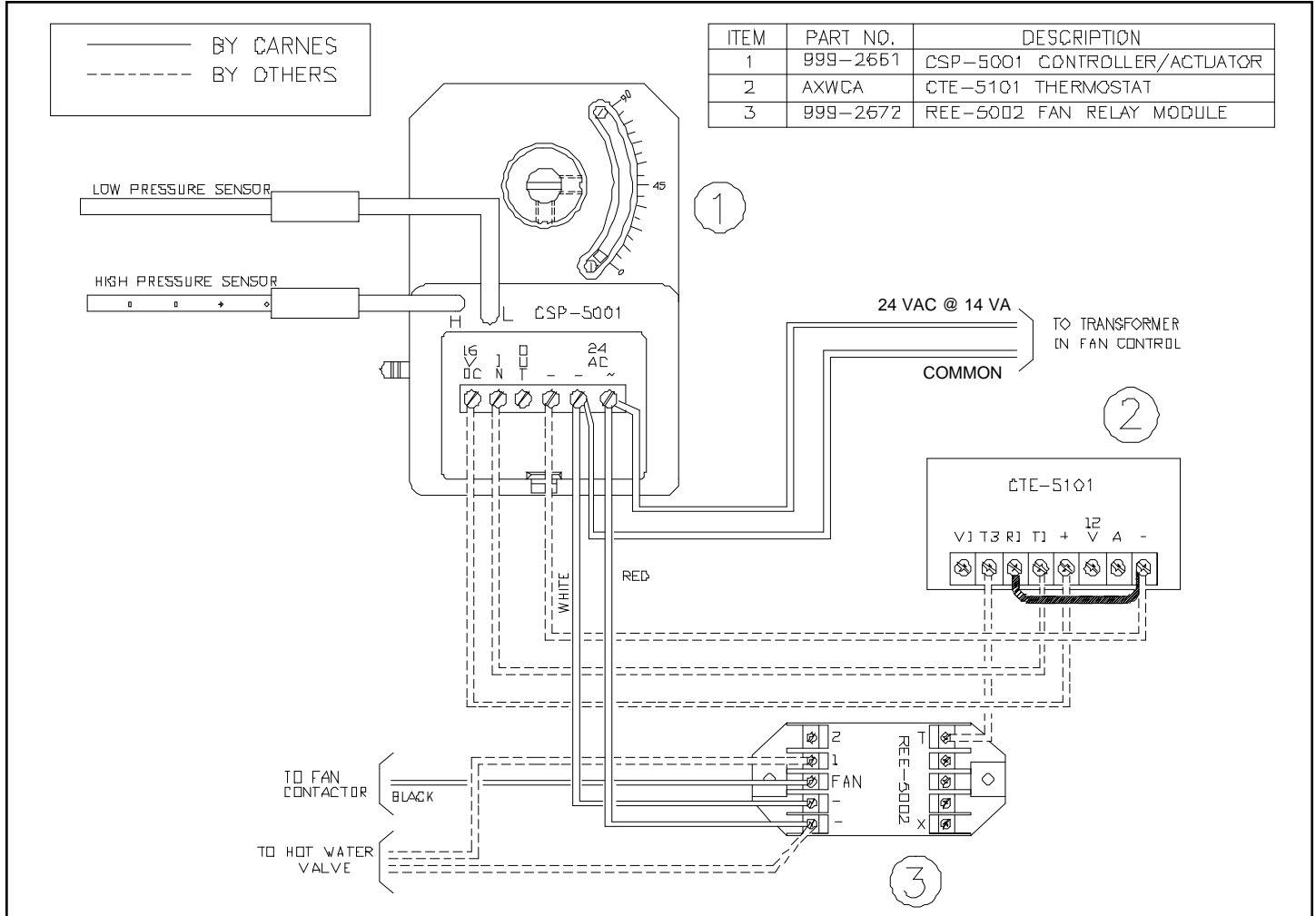


### INTERMITTENT FAN POWERED AIR TERMINAL WITH HOT WATER REHEAT ANALOG ELECTRONIC CONTROLS ET - CONTROL OPTION

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

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, DAMPER WILL REMAIN AT MINIMUM CFM AND FAN WILL BE ENERGIZED TO INDUCE WARM PLENUM AIR THROUGH THE UNIT.

IF ADDITIONAL HEAT IS REQUIRED, THE HOT WATER COIL VALVE (HW) WILL BE ENERGIZED.

AS ROOM TEMPERATURE INCREASES THE WATER COIL AND FAN ARE SEQUENCED OFF AND THE PRIMARY AIR INCREASES TO SATISFY ROOM SET-POINT.

#### CONTROL DIAGRAM

