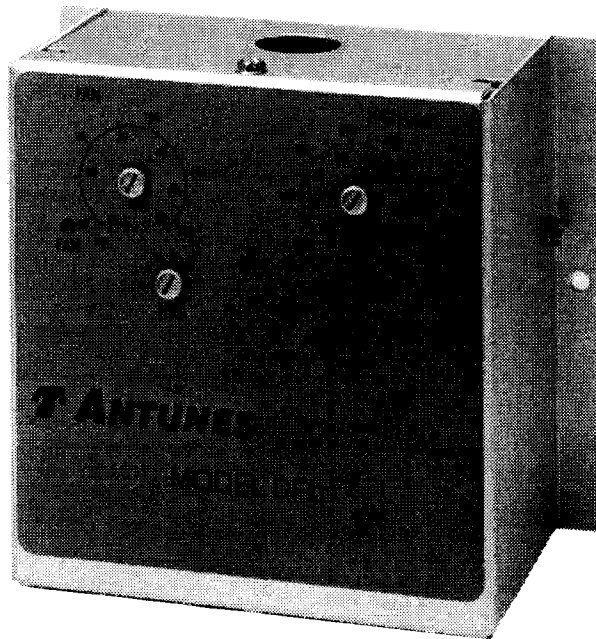


DUAL FAN & LIMIT CONTROL MODEL DFL



FEATURES:

- Electronic Control for Reliability
- 2 Controls in 1 Unit
- Thermistor Sensor - Durable, Ease of Installation
- Easily Adjustable Differential
- Can Be Mounted in the Electrical Panel
- Accuracy: + or -3°F of Set Point
- UL and CSA Approved
- Price Competitive

UNIT ACTS AS A BLOWER CONTROL AND HIGH LIMIT CONTROL

The Antunes Controls' Model DFL combines the function of a warm air limit control with that of a single speed fan controller into one compact unit. The DFL has two (2) control relays: one which controls a fan or blower and the other which acts as a high limit controlling relay.

The warm air limit relay de-energizes when the air temperature exceeds a front panel adjustable "HIGH LIMIT" set point potentiometer. By using these relay contacts in your system, it will not be able to start until the air temperature drops below the warm air

limit setting.

The unit's fan control is designed to control a blower and when the air temperature exceeds the Front Panel "FAN" set point potentiometer a fan relay is energized. Once the air temperature falls below this fan set point temperature minus the Front Panel "HYS" potentiometer, the fan relay is de-energized. The HYS potentiometer acts as a differential Fan set point potentiometer with an adjustable range from 5 to 50°F.

SPECIFICATIONS

SENSOR: Thermistor
Length (10 Ft.)

ACCURACY: +/- 3°F of set point

POWER INPUT: 24 Vac
120 Vac or 230 Vac (Optional)

CONTROL OPERATION:

LOW LIMIT – Closes on Rise
HIGH LIMIT – Opens on Rise

OUTPUT RATINGS:

Two - SPST Relays
15 Amps @ 120 Vac
(Resistive Load)
SPDT (Optional)

TEMPERATURE RANGE:

FAN: 80° to 120°F (25° to 50°C)
HIGH LIMIT: 150° to 300°F (65°C to 145°C)

DIFFERENTIAL ADJUSTMENT RANGE:

FAN: 5 to 50°F
HIGH LIMIT: 1° to 15°F

OPERATING TEMPERATURE:

-30° TO 140°F (-35° TO 60°C)

CONNECTIONS: 1/4" Quick Connects

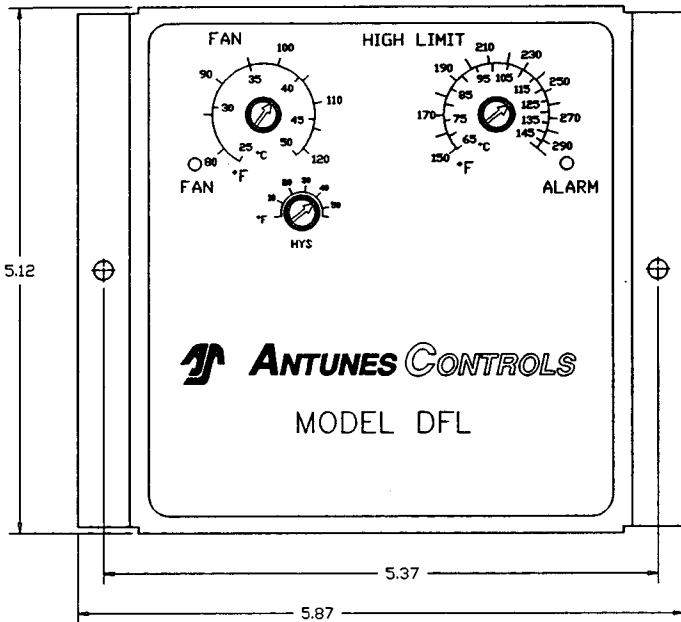
6" Wire Leads (Optional)

PACKAGE: Aluminum 5.1"L x 5.9"W x 3.1"D

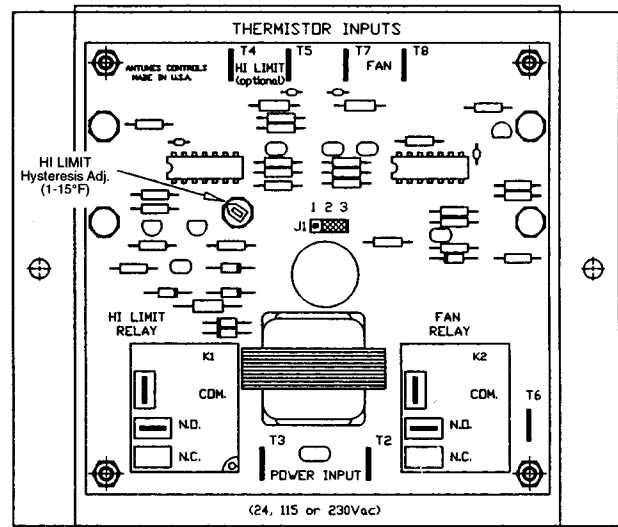
"C" Bracket
Enclosure w/conduit knockout (Optional)

DIMENSIONS IN INCHES

FRONT VIEW



BACK VIEW



LIMITATION OF LIABILITY. It is understood and agreed that seller's liability whether in contract, in tort, under any warranty, in negligence or otherwise shall not exceed the return of the amount of the purchase price paid by purchaser and under no circumstances shall seller be liable for

special, indirect or consequential damages. The price stated for the equipment is a consideration in limiting seller's liability. No action, regardless of form, arising out of the transactions may be brought by purchaser more than one year after the cause of action has accrued.

ANTUNES CONTROLS

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