WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL X - DRIVE TERMINAL WHITE - AC GROUNDED X - CUSTOMER TERMINAL CIRCUIT CONDUCTOR
BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN H*CUSTOMER SUPPLIED 3L1 VLT 2T1 INPUT L1/R/91 IF16AII-T1/U/96 POWER ADJUSTABLE FREQUENCY 1L2 FEEDER BLK 2T2 3 PH, 208V, L2/S/92 T2/V/97 DRIVE CIRCUIT BLK 2T3 PROTECTION L3/T/93 T3/W/98 (AFD) (SEE NOTE 3) CB1 DRIVE INPUT FUSES CIRCUIT BREAKER EARTH GROUND GRN 1 H2 H3 H49 * CUSTOMER RUN 163 RED X3 100 WHT -| F12 | 115VAC CUSTOMER DRY CONTACT RATINGS

CR6

(9) (5)

TS1

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WARNING! THE FOLLOWING TABLE LISTS THE PARAMETERS THAT ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED FOR YOUR APPLICATION.

DRIVE PARAMETER SETTINGS

RELAY

CR6

CONTACT RATING

5A @ 120VAC

1/10 HP @ 120VAC

PARAMETER #	ARAMETER # NAME		VALUE			
0-02	MOTOR SPEED UNIT	1	HZ			
0-03	REGIONAL SETTINGS	1	NORTH AMERICA VARIABLE TORQUE			
1-03	TORQUE CHAR.	1				
5-02	TERMINAL 29 TYPE	1	OUTPUT			
5-31	TERMINAL 29	5	RUNNING			
14-20	RESET MODE	13	INFINITE AUTO REST			

NOTES:

HEATER (SET: 65° F)

②FAN 1 (SET: 80°F)

TB2

- 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.

-18 D IN

12 +24VDC

VLT

ADJUSTABLE

FREQUENCY

DRIVE (AFD)

-13 +24VDC

+24 VDC 29

* AC MOTOR 1

(SEE NOTES 6)

*AC MOTOR 2

(SEE NOTES 6)

DRIVE RUN

OL1

OL2

1T1 (L1) X T1

1T2 (L2) T2

1T3 (L3) T3

3T1 (L1) <u>T1</u>

3T2 (L2) T2

3T3 (L3) X T3

F18A

F18B]

-TF18CI

F19Al-

-TF19BI

F19C

- 3. FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD CURRENT RATING.
- 4. REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY.

27

95

- 5. PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS:
- 5.1. HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT
- 5.2. HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)

TB1

CUSTOMER'S SAFETY INTERLOCK

(SEE NOTE 4)

- 5.4. LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

В			-NOTICE-	DRN	NAME		EMA 3R,208V,NB			THE TRANE COMPANY	
А	SP10119	11/10	THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY	DIM	, MAIN CB ,DRIVE FUSE , DUAL MOTOR,1 FAN					A DIVISION OF AMERICAN STANDARD INC.	
DR	SP10076	09/10		OUTSIDE PARTIES WITHOUT THE WRITTEN	APR	MODEL	,	,			
REV	ECN	DATE		DIM	MODEL	TR200	PAGE <u>1</u> OF <u>1</u>	A	DWG 1 8	287221	