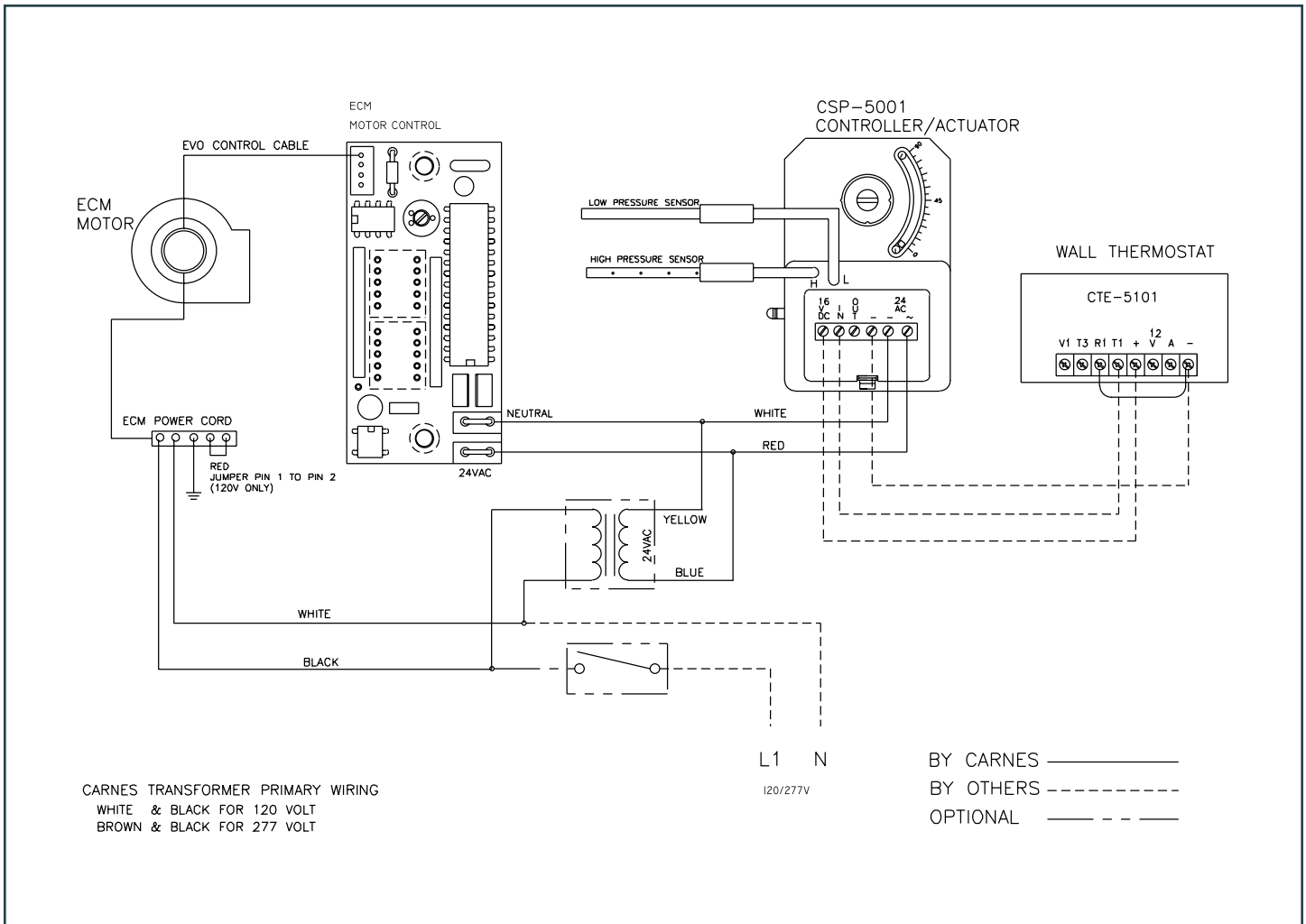


CARNES COMPANY, 448 S. Main St., P. O. Box 930040, Verona, WI. 53593-0040 Phone: 608/845-6411 Fax: 608/845-6470 E-Mail: carnes@carnes.com http://www.carnes.com



SEQUENCE OF OPERATION

THE TERMINAL UNIT FAN RUNS CONTINUOUS TO PROVIDE CONSTANT AIRFLOW TO THE ROOM.

ON A CALL FOR COOLING THE PRIMARY DAMPER OPENS TOWARDS THE MAXIMUM CFM SETTING TO SATISFY ROOM SET-POINT. AT MAXIMUM PRIMARY CFM THE FAN WILL DELIVER 100% PRIMARY AIR TO THE SPACE.

ON A CALL FOR HEATING THE PRIMARY DAMPER CLOSES TOWARDS THE MINIMUM CFM SETTING. AS THIS OCCURS, PLENUM AIR IS INDUCED TO MAINTAIN CONSTANT AIRFLOW AND SATISFY ROOM SET-POINT.

CONTROL DIAGRAM

