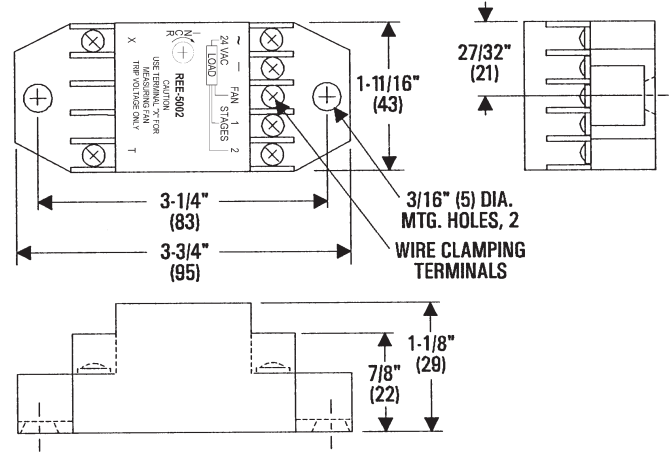
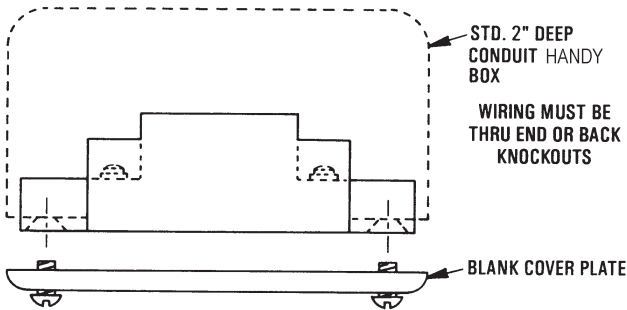


## Installation Guide

### Mounting

The REE-5002 may be mounted directly to a control box surface or in a 2 x 4" electrical handy box. Add a blank cover to conceal the module if desired.



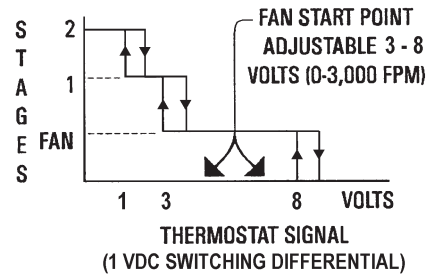
### Connections and Wiring

Connect as shown below and/or in the sample illustration on the next page. Supply the relay with 24 VAC, +20%/-15%. (Use wire size of 14 to 22 AWG, stranded.)

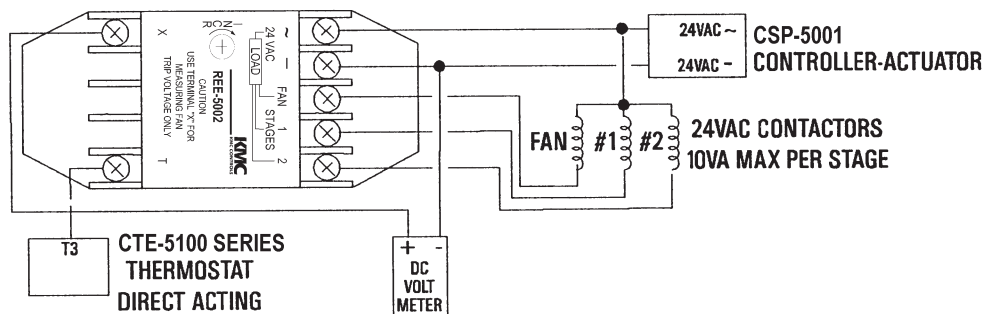
**NOTE: Triac outputs are for 24 VAC loads only.**

