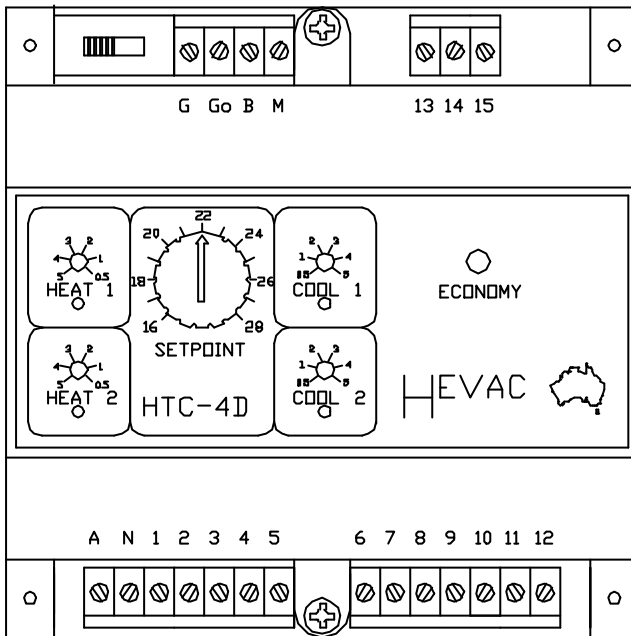


HTC SERIES

HTC- 4D

2 HEAT/3 COOL CONTROLLER with ECONOMY CYCLE COMPARITOR



*The **HTC-4D** temperature controller is primarily designed for the control of 2 Heat and 2 Cool air-conditioning units, and also incorporates an ON/OFF Two position Economy Cycle Output with a Comparitor Override.*

This output is produced by comparing the outside air temperature to either the return air or room temperatures.

*If the **HTC-4D** is in the cooling mode and the outside air is lower than the room/return air temperature the relay will energise.*

Features

- Australian made and designed.
- Dual supply voltage 24v or 240v A.C (User Selectable)
- 10 AMP (resistive) Potential free relay contacts.
- L.E.D Indication of all outputs.
- Various remote sensor options available.
- Comparitor Override via room or return air sensor.
- ON/OFF Two position Economy Cycle Output.

HEAD OFFICE:

54 Howleys Road,
Notting Hill, Vic. 3168
Phone: (03) 9562 7888
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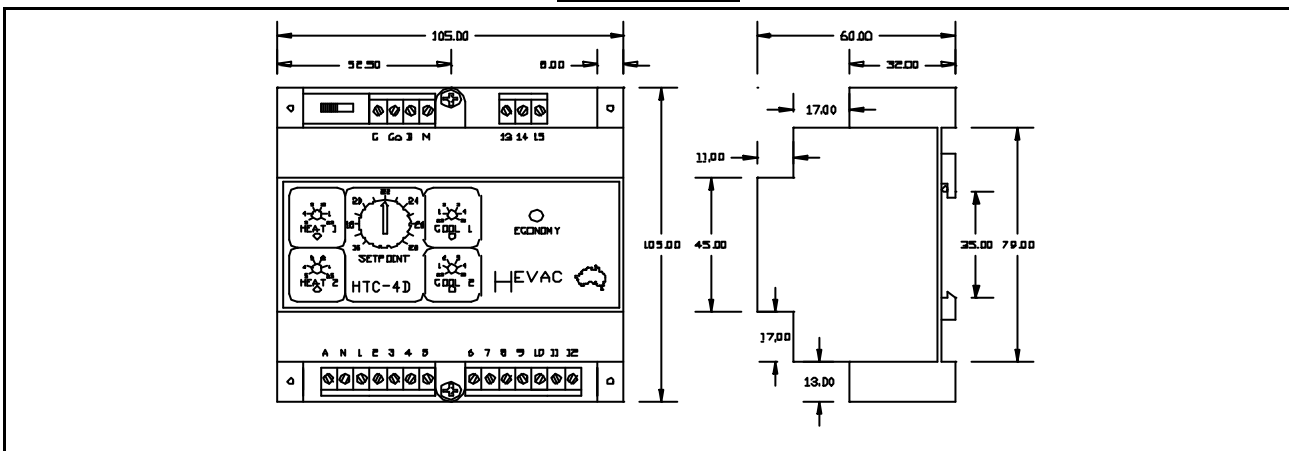
TECHNICAL: technical@hevac.com.au

HTC-4D Technical Specifications

Power supply (User Selectable)	24VAC or 240VAC
Power consumption 240 volts	7 VA
Power consumption 24 volts	1 VA
Heating and Cooling relay outputs	240VAC 10 amp resistive, 3 amp inductive
Temperature range	16 to 28 Degrees Centigrade
Switching differential for STAGE 1	0.3 Degrees Centigrade
Switching differential for STAGE 2	0.7 Degrees Centigrade
Switching differential for Economy Output	0.5 Degrees Centigrade
STAGE 1 & 2 start point adjustment range	0.5 to 5.0 Degrees Centigrade
Economy Cycle Output start point	0.5 Degrees above setpoint (Non Adjustable)
Output indication	Green LED for Cooling Red LED for Heating Yellow LED for ON/OFF Economy Output
(Located on the right hand side of control fascia)	
Mounting method	35mm DIN rail (Not supplied)

Dimensions

ALL DIMENSIONS IN MILLIMETRES



Terminal Designations

G	24 VOLT AC SUPPLY ACTIVE	3	HEATING STAGE 1 OUTPUT
Go	24 VOLT AC SUPPLY GROUND REFERENCE	4	(HEATING STAGE 1 & R/V FOR COOL) COMMON
B	ROOM SENSOR INPUT	5	REVERSING VALVE FOR COOLING OUTPUT
M	COMMON FOR ALL SENSOR INPUTS	6	COOLING STAGE 1 OUTPUT
13	Y SIGNAL OUTPUT	7	(COOLING STAGE 1 & R/V FOR HEAT) COMMON
14	RETURN AIR SENSOR INPUT (SEE NOTE BELOW)	8	REVERSING VALVE FOR HEATING OUTPUT
15	OUTDOOR SENSOR INPUT	9	COOLING STAGE 2 COMMON
A & N	240 VOLT AC SUPPLY	10	COOLING STAGE 2 OUTPUT
1	HEAT STAGE 2 COMMON	11	TWO POSITION ECONOMY CYCLE COMMON
2	HEATING STAGE 2 OUTPUT	12	TWO POSITION ECONOMY CYCLE OUTPUT