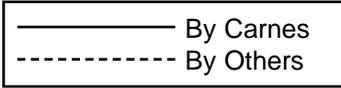


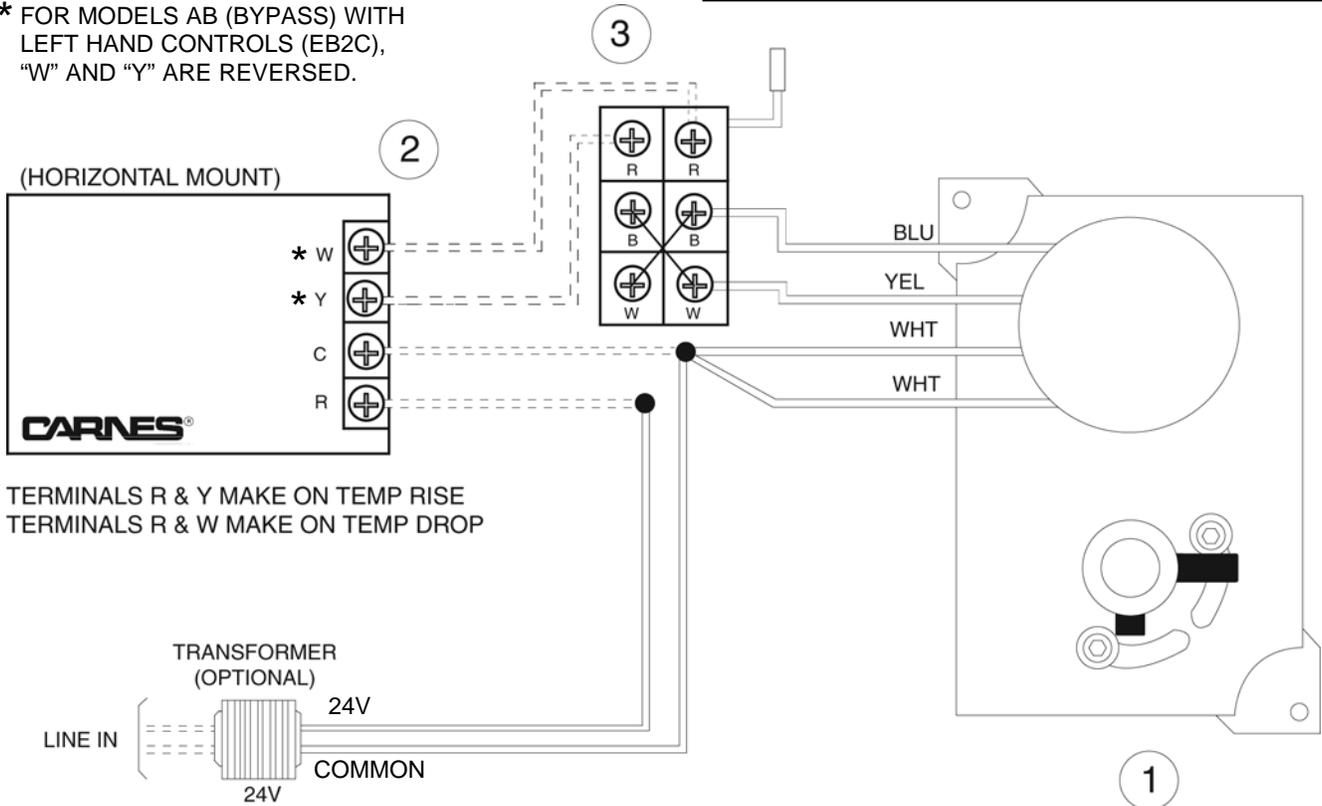
Imperial [IP] Dimensions  
Metric (SI) in Parentheses

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



ITEM	PART NO.	DESCRIPTION
1	AXBAA	ACTUATOR
2	AXWBE	ELECTRIC THERMOSTAT
3	AXBAJ	CHANGEOVER THERMOSTAT

\* FOR MODELS AB (BYPASS) WITH LEFT HAND CONTROLS (EB2C), "W" AND "Y" ARE REVERSED.



### SEQUENCE OF OPERATION

#### COOLING CYCLE:

On a call for cooling, airflow will increase as the damper opens towards the maximum setting to satisfy room set-point.

On a call for less cooling, airflow will decrease as the damper closes towards the minimum setting to satisfy room set-point.

#### HEATING/MORNING WARM-UP CYCLE:

Warm air sensed by the duct mounted sensor of the changeover thermostat. This reverses the action of the zone thermostat and switches damper rotation.

On a call for heating, airflow will increase as the damper opens towards the maximum setting to satisfy room set-point.

On a call for less heating, airflow will decrease as the damper closes towards the minimum setting to satisfy room set-point.

The maximum and minimum settings are determined by field adjusted mechanical stops.

### CONTROL DIAGRAM

