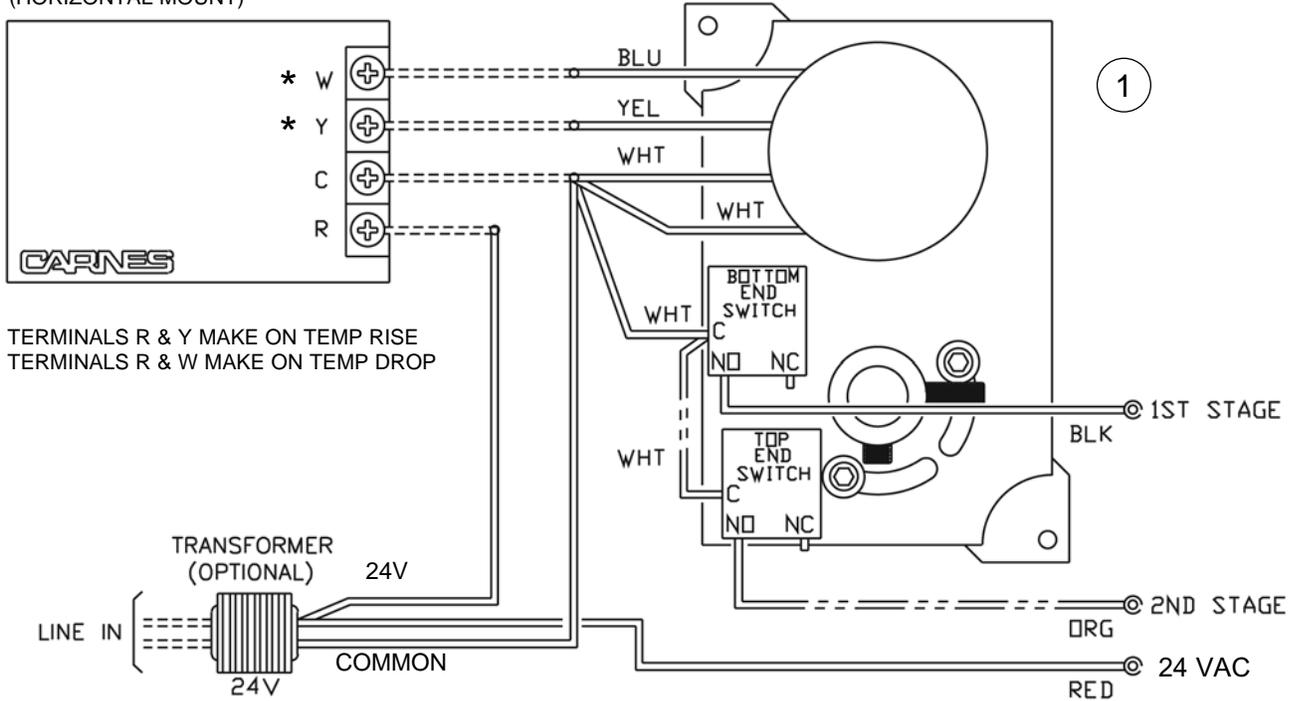


ITEM	PART NO.	DESCRIPTION
1	AXBAB	ACTUATOR (ONE END SWITCH)
1	AXBAC	ACTUATOR (TWO END SWITCH)
2	AXWBE	ELECTRIC THERMOSTAT

**2** \* FOR MODELS AB (BYPASS) WITH LEFT HAND CONTROLS (ER2C, EK2C), "W" GOES TO THE "YELLOW" WIRE, "Y" GOES TO THE "BLUE" WIRE.

(HORIZONTAL MOUNT)



### SEQUENCE OF OPERATION

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

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

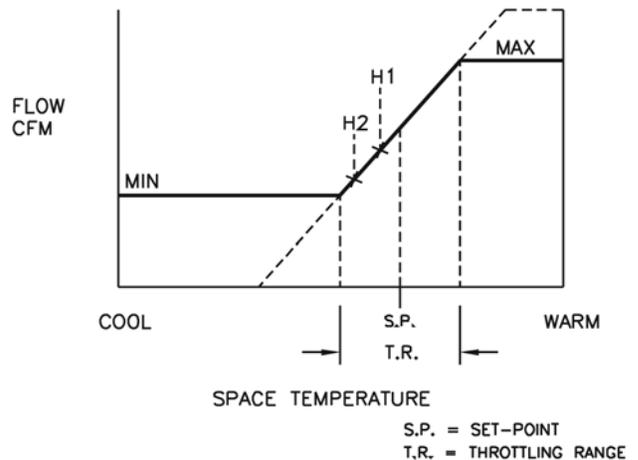
AS THE DAMPER CLOSES, FIELD ADJUSTABLE CAMS WILL ACTIVATE END SWITCHES WHICH WILL ENERGIZE UP TO TWO STAGES OF REHEAT SEQUENCING.

