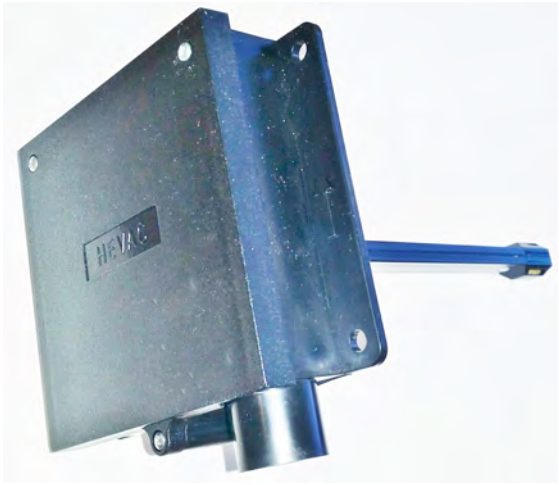


FRESH AIR HIGH LIMIT ELECTRONIC DUCT THERMOSTAT

HLD1

Features

- Australian Made and designed
- Power Supply 24V AC or DC
- 10 Amp (Resistive) Potential free relay contacts
- L.E.D Indication of all output status

Use

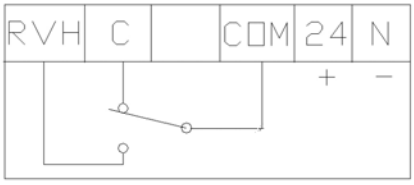
The HLD1 Thermostat is primarily designed for use as a O/A duct mount high limit fresh air thermostat, typically used to break a 0-10v dc Y economy cycle signal controlling the position of damper motors. Or to override the position of 2 position damper motors.
The output relay is voltage free permitting use on either 240, 24 AC circuits or DC control signal circuitry.
Switch point is adjustable with it's status displayed via red / green LED indicators.
The HLD1 thermostat is ideally suited for mounting in the fresh air intake duct as long as (at least minimum) air flow is always maintained during system operation.

Made in Australia
100% Australian Owned Company

Technical Data

General Specifications	Operating Voltage	24 Volts AC or DC
	Power Consumption	
	24 Volts	1 VA
	Switching Capacity of Relays	
	Voltage	AC 0….250 Volts
	Current	10 (3) A
	Setpoint Setting Range	16…28 oC
	Switching Differential	1 oC (NON Adjustable)
	Output Indication	
	Tripped	Red LED
	OK for cooling	Green LED
Environmental Conditions	Operation	
	Ambient Temperature	0...45oC
	Humidity	< 95 % RH (Non Condensing)
	Storage and Transport	
	Ambient Temperature	-5...65oC
	Humidity	< 90 % RH (Non Condensing)
Product Standards	C-tick	N10842
Weight	Including Packaging	150 grams
Housing	Colour	Black
	Material	ABS POLYCARB
	UV Stabilised	YES
	Fire Retardant	YES
	Size	L130mm x W120mm x D35mm
	Mounting Method	Duct mount, 4 screw locations

Terminal Designations



24	24 Volt Supply Active AC or DC
N	24 Volt Supply Neutral
COM	Relay common
C	N/C CONTACT (ok for cooling) = green led on
RVH	N/O CONTACT (hi-limit action) = red led on

Application Example's