

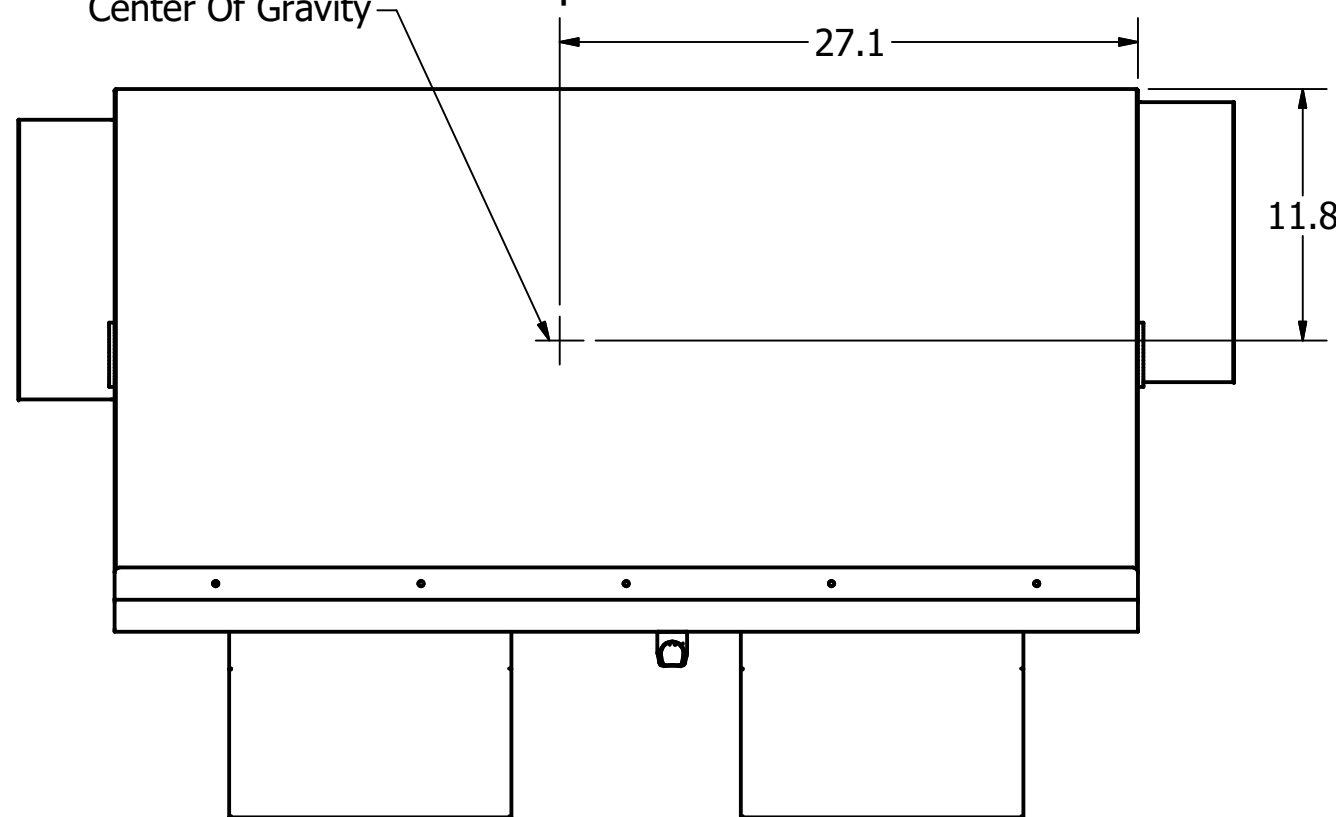
4

3

2

1

Top View

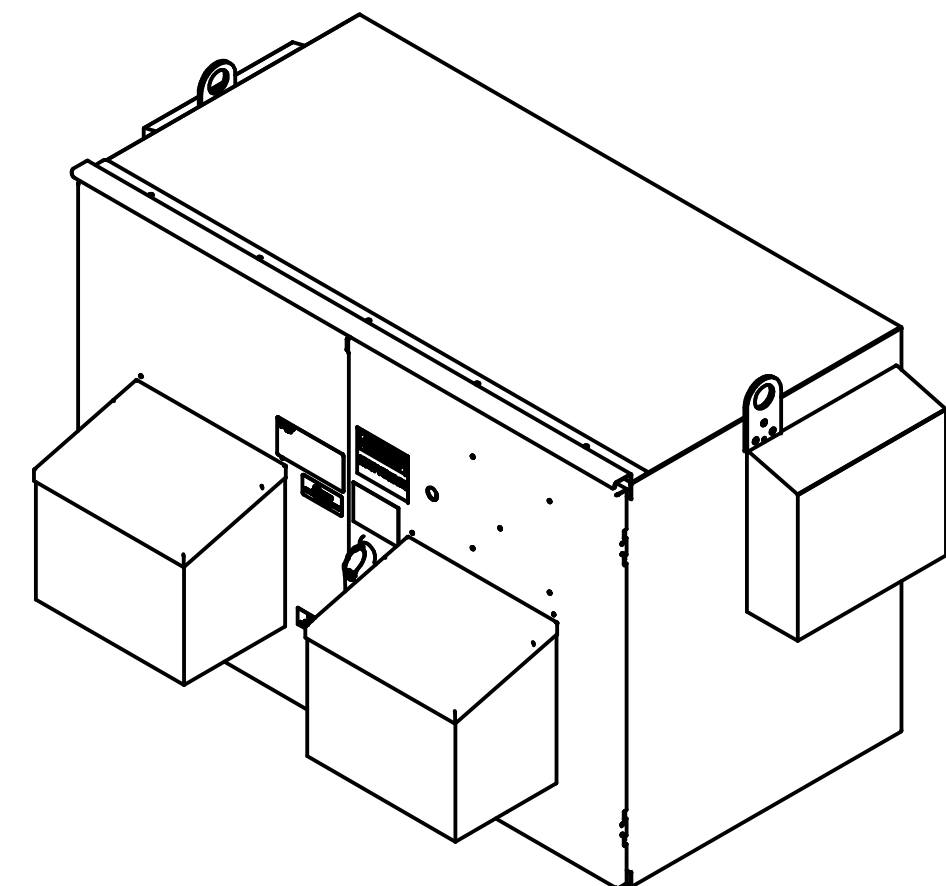


UNIT SPECIFICATIONS						
KVAR	HARMONIC	VOLT	Hz	PHASE	HP	AMPS
50	5TH	480	60	3	400	477

SCHEMATIC : 30586-PQ6

Notes:

1. Customer is responsible for installation to meet all national and local electrical codes.
2. Use only hubs or fittings that comply with UL514B for type 3R enclosures.
3. Approx. WT LBS : 850
4. Enclosure Color: ANSI-61 Gray
5. PQconnect Programming Model: Custom Unit HGL0400AWxC1xxxELC



