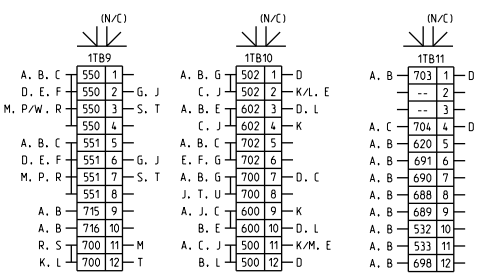
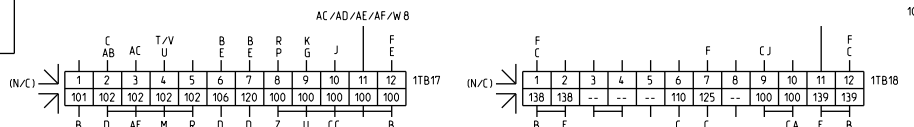


TRANE
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO ANY OTHER PARTIES WITHOUT THE CONSENT OF TRANE.

DRAWN BY: D SHANNON
REVISION DATE: 10-29-09

FILE NUMBER: 2309-3703
DRAWING NUMBER: ROOFTOP PACKAGED AIR CONDITIONER DIAGRAM
SHEET: 1 OF 1
REV: P

CONNECTIONS - CONTROL BOX
AIR COOLED W/ SUPPLY & EXHAUST/RETURN VFD (90T-150T)
SHEET 1 OF 4



- NOTES
- JUMPER BETWEEN 1TB16-13 AND 1TB16-14 REQUIRED FOR 2-STAGE NATURAL GAS HEAT (<1800 MBH) OR ELECTRIC HEAT ONLY.
 - 1TB7 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS 0-5V MODULE ONLY.
 - 1TB8 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS 0-10V MODULE ONLY.
 - REMOVE JUMPER BETWEEN 1TB13-23 AND 1TB13-24 WHEN HIGH DUCT TEMP T-STAT (4517 & 8517) IS ORDERED.
 - 1F25, 1F26, AND 15B AND ASSOCIATED WIRING REQUIRED FOR CONVENIENCE OUTLET OPTION ONLY.
 - WIRES 1AB, 2AB AND 3AB ARE ONLY REQUIRED FOR SPECIFIC ELECTRIC HEATER CONFIGURATIONS. SEE APPLICABLE HEATER SCHEMATIC.
 - REMOVE JUMPER BETWEEN 1TB4-15 AND 1TB4-16 WHEN A REMOTE EMERGENCY STOP SWITCH IS USED.
 - 1TB29 NOT AVAILABLE WHEN BOTH 0-5V GBAS AND 0-10V GBAS ARE INSTALLED. IF A SINGLE GBAS IS INSTALLED, 1TB29 WILL OCCUPY THE POSITION WHERE THE TERMINAL BLOCK SUPPORTING THE SECOND GBAS WOULD BE PLACED. (SEE INSET 1A)
 - 154 (V.F.D. BYPASS SWITCH) AND ASSOCIATED WIRING AVAILABLE ONLY ON UNITS WITH SUPPLY VFD WITH BYPASS.
 - 155 (V.F.D. BYPASS SWITCH) AND ASSOCIATED WIRING AVAILABLE ONLY ON UNITS WITH EXHAUST/RETURN VFD WITH BYPASS.
 - CIRCUIT BREAKERS CB1, CB2, CB3 & CB4 MUST CONNECT TO COLORED AUX CONTACT WIRES (BLU/YEL (COM) AND YEL (NO) WHEN SHORT CIRCUIT WITHSTAND RATING (SCWR) IS CHOSEN AS AN OPTION.
 - FOR RETURN FAN INSTALL JUMPER BETWEEN 1TB13-11 & 1TB13-12. FOR EXHAUST FAN PROVIDE INSTALL WIRES 548B AND 549B.

