



02/16

537710-03

WIRING DIAGRAM

02/16

537710-03

UNIT DIAGRAM

ZGA 036,048,060,072,074

ZGB 036,048,060,074

SECTION ALL

REV. 0

Supersedes 537710-02

New Form No. 537710-03

- ▲ THERMOSTAT/SENSOR SUPPLIED BY USER
- ▲ TIME CLOCK CONTACTS (OPT) CLOSED OCCUPIED
- ▲ OUTDOOR AIR TEMPERATURE SENSOR RT26 OR OUTDOOR AIR ENTHALPY SENSOR A7 MAY BE USED. MAKE CONNECTION AS SHOWN.
- ▲ K72 AND G.V1 2 STG ARE USED ON TWO STAGE UNITS.
- ▲ ADD J21, P21 AND S43 FOR TWO STAGE LIQUID PROPANE UNITS.
- ▲ PROGRAMMABLE. USE FOR EXHAUST FAN 2 OUTPUT OR ERV OR SYSTEM ALARM OUTPUT.
- ▲ ZGA 036,048,060 ONL.Y.
- ▲ ZGA 036,048,060 ONL.Y.
- ▲ ZGB MODELS ONL.Y.
- ▲ ZGA 072,DL48 NOT USED.
- ▲ SEE SECTION E, DIAGRAMS FOR 2 SPEED BELT DRIVE SYSTEMS.
- ▲ T3 USED ON 800V UNITS
- ▲ P.Y VOLT T1 WITH 208V TAP
- ▲ T3 USED ON 480V AND 600V UNITS
- ▲ LOW AMBIENT KIT

NOTE - FOR USE WITH COPPER CONDUCTORS ONLY. REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT CAPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.

IMPORTANT: TO PREVENT MOTOR BURNOUT, NEVER CONNECT MORE THAN ONE MOTOR LEAD TO ANY ONE CONNECTION. TAPE UNUSED MOTOR LEADS

INDICATES MICRO PROCESSOR

DESIGNATES OPTIONAL WIRING

CLASS II FIELD WIRING

15 << BROWN

14 << BROWN

13 << BROWN

12 << BROWN

11 << BROWN

10 << RED

9 << RED

8 << RED

7 << COMMON

6 << RED

5 << RED

4 << RED

3 << RED

2 << RED

1 << RED

15 << BROWN

14 << BROWN

13 << BROWN

12 << BROWN

11 << BROWN

10 << RED

9 << RED

8 << RED

7 << COMMON

6 << RED

5 << RED

4 << RED

3 << RED

2 << RED

1 << RED