D

D

C

C

B

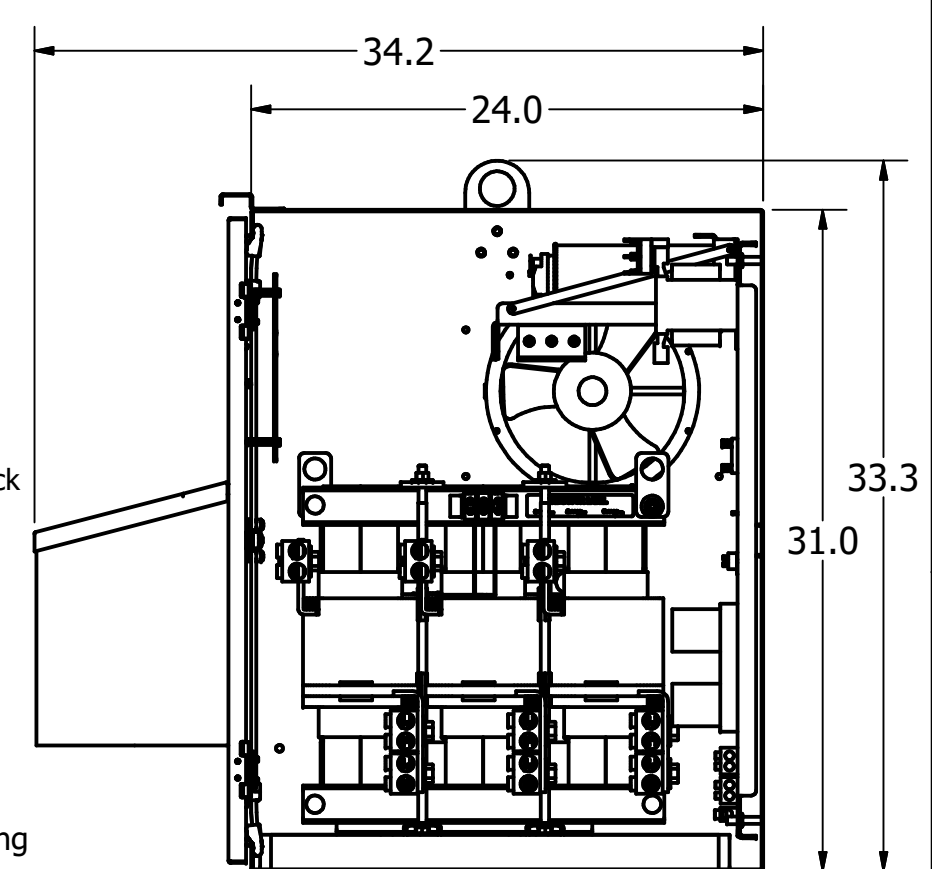
