

Temperature and Humidity, Cooling Units for Environmental Rooms

AUSTRALIAN MADE



Typical installation in prefabricated rooms.



Push up unit assembly
or Drop in assemblies
available



Control Panel
fits to front of
room

Other ranges available on application.

FEATURES

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 30m³.

Model TCU-1-TO is a conditioning unit without refrigeration to heat only. Temperature range is from 5°C above ambient to +50°C.

Model TCU-2-TH is a 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 is a conditioning unit with refrigeration to provide temperature of +10°C to 50°C depending on the room size and insulation.

Model TCU-4-THR is a 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.

MODEL	REFRIGERATION	HEATING	HUMIDIFIER	ELECTRICAL RATING	PLUG SIZE (HxWxD)	PACKED WEIGHT
TCU-1-TO	-	1.5 KW	-	10A 1HP	50x90x90	50
TCU-2-TH	-	1.5 KW	Steam	10A 1HP	75x90x90	55
TCU-3-TOR	5/8 HP	1.5 KW	-	15A 1HP	60x90x90	60
TCU-4-THR	5/8 HP	1.5 KW	Steam	15A 1HP	75x90x90	65