

- 1 ALL WIRING AND DEVICES SHOWN DASHED TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES.
- 2 IF ANY OF THE ORIGINAL WIRE, AS SUPPLIED WITH THIS UNIT, MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C AND 600V.
- 3 THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS. ALL MOTORS HAVE INTERNAL OVERLOAD PROTECTION. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.
- 4 REQUIRED FOR OPTIONAL REFERENCE ENTHALPHY CONTROL.
- 5 REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPHY CONTROL.
- 6 OPTIONAL M.S., R.A.S., R.H.S., Q.H.S., Q.A.E., D.A.E. AND ASSOCIATED WIRING NOT USED WITH MOTORIZED (NON-MODULATING) OR MANUAL OUTSIDE AIR DAMPER.

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	V (PR)	PURPLE
BL	BLUE	R	RED
BR	BROWN	TN	TAN
G	GREEN	W	WHITE
O	ORANGE	Y	YELLOW
PK	PINK	GY	GRAY

IMPORTANT!
DO NOT ENERGIZE UNIT
UNTIL CHECK-OUT AND
START-UP PROCEDURE HAS
BEEN COMPLETED.

CAUTION

USE COPPER CONDUCTORS ONLY!

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT
OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES
POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT
ENDOMMAGER L'ÉQUIPEMENT.

PRECAUCIÓN

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

TRANE THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.		FILE NUMBER: 12134170	DRAWING NUMBER: 12134174	SHEET: 1 of 1	REV
DRAWN BY: YASHRAJ NM		FOUNDATION			
TRANE @ DATE: 25-JUN-2021		D I A G R A M			
REPLACES: 1213229-C		CONNECTIONS - RACEWAY			
REVISION DATE: 11-01-2022		208V/230V. 2 STAGE GAS HEAT 3T-5T			
CAD SYSTEM USED: CREO		11-02-2022			

DEVICE DESIGNATION	LEGEND
CCH	CRANKCASE HEATER
CO2	CO2 SENSOR
COF	CONDENSATE OVERFLOW SWITCH
CPR	COMPRESSOR
DISC	SINGLE POINT DISCONNECT
DTL	SWITCH - DISCHARGE TEMP LIMIT
ECA	ECONOMIZER CONTROL ACTUATOR
ECON	MODULE ULTRA LOW-LEAK ECONOMIZER
FD	FLAME DETECTOR
FOS	FROSTAT SWITCH
FR	FLAME ROLLOUT
FTB	INDOOR FAN HARNESS CONNECTION
GV	VALVE - GAS
HPC	SWITCH - HIGH PRESSURE
IDM	INDOOR BLOWER MOTOR
IGN	MODULE - GAS IGNITION
LAT	LOW AMBIENT TEMP SENSOR
LBI	SENSOR LIQUID LINE TEMPERATURE
LPBP	LOW-PRESSURE BYPASS TIME DELAY RELAY
LPC	SWITCH - LOW PRESSURE
LVC	LOW VOLTAGE (24V) COMMON
MAS	SENSOR MIXED AIR TEMP
MY	GAS - MAIN VALVE
DAE	SENSOR OUTDOOR AIR TEMP / HUMIDITY
DAH	SENSOR OUTSIDE AIR HUMIDITY
DAT	SENSOR OUTDOOR AIR TEMP
ODM	OUTDOOR FAN MOTOR
OHS	SENSOR OUTSIDE AIR HUMIDITY
PHM	MODULE - PHASE MONITOR
PS	PRESSURE SWITCH
RAE	RETURN AIR TEMP AND HUMIDITY
RAH	SENSOR RETURN AIR HUMIDITY
RAS	SENSOR RETURN AIR TEMP
RHS	SENSOR RETURN AIR HUMIDITY
RTM-EM	MODULE RELATIEL ECONOMIZER
TCO	TEMP CUTOUT