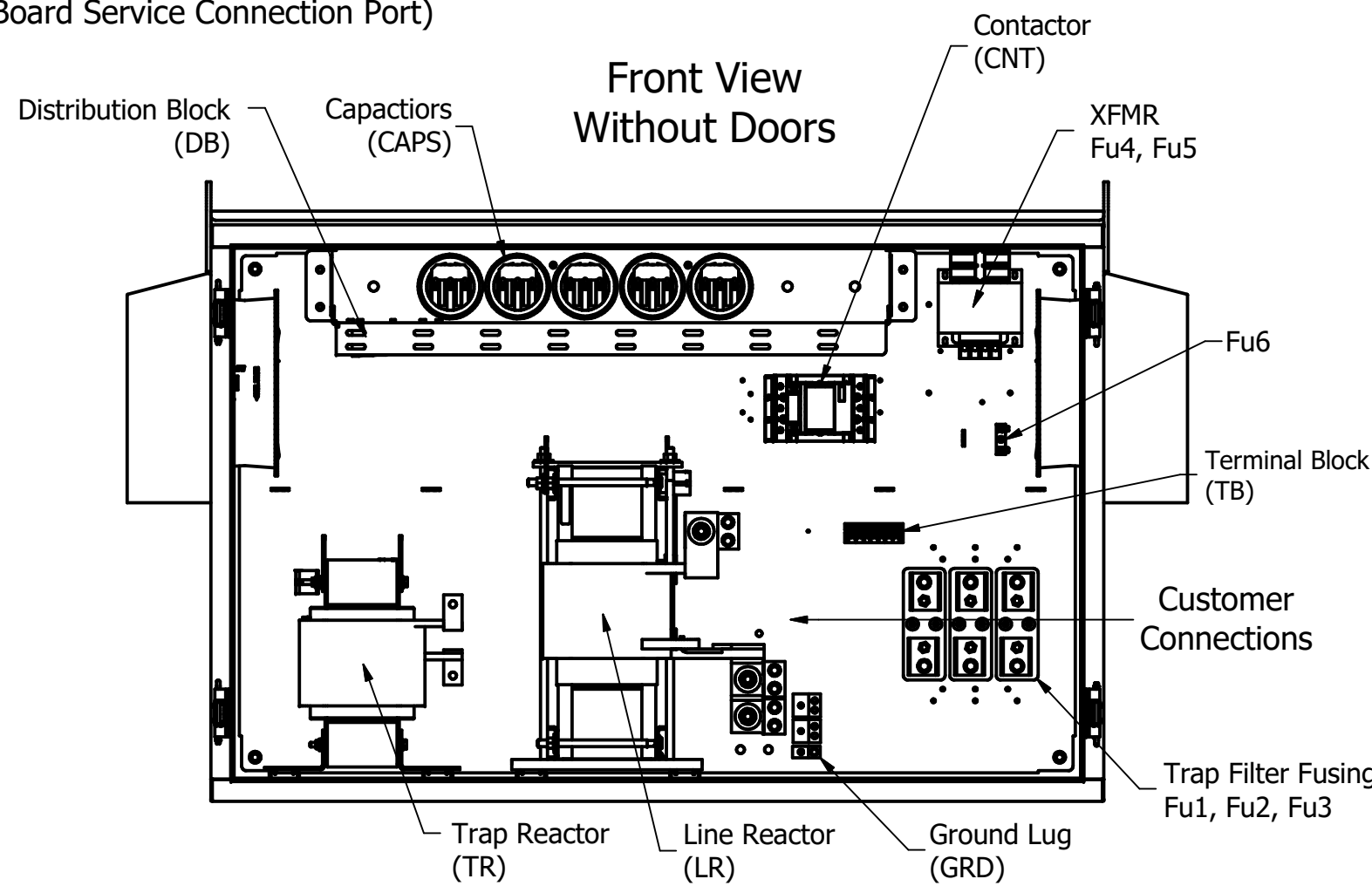
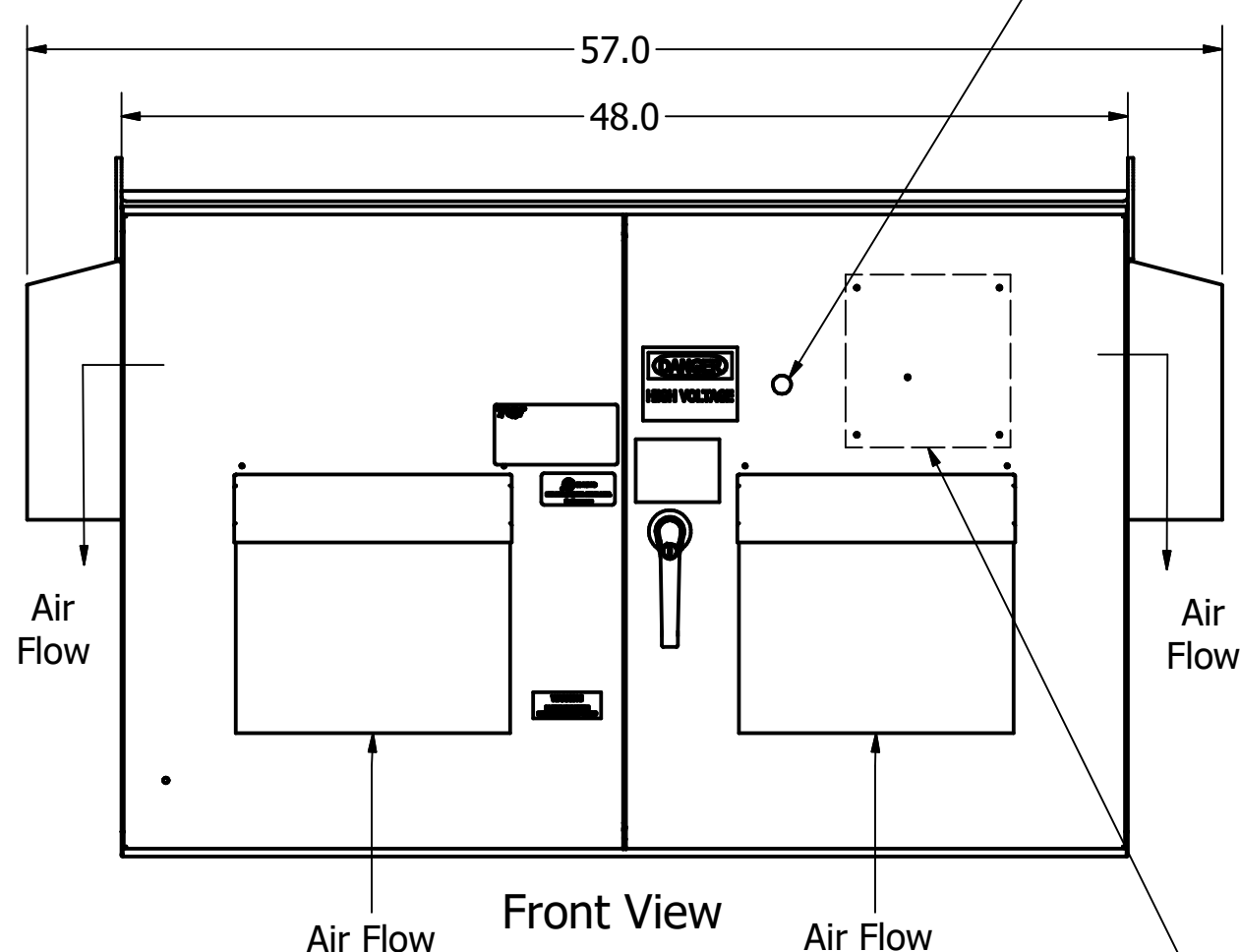
B

