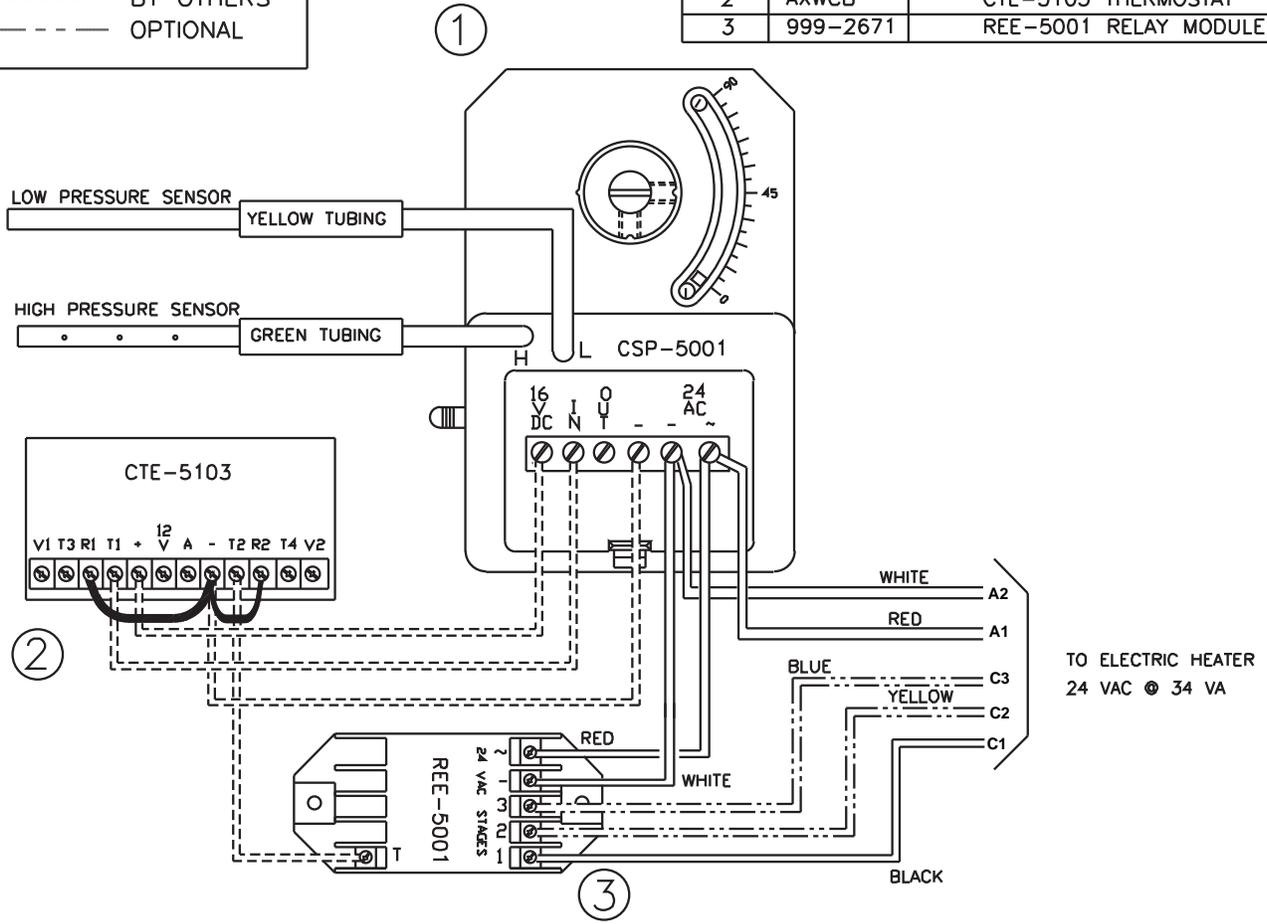


Imperial [IP] Dimensions  
Metric (SI) in Parentheses

CARNES COMPANY 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone: (608)845-6411 Fax: (608)845-6504 www.carnes.com

\_\_\_\_\_ BY CARNES  
 - - - - - BY OTHERS  
 - · - · - · OPTIONAL

| ITEM | PART NO. | DESCRIPTION                  |
|------|----------|------------------------------|
| 1    | 999-2661 | CSP-5001 CONTROLLER/ACTUATOR |
| 2    | AXWCB    | CTE-5103 THERMOSTAT          |
| 3    | 999-2671 | REE-5001 RELAY MODULE        |



### SEQUENCE OF OPERATION

ON A CALL FOR COOLING, AIRFLOW WILL INCREASE AS THE DAMPER OPENS TOWARDS THE MAXIMUM CFM SETTING TO SATISFY ROOM SET-POINT.

ON A CALL FOR HEATING, AIRFLOW WILL DECREASE AS THE DAMPER CLOSES TOWARDS THE MINIMUM CFM SETTING TO SATISFY ROOM SET-POINT.

WITH A FURTHER CALL FOR HEAT, AIRFLOW IS AT MINIMUM CFM AND HEATING STAGE ONE (C1) IS ENERGIZED AT THE HEATING SET-POINT. IF ADDITIONAL HEAT IS REQUIRED, THE SECOND (C2) AND THIRD (C3) STAGES OF HEAT ARE ENERGIZED. HEATING STAGES ARE DEENERGIZED AS ROOM TEMPERATURE INCREASES. AIRFLOW WILL INCREASE TO SATISFY ROOM SET-POINT.

### CONTROL DIAGRAM

