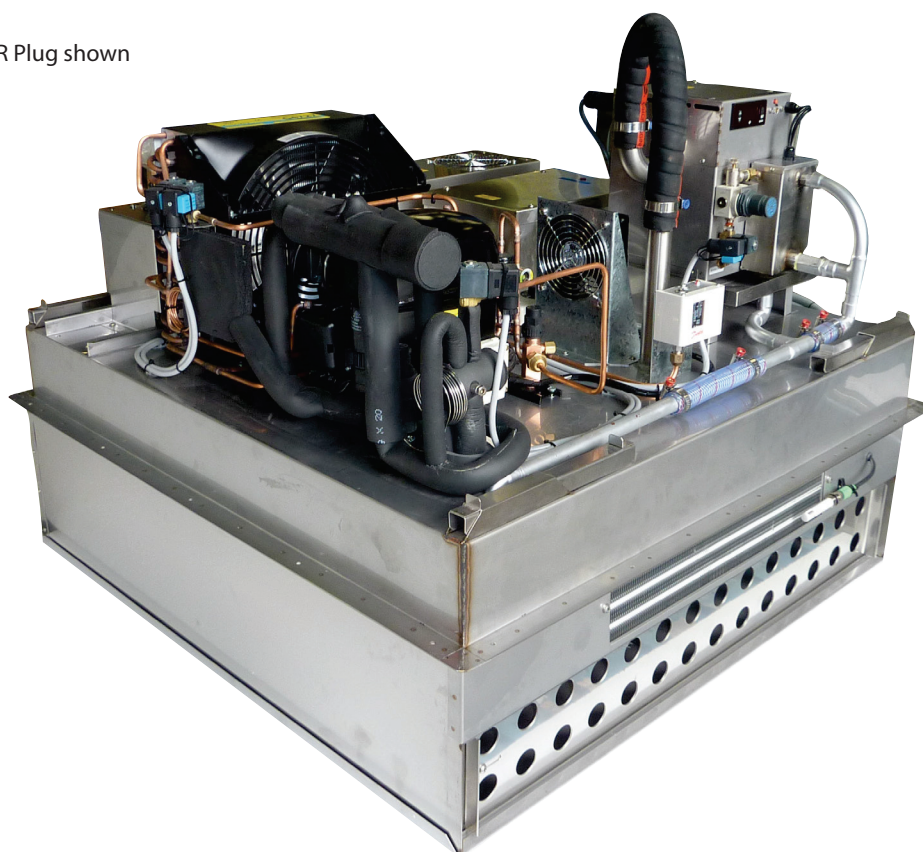


# CONDITIONING UNITS FOR ENVIRONMENTAL ROOMS

(TEMPERATURE AND HUMIDITY)

Image: TCU-4-THR Plug shown



Plug seen outside the workspace

Plug seen inside the workspace

## Thermoline Conditioning Units for Environmental Rooms

- Unique range of room conditioning units built by Thermoline
- Provide temperature only or temperature and humidity conditions
- Economical method to provide precise temperature/humidity conditions
- Supplied as a 'ready assembled' plug system
- One or more units can be fitted to a room depending on the room size
- Four models are available to suit room sizes 20 to 30m<sup>3</sup>
- Control panel that fits to the front of the room is also supplied 'ready assembled'
- Industries requiring this equipment include Pharmaceutical, Construction materials, Electronics, Microbiology, Botanical and Horticultural Institutions.



Control panel

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 **Thermoline**  
S C I E N T I F I C  
H I G H E R   S T A N D A R D S   I N   S C I E N C E

# PRODUCT DETAILS

Thermoline offer a range of 'Room Conditioning Units' which can be fitted into suitable insulated room/s (cool room structure) to provide temperature only or temperature and humidity conditions within the room/s. This is the most economical method to provide precise temperature/humidity conditions to an existing or new room for laboratory testing of products or for actual production.

The conditioning unit is supplied as a 'ready assembled' plug system that fits up through a hole provided in the ceiling of the room. A control box that fits to the front of the room is also supplied 'ready assembled' with the instruments, electrical components and wiring ready for connection. One or more units can be fitted to a room depending on the room size.

Four models are available to suit room sizes 20 to 30m<sup>3</sup>.

## Model TCU-1-TO

Conditioning unit without refrigeration to heat only. Temperature range is from 5°C above ambient to +50°C.

## Model TCU-2-TH

Conditioning unit without refrigeration to heat and humidify. Temperature range is from 5°C above ambient to 50°C with a humidity range of 20% to 90% RH temperature dependent.

## Model TCU-3-TOR

Conditioning unit with refrigeration to provide temperature of +10°C to 50°C depending on the room size and insulation.

## Model TCU-4-THR

Conditioning unit with refrigeration and a steam humidifier. Temperature range of +10°C to +50°C and humidity range of 20% to 90% RH depending on the temperature, room size and insulation.

Industries requiring this equipment include: Pharmaceutical, Packaging, Paper, Construction materials, Electronics, Microbiology, Botanical and Horticultural Institutions.

# SPECIFICATIONS

Model	TCU-1-TO	TCU-2-TH	TCU-3-TOR	TCU-4-THR
Refrigeration (hp)	-		5/8	
Heating (kw)	1.5			
Humidifier	-	Steam	-	Steam
Electrical	10A / 1Hp		15A / 1Hp	
Plug Size (WxDxH mm)	900x900x500	900x900x750	900x900x600	900x900x750
Packed Weight (kg)	135	145	180	190

Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

We're proud to say that we are 100% Australian owned and operated.

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