **NEW**
- External Time Clock compatibility.
- Battery backup. In the event of a power failure or external time clock initiated power off, a backup battery will maintain the wall thermostat's real time clock and the integrity of its data. When power is resumed (returned/switched on again), the unit will automatically restart using the last settings. **Uses 2 x AAA alkaline batteries for an estimated 3 year life.** **NEW**
- Key Lock function – prevents children or unauthorised personnel from changing the settings of the Wall Thermostat.
- Sleep function – saves energy by altering the set temperature over a two hour period, without jeopardising comfort level.
- Genuine Auto Changeover. With reverse cycle systems the thermostat will automatically switch between heat and cool modes to retain the set temperature.
- Dry function – removes moisture from the air while maintaining room temperature.

- Indoor coil protection. In cooling cycle, under adverse conditions the system will enter Frost Protection Mode to prevent the coil being damaged by a build up of ice.
- Cold draft prevention. When commencing heating cycle, the fan will not start until the coil is warm enough to prevent an initial draft of cold air.
- Hot keep function. On quitting heating cycle, the fan keeps running while the coil is hot for better energy efficiency.
- Hot start function – for quick warm up; works on Auto mode if calling for heating at power on.
- Low voltage interconnecting cable.
- Swing function. Applicable to systems with GME Series underceiling indoor units which have a swinging louvre to enhance air distribution.
- **Remote mounting. When purchased as a kit, the TTS-11 Controller board is supplied in its own metal housing which may be remote mounted (up to 11m) for better accessibility.**
- **Infra red remote control (option).**
- **Remote air temperature sensor (option).** **NEW**
- **Zone Sensing & Averaging Controller (option). Connects two 8m remote thermostat cables (supplied). May be used with third party Zone Control systems which direct which room t/stat is used via a damper shutdown power input. Accepts 24 V or 230/240 V input.** **NEW**

Installation

temperzone ISDL and GME Series units come complete with the TTS-11 Controller Board installed. Simply connect the TTS-11 Wall Thermostat to the TTS-11 Controller Board via the interconnecting cable provided.

Also available as a kit for fitting to **temperzone** ISD 75Q-181Q, 221Q, 266Q units.



Field Selectable Options

- Audible beep when buttons pressed.
- Remote Control use.
- Real Time Clock.
- Dry function availability.

Specifications

Dimensions (wall t/stat): 120 x 120 x 21mm
 Colour: Off-white and grey
 Controller Input: 200–240 V a.c. 50 Hz
 Wall T/stat batteries: 2 x AAA alkaline



*Control Box
 supplied with
 TTS-11 kit
 suitable for
 remote mounting
 (330 x 325 x 100 mm).*



The TTS-11 supersedes the previous TTS-10.

Materials and specifications subject to change without notice due to the manufacturer's ongoing research and development programme.



temperzone limited

Head Office, Auckland : 38 Tidal Rd, Mangere, N.Z.
 Private Bag 93303, Otahuhu, NEW ZEALAND.
 Email sales@temperzone.co.nz Website: www.temperzone.biz

temperzone australia Pty Ltd

Head Office, Sydney : 7A Bessemer St
 PO Box 6448, Delivery Centre, Blacktown, NSW 2148,
 AUSTRALIA. Email sales@temperzone.com.au

AUCKLAND
 Ph. 0-9-279 5250
 Fax 0-9-275 5637

SYDNEY
 Ph. (02) 8822-5700
 Fax (02) 8822-5711

MELBOURNE
 Ph. (03) 9551-7422
 Fax (03) 9551-8550

PERTH
 Ph. (08) 9314-3844
 Fax (08) 9314-3855

WELLINGTON
 Ph. 0-4-569 3262
 Fax 0-4-566 6249

ADELAIDE
 Ph. (08) 8333-1833
 Fax (08) 8333-1844

BRISBANE
 Ph. (07) 3399-2544
 Fax (07) 3399-2577

TOWNSVILLE
 Ph. (07) 4773-9566
 Fax (07) 4773-9166

CHRISTCHURCH
 Ph. 0-3-379 3216
 Fax 0-3-379 5956

SINGAPORE
 Ph. SNG 6733 4292
 Fax SNG 6235 7180

NEWCASTLE
 Ph. (02) 4962-1155
 Fax (02) 4961-5101

HOBART
 Ph. (03) 6272-0066
 Fax (03) 6272-0506



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