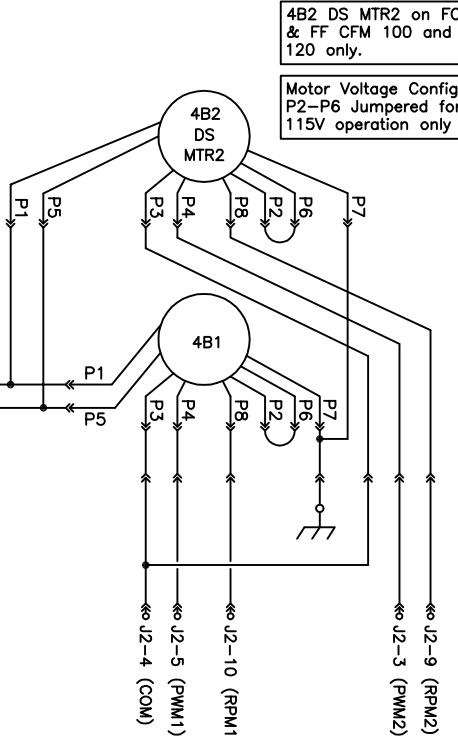


SINGLE PHASE
(FANCOIL & FORCFLO VOLT = 1,2,3,4 AND 9)
(LOW VERTICAL VOLT = 1)



NOTICE
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT
OTHER TYPES OF CONDUCTORS.
FAILURE TO DO THE ABOVE COULD RESULT IN
EQUIPMENT DAMAGE.

AVIS
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES
POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
FAIRE DÉFAUT À LA PROCÉDURE CI-DESSUS PEUT
ENTRAÎNER DES DOMMAGES À L'ÉQUIPEMENT.

AVISO
UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS
PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
NO SEGUIR LAS INSTRUCCIONES ANTERIORES PUEDE
PROVOCAR DAÑOS EN EL EQUIPO.

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER
INCLUDING REMOTE DISCONNECTS AND
FOLLOW LOCK OUT AND TAG PROCEDURES
BEFORE SERVICING. INSURE THAT ALL
MOTOR CAPACITORS HAVE DISCHARGED
STORED VOLTAGE. UNITS WITH VARIABLE
SPEED DRIVE, REFER TO DRIVE
INSTRUCTIONS FOR CAPACITOR DISCHARGE.
FAILURE TO DO THE ABOVE BEFORE
SERVICING COULD RESULT IN DEATH OR
SERIOUS INJURY.

AVERTISSEMENT
TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET
OUVRIR LES SECTIONNEURS À DISTANCE,
PUIS SUIVRE LES PROCÉDURES DE
VERROUILLAGE ET DES ÉTIQUETTES AVANT
TOUTE INTERVENTION. VÉRIFIER QUE TOUS
LES CONDENSATEURS DES MOTEURS SONT
DÉCHARGÉS. DANS LE CAS D'UNITÉS
COMPORTANT DES ENTRAINEMENTS À
VITESSE VARIABLE, SE REPORTER AUX
INSTRUCTIONS DE L'ENTRAÎNEMENT POUR
DÉCHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE
PRÉCAUTION PEUT ENTRAÎNER DES
BLESSURES GRAVES POUVANT ÊTRE
MORTELLES.

ADVERTENCIA
¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA,
INCLUIDO LAS DESCONEXIONES REMOTAS Y
SIGA LOS PROCEDIMIENTOS DE CIERRE Y
ETIQUETADO ANTES DE PROCEDER AL
SERVICIO. ASEGÚRESE DE QUE TODOS
LOS CAPACITORES DEL MOTOR HAYAN
DESCARGADO. EL VOLTAJE ALMACENADO.
PARA LAS UNIDADES CON EJE DE
DIRECCIÓN DE VELOCIDAD VARIABLE,
CONSULE LAS INSTRUCCIONES PARA LA
DESCARGA DEL CONDENSADOR.
EL NO REALIZAR LO ANTERIORMENTE
INDICADO, PODRÍA OCASIONAR LA MUERTE
O SERIAS LESIONES PERSONALES.

DEVICE	PREFIX	LOCATION	CODE
AREA		LOCATION	
1		CONTROL PANEL	
2		CONTROL END	
3		PIPING END	
4		FAN SECTION	
5		COIL SECTION	
6		CUSTOMER INSTALLED	
7		FIELD SUPPLIED DEVICE	

VOLTAGE SELECTION						
DIGIT	DIGIT VALUE	DESCRIPTION	WIRE #1	WIRE #2	WIRE #3	WIRE #4
VOLT	1	115V/60HZ/1PH	L1/BLK	N/WHT	1AA/BLK	2AA/WHT
VOLT	2	208V/60HZ/1PH	L1/BLK	L2/BLK	1AA/BLK	2AC/BLK
VOLT	3	277V/60HZ/1PH	L1/BLK	N/WHT	1AA/BLK	2AA/WHT
VOLT	4	230V/60HZ/1PH	L1/BLK	L2/BLK	1AA/BLK	2AC/BLK
VOLT	9	220-240/50/1	L1/BLK	N/WHT	1AA/BLK	2AA/WHT

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1S1	DISCONNECT SWITCH	13
1TB1	EH TERMINAL BLOCK	20
4B2	MOTOR 2	25
4B1	MOTOR 1	29
1T1	TRANSFORMER	37

REVISION	REVISION DATE	LINE NUMBER	SCHEMATIC DIAGRAM
REV A	12-APRIL-2017	2311-4672	FANCOIL/ FORCFLO / LOW VERTICAL HIGH VOLTAGE Schematic SINGLE PHASE VARIOUS CONTROLLER
REV B	01-JUN-2017	2311-4672	FANCOIL/ FORCFLO / LOW VERTICAL HIGH VOLTAGE Schematic SINGLE PHASE VARIOUS CONTROLLER
REV C	01-JUN-2017	2311-4672	FANCOIL/ FORCFLO / LOW VERTICAL HIGH VOLTAGE Schematic SINGLE PHASE VARIOUS CONTROLLER
REV D	01-JUN-2017	2311-4672	FANCOIL/ FORCFLO / LOW VERTICAL HIGH VOLTAGE Schematic SINGLE PHASE VARIOUS CONTROLLER

NOTES:

1. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY., WITH ALL UTILITIES TURNED OFF, AND AFTER NORMAL SHUTDOWN HAS OCCURED.

2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.

3. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) STATE AND LOCAL REQUIREMENTS.

4. WIRING SHOWN IS FOR UNITS WHEN SWCH=D (WITH DISCONNECT SWITCH). UNITS WITHOUT DISCONNECT SWITCH (SWCH=0) OMIT SWITCH AND REPLACE WITH SPLICER.

5. 1TB1 ONLY PRESENT IF UNIT HAS ELECTRIC HEAT. ADDITIONAL ELECTRIC HEAT WIRING SHOWN ON SHEETS 23114699 THRU 23114714.

6. SPLICE END LOCATED IN JUNCTION BOX.