ENTERING WATER TEMP SENSOR
FLD INSTALLED DAT SENSOR
FLD INSTALLED RH SENSOR

5RT1

7RT1

7E3

WIRING SHOWN IS FOR BCHE/BCVE WITH LOW

LIMIT/FREEZE STAT.
FOR UNITS WITHOUT LOW LIMIT/FREEZESTAT OR WITHOUT
COILS, THERE IS NO FACTORY WIRED LOW
LIMIT/FREEZESTAT SWITCH.

LIMIT/FREEZE STAT.

COL

BCXE

400-B

G^R€

100

123 123

75

103 104

105 -

106 107 -

108 -

109 —

110 —

111-

112 -

113 —

114 -

116 —

117 —

118 —

119 -

120 -

121-122 -

123 -

124 —

125 -

126 -

127 —

128 -129 -

130 -

131—

132 -

133 —

134

135 -

136 -

137 —

138 —

139 -

140 —

141-

142 -

143 —

144 —

145 -

146 —

ECM Engine

Module (Blue)

1U4 (BLUE)

INSET "A" ELECTRIC HEAT

4

5

11 (15)

20

11 (15

24

J11-1 J11-2 J11-3 J11-4

J2-9 (CI2 RPM) >>>

J2-3 (AO2 PWM) >>>

PUR 24V

BLK IN

BLK 0V

GRY GND

24VGND IN OV

PUR 24V

24VGND IN 0V 3 4

6U2 24VGND IN OV

EL HT CTRL BOX

BLK IN

BLK OV

4 ELECTRIC HEAT SCHEMATIC IS LOCATED IN THE ELECTRIC HEAT CONTROL BOX PANEL.

WIRING SHOWN IS FOR TWO STAGE ELECTRIC HEAT.
FOR SINGLE STAGE EH , SCR ELECTRIC HEAT SINGLE
PHASE AND SCR ELECTRIC HEAT THREE PHASE, SEE INSET
"A".

WIRING SHOWN IS FOR TWO STAGE ELECTRIC HEAT.
FOR SINCLE STAGE EH , SCR ELECTRIC HEAT SINGLE
PHASE AND SCR ELECTRIC HEAT THREE PHASE, SEE INSET
SUPPLIED WITH THE SENSOR.

12 COMMUNICATION WIRE MUST BE TRANE PART NO.

COMMUNICATION WHE MUST BE TRANE PART NO. 400-20-28, OR WINDY CITY OR CONNECT AIR "LEVEL 4" CABLE. MAXIMUM OF 4500 FOOT AGGREGATE RUN. CAUTION DO NOT RUN POWER IN THE SAME CONDUIT OR WIRE BUNDLE WITH COMMUNICATION LINK. FOR ADDITIONAL INFORMATION REFER TO EMTX-EB-68.