A

A

(PQconnect Board Service Connection Port)

Front View Without Doors



Side View Without Wall

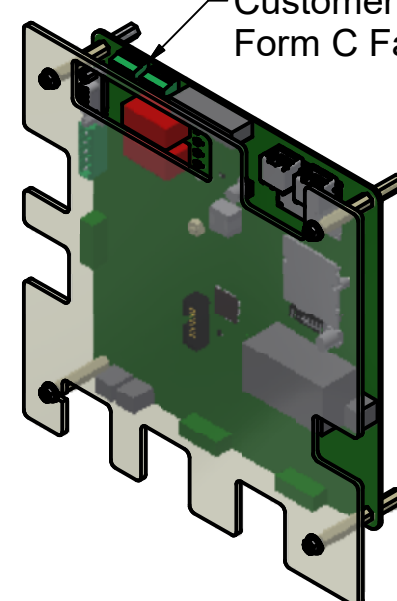
Front View

Air Flow

PQconnect Contactor Control Board Mounted To Inside Of Door

Thermal Switches Installed In Line Reactor And Tuning Reactor Wired To PQconnect For Monitoring

Customer Connection Form C Fault Relay J10



GROUND LUG:

WIRE RANGE - FIVE 2/0-14AWG
TIGHTENING TORQUE 50 LB-IN.