THE "ER" OPTION HAS ONE END OF SWITCH TO ACTIVATE STAGE ONE (H1).

THE "EK" OPTION HAS TWO END SWITCHES, ONE FOR EACH STAGE ONE (H1) AND STAGE TWO (H2).

THE MAXIMUM AND MINIMUM SETTINGS ARE DETERMINED BY FIELD ADJUSTED MECHANICAL STOPS.

### CONTROL DIAGRAM



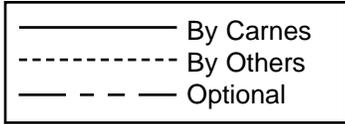
## SPECIFICATION SHEET

### SINGLE DUCT AIR TERMINAL - w/ELECTRIC REHEAT

#### PRESSURE DEPENDENT ELECTRIC CONTROLS

**ER — CONTROL OPTION (ONE-STAGE)**  
**EK — CONTROL OPTION (TWO STAGE)**

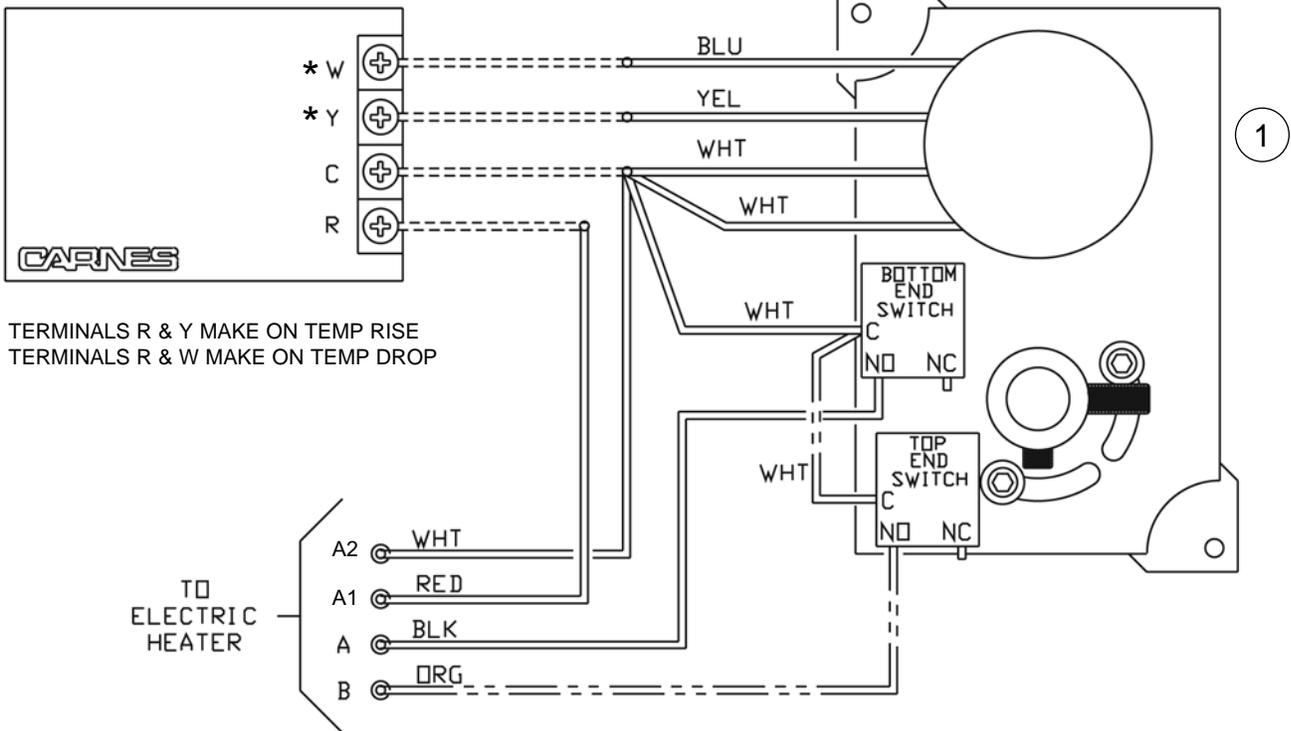
CARNES COMPANY 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone: (608)845-6411 Fax: (608)845-6470 www.carnes.com



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

AS THE DAMPER CLOSES, FIELD ADJUSTABLE CAMS WILL ACTIVATE END SWITCHES WHICH WILL ENERGIZE UP TO TWO STAGES OF ELECTRIC HEAT.

THE "ER" OPTION HAS ONE END OF SWITCH TO ACTIVATE STAGE ONE (H1).

THE "EK" OPTION HAS TWO END SWITCHES, ONE FOR EACH STAGE ONE (H1) AND STAGE TWO (H2).

THE MAXIMUM AND MINIMUM SETTINGS ARE DETERMINED BY FIELD ADJUSTED MECHANICAL STOPS.

### CONTROL DIAGRAM

