	TABLE 1							
	RECOMMENDED WIRE SELECTION TABLE (REF.2002 NEC) RATED LOAD AMPS (RLA)							
MIN WIRE		SUPPLY LEADS FOR ALL STARTER PANELS						
SIZE CORPER 75 C	1 CONDUIT 3 WIRE	1 CONDUIT 6 WIRE	1 CONDUIT 9 WIRE	2 CONDUIT 6 WIRE	2 CONDUIT 12 WIRE	3 CONDUIT 9 WIRE	4 CONDUIT 12 WIRE	
/5 · C	1 wire/ph/co	2 wire/ph/co	3 wire/ph/co	1 wire/ph/co	2 wire/ph/co	1 wire/ph/co	1 wire/ph/co	
8	40	* *	**	* *	* *	* *	* *	
6	52	* *	**	* *	* *	**	* *	
4	68	* *	* *	* *	**	* *	* *	
3	80	* *	**	* *	**	* *	* *	
2	92	**	**	* *	* *	**	* *	
1	104	* *	* *	* *	* *	* *	* *	
0	120	192	252	240	384	360	480	
00	140	224	294	280	448	420	560	
000	160	256	336	320	512	480	640	
0000	184	294	386	368	589	552	736	
250	204	326	428	408	653	612	816	
300	228	365	479	456	730	684	912	
350	248	397	521	496	794	744	992	
400	268	429	563	536	858	804	1072	
500	304	486	638	608	973	912	1216	

** Electrical conductors may be connected in paralled only for size 1/0 wire and larger per Nec 310-4.

The unit nameplate will be marked 'Maximum Fuse or Circuit Breaker Size' The maximum fuse or circuit breaker size is calculated as follows: Calculated value = 2.25 * (Compressor RLA)

The calculated value is then used to select the fuse or circuit breaker from the standard sizes

Standard Sizes = 100, 110, 125, 150, 175, 200, 225, 300, 350, 400, 450, 500, 600, 700, 800, 1000, 1200, 1600, 2000.

Maximum Fuse or Circuit Breaker Size = The standard size that is closest to the calculated value without

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SHEET 1 OF 1

FIELD LAYOUT DIAGRAM **RTHD** AFD

⚠ WARNING

HAZARDOUS VOLTAGEL DISCONNECT ALL ELECTRIC POWER
INCLUDING REMOTE DISCONNECTS AND
FOLLOW LOCK OUT AND TAGP PROCEDURES
BEFORE SERVICING. INSURE THAT ALL
MOTOR CAPACITORS HAVE DISCHARGED
STORED VOLTAGE. UNITS WITH VARIABLE
SPEED DRIVE. REFER TO DRIVE
INSTRUCTIONS FOR CAPACITOR DISCHARGE

AVERTISSEMENT

TENSION DANGEREUSE!

COMPORTANT DES ENTRA VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRA

NE PAS RESPECTER CES MESURES DE PR BLESSURES GRAVES POUVANT MORTELLES.

ADVERTENCIA

iVOLTAJE PELIGROSO!

CAUTION

USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE LES BORNES DE L'UNIT POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS

PRECAUCI

TABLE 2							
SELECTION RLA	LUG SIZE (PER PHASE)						
0 - 598	(2) #4 - 500 MCM						
599 - 779	NA						
0 - 200	(1) 3/0 - 350 MCM						
201 - 476	(2) 2/0 - 500 MCM						
477 - 640	(3) 3/0 - 500 MCM						
	SELECTION RLA 0 - 598 599 - 779 0 - 200 201 - 476						

AFD

EVAPORATO

CONDENSER

LINE VOLTAGE AND POWER SECTION

6 30 VAC MAX LOW VOLTAGE AREA CONTROL SECTION CLASS I 132 VAC MA) CONTROL VOLTAGE AREA 28> 28 8 8 CHILLED WATER SUPPLY RETURN TO TOWER 3 5S2 CONDENSER WATER 3 5S1 CHILLED WATER CHILLED WATER PUMP

FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY

COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS PUIS SUIVRE LES PROC VERROUILLAGE ET DES TOUTE INTERVENTION. V LES CONDENSATEURS DES MOTEURS SONT

IVOLTAJE PELIGROSO!

DESCONECTE TODA LA ENERG
INCLUSO LAS DESCONEXIONES REMOTAS Y
SIGA LOS PROCEDIMIENTOS DE CIERRE Y
ETIQUETADO ANTES DE PROCEDER AL
SERVICIO. ASEG
LOS CAPACITORES DEL MOTOR HAYAN
DESCARGADO EL VOLTAJE ALMACENADO.
PARA LAS UNIDADES CON EJE DE
DIRECCI DIRECCI
CONSULTE LAS INSTRUCCIONES PARA LA
DESCARGA DEL CONDENSADOR.
EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODR O SERIAS LESIONES PERSONALES.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'

LAS TERMINALES DE LA UNIDAD NO EST PARA ACEPTAR OTROS TIPOS DE CONDUCTORES. SI NO LO HACE, PUEDE OCASIONAR DA