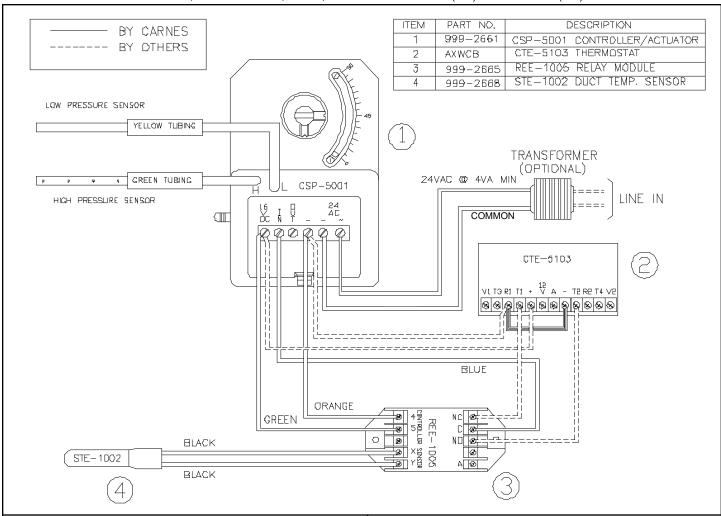


SPECIFICATION SHEET

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 TOWARD THE MAXIMUM COOLING CFW SETTING TO SATISFY ROOM SET-POINT

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

HEATING: DUCT TEMP ABOVE 77 F ± 4"

WARN AIR IS SENSED BY THE DUCT TEMPERATURE SENSOR (STE-1DD2) AND THE AUTOMATIC CHANGEDVER 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 OFM SETTING TO SATISFY ROOM SETTING TO SATISFY ROOM SETTING TO SATISFY ROOM

CONTROL DIAGRAM MAX FLOW CFM MIN T.R. HTG. SPACE TEMPERATURE S.P. = SET POINT TR = THROTTLING RANGE

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SUPERSEDES 20172-A

20172-B