

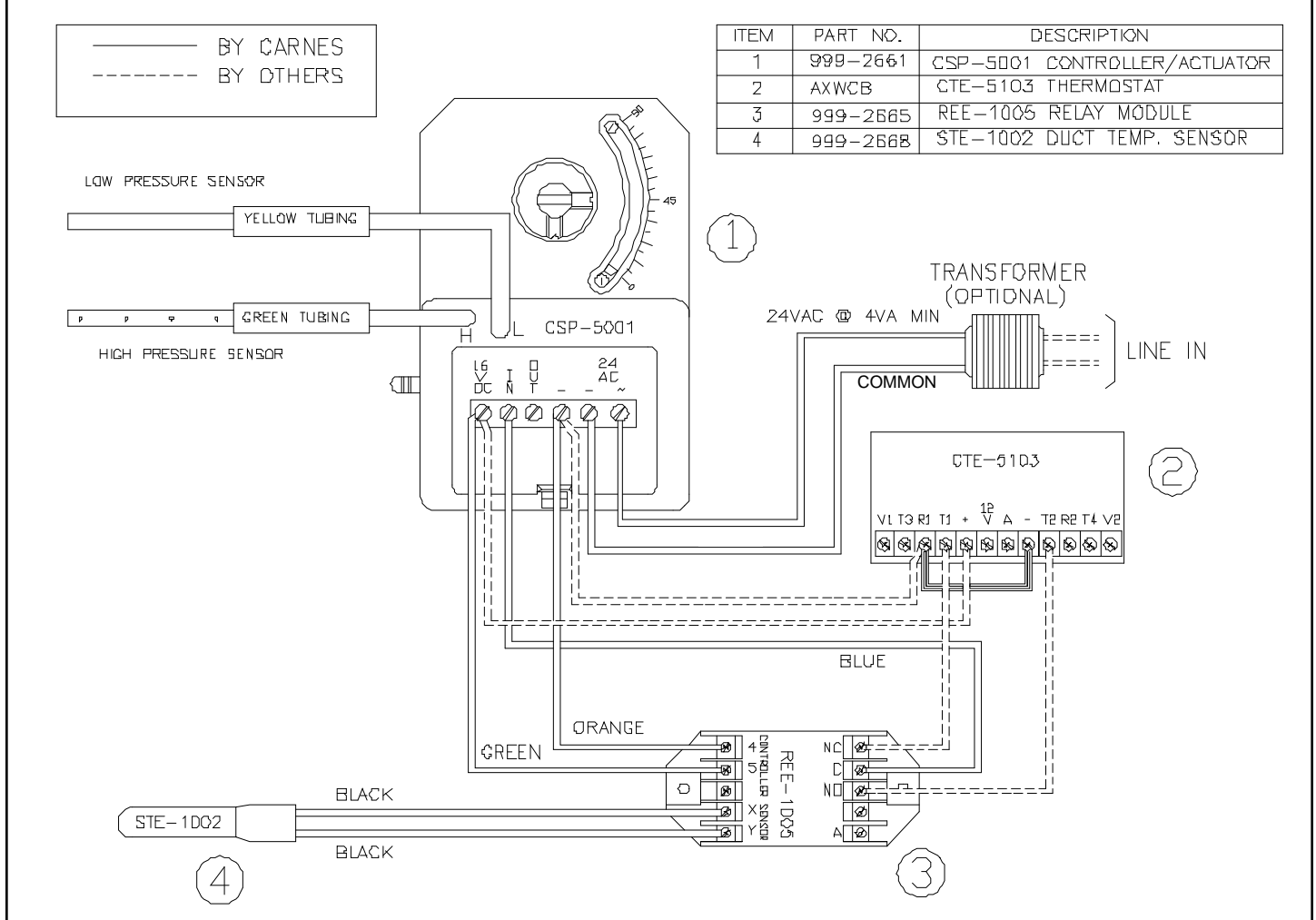
SPECIFICATION SHEET

SINGLE DUCT AIR TERMINAL WITH AUTO COOLING/HEATING CHANGE-OVER

ANALOG ELECTRONIC CONTROLS

EL - CONTROL OPTION

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



SEQUENCE OF OPERATION

COOLING: DUCT TEMP BELOW 77°F ± 4'

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

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

HEATING: DUCT TEMP ABOVE 77 F ± 4'

WARM AIR IS SENSED BY THE DUCT TEMPERATURE SENSOR (STE-1002) AND THE AUTOMATIC CHANGE-OVER TO HEATING IS ACTIVATED

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

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

CONTROL DIAGRAM