L1 L2 L3

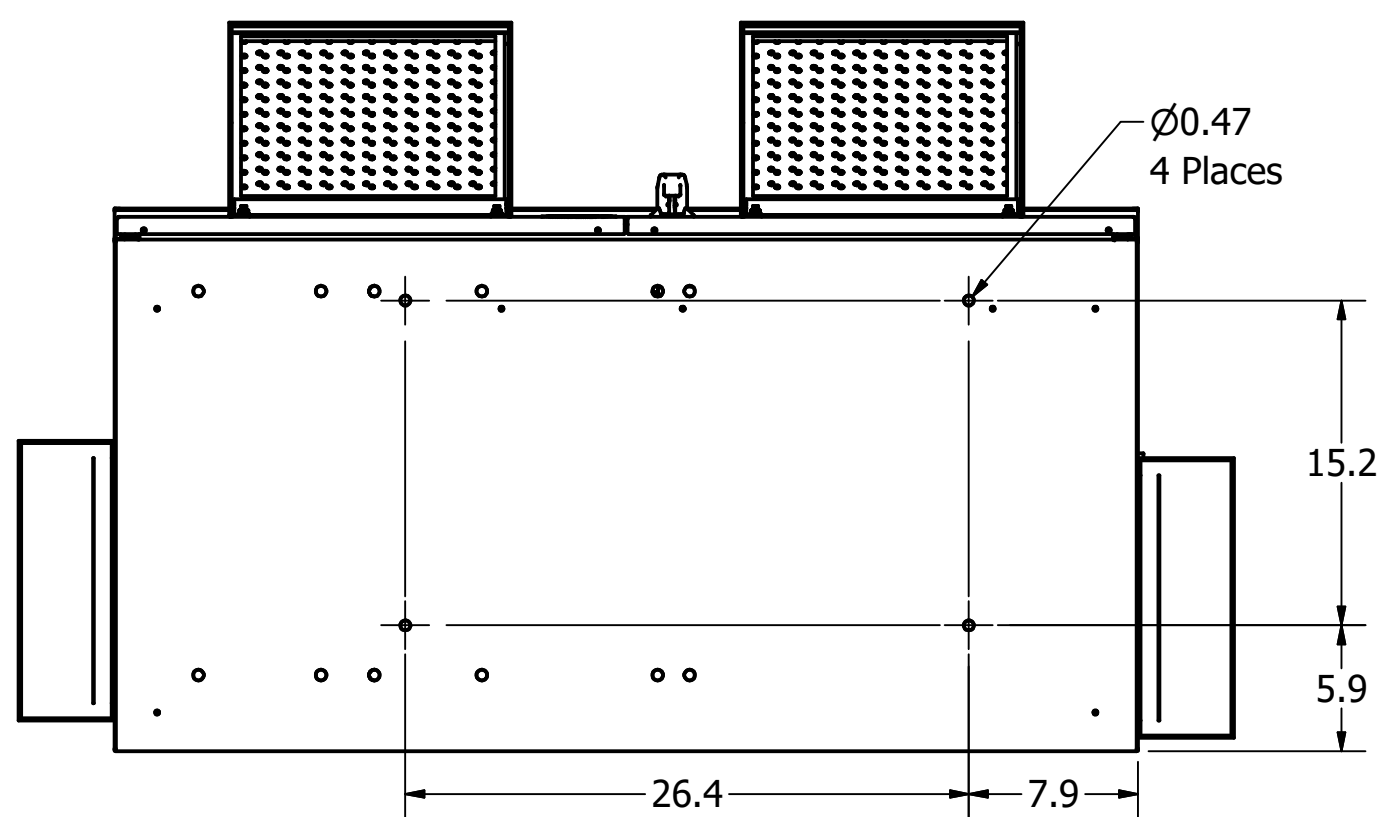
CUSTOMER CONNECTIONS:

WIRE RANGE - TWO 350MCM-6
TIGHTENING TORQUE 275 LB-IN.

T1 T2 T3

CUSTOMER CONNECTIONS:

WIRE RANGE - FOUR 350MCM-6
TIGHTENING TORQUE 275 LB-IN.



Bottom View

DIMENSIONS IN INCHES (EXCEPT AS NOTED) TOLERANCES (EXCEPT AS NOTED) DECIMAL .XX ± .25 .XXX ± .10 FRACTIONAL ± 1/32 ANGULAR ± 1°	THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF ALLIENT INC. AND ITS SUBSIDIARIES. NEITHER THIS DESIGN NOR ANY INFORMATION CONTAINED IN THIS DRAWING MAY BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ALLIENT INC. AND ITS SUBSIDIARIES.	NO	ECO	REVISION	DATE	BY	DRN. NO. 107997-03DG SCALE: 1/9	DRN. BY: JRN DATE: 05/29/26		W132N10611 Grant Drive Germantown, WI 53022 © 2026 Allient Inc.
		NO	ECO	REVISION	DATE	BY	DRN. NO. 107997-03DG SCALE: 1/9	DRN. BY: JRN DATE: 05/29/26		

Multistack, HGL, Spcl Low C, 400HP, 480/3/60
3R, CNT+PQ, Low Profile, 2 T/S, Mirrored, 4x Load

SHT.1 OF 1