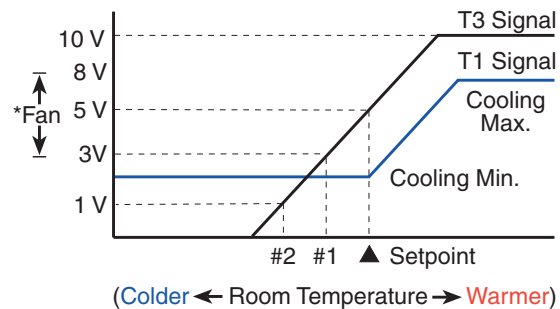
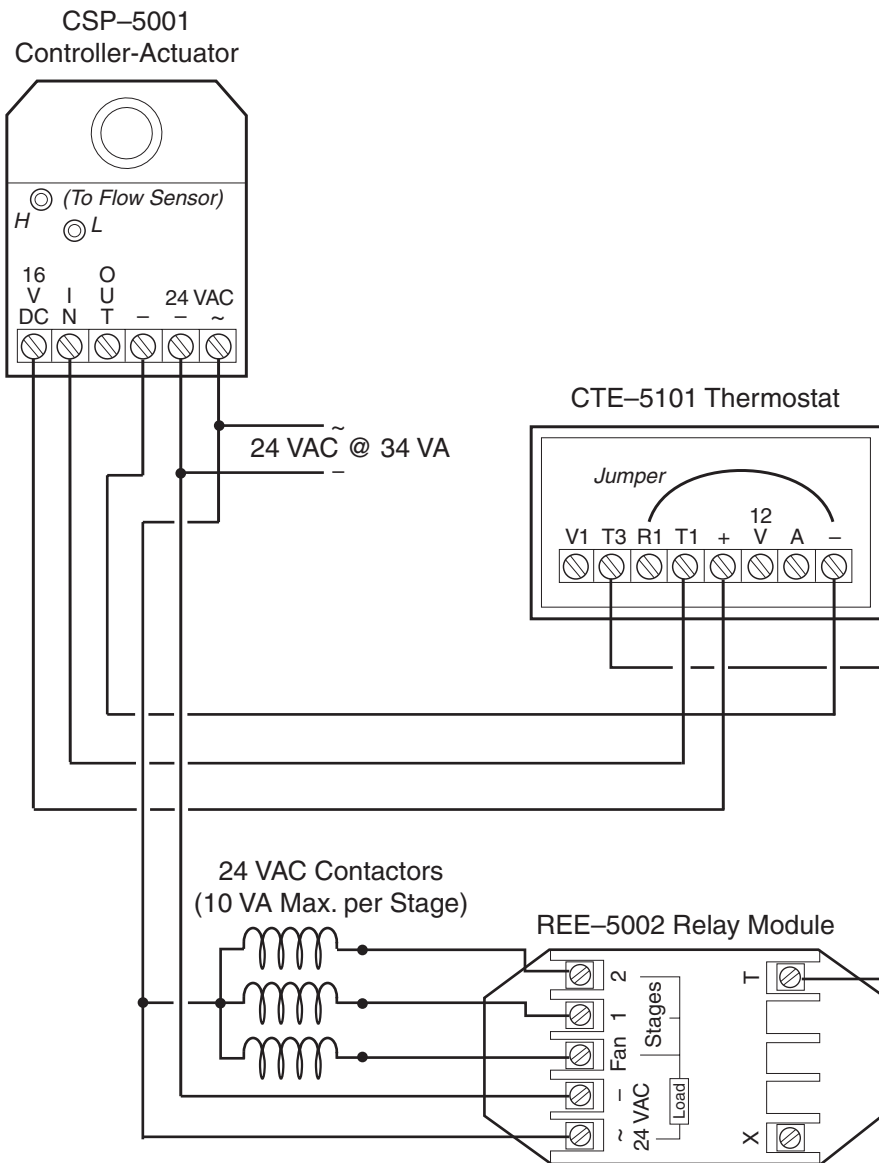
Check the graph for thermostat signal setpoints and corresponding stages. Stage 2 turns on at 1 VDC, Stage 1 at 3 VDC, and the Fan at an adjustable level between 3 and 8 VDC.

To adjust the Fan start point, connect a voltmeter between the X and - terminals and then adjust the potentiometer accordingly.



**NOTE:** There is a 1 VDC switching differential on each stage.





NOTE: For more information about this CSP-5001 and CTE-5101 example, see the CSP-5001/5002 VAV Flow Controller-Actuators Application Guide.

NOTE: Triac outputs are for 24 VAC loads only.

NOTE: The phase side of the transformer connects to the "common" side of the load (contactors).

## Troubleshooting

- Check the wiring.
- Check the voltage from the thermostat/controller (measured from Terminal T to Terminal -/Neutral). (See the voltage charts above and on the previous page.)
- Check the voltage across the triac and load. (See the chart below.)

Stage Status	Normal Triac Voltage (Approximate, and With Load)	
	Across Load (Terminal ~/Phase to Terminal Fan, 1, or 2)	Across Triac (Terminal ~/Neutral to Terminal Fan, 1, or 2)
On	24 VAC	1 VAC
Off	0 VAC	24 VAC

## Maintenance

No routine maintenance is required, however protection from extremes of humidity and dirt is recommended. Careful installation will also ensure long term reliability and performance.

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