

4

3

2

1

GROUND LUG:

WIRE RANGE - TWO 350MCM-4  
TIGHTENING TORQUE 375 IN-LB.

L1 L2 L3 T1 T2 T3

CUSTOMER CONNECTIONS:

WIRE RANGE - TWO 350MCM-4  
TIGHTENING TORQUE 375 IN-LB.

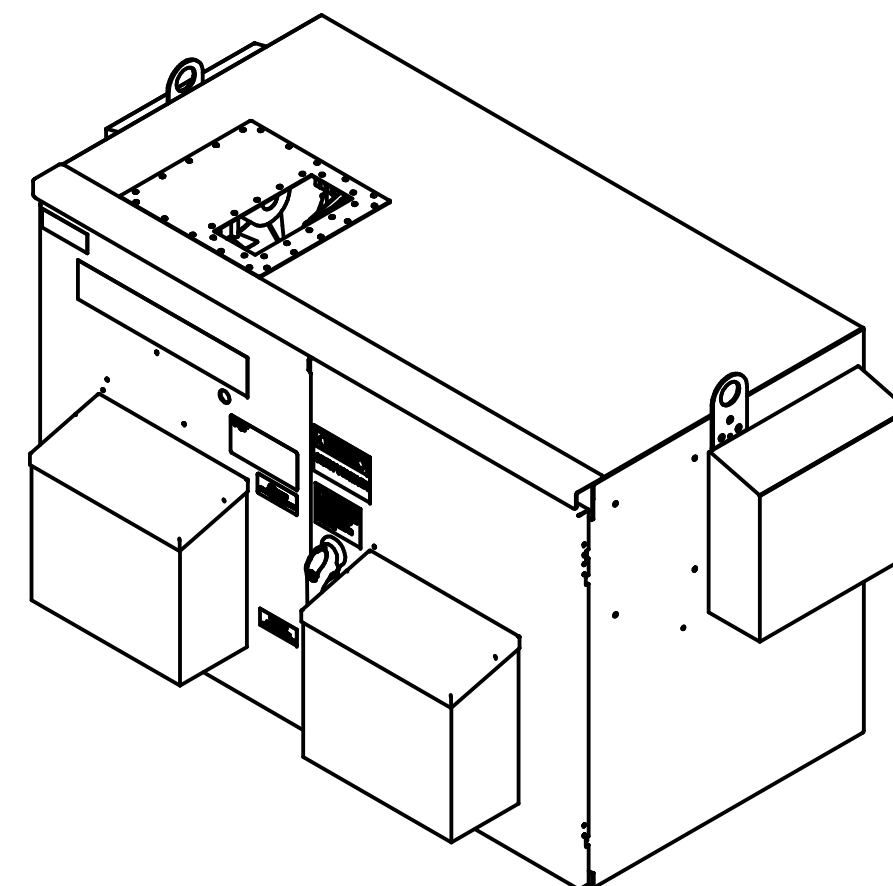
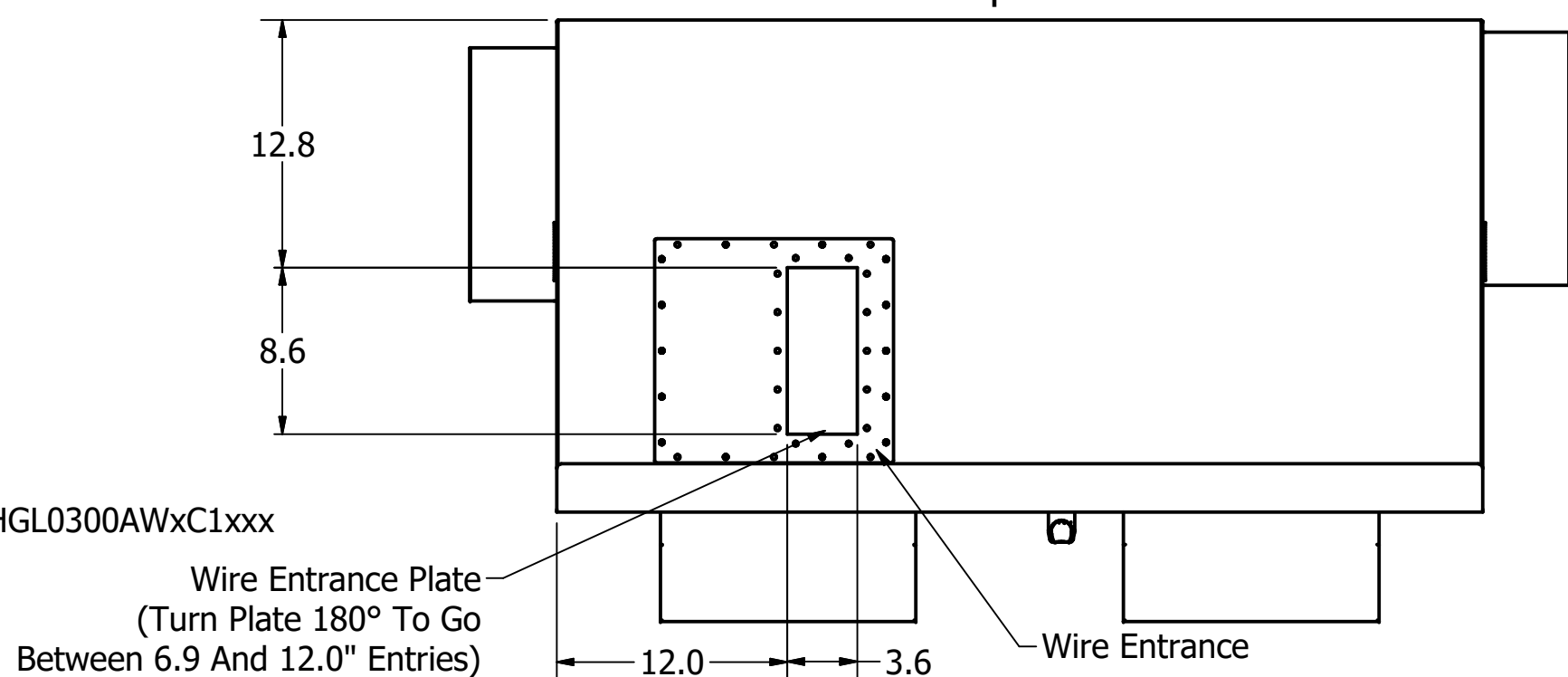
Notes:

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 : 800
4. Enclosure Color: RAL 7006 Beige Grey
5. PQconnect Programming Model: Custom Unit HGL0300AWxC1xxx
6. JCI P/N: 371-09214-202

UNIT SPECIFICATIONS						
KVAR	HARMONIC	VOLT	Hz	PHASE	HP	AMPS
50	5TH	480	60	3	300	361

SCHEMATIC : 30586-PQ6

Top View

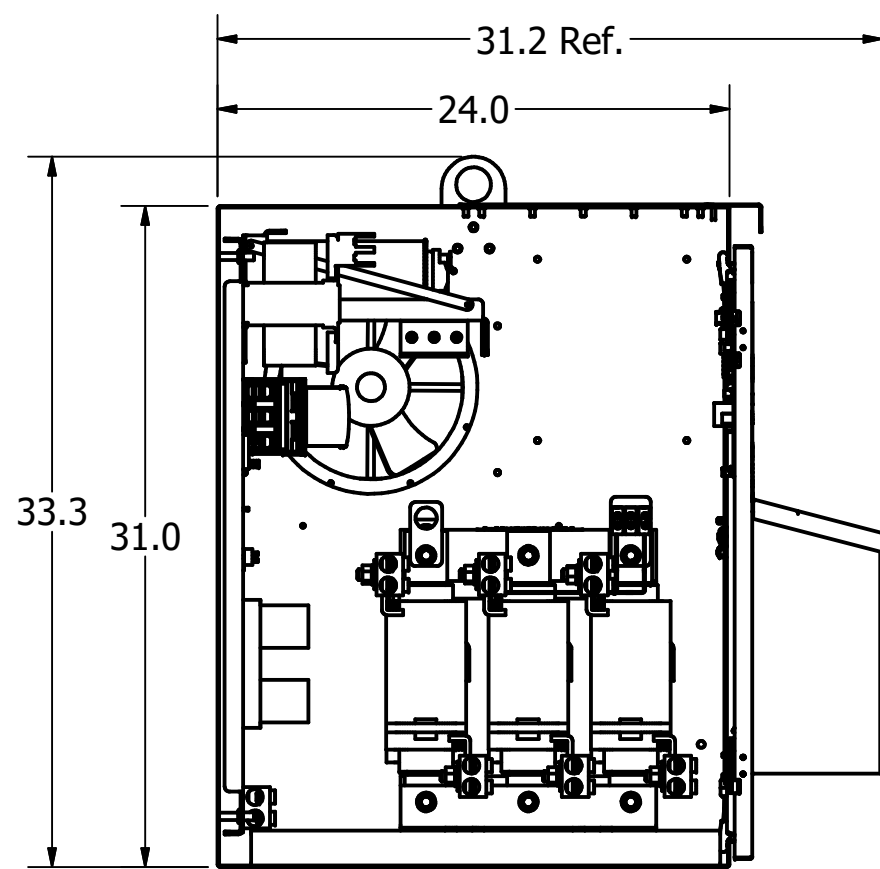


D

D

C

C



Side View Without Wall

B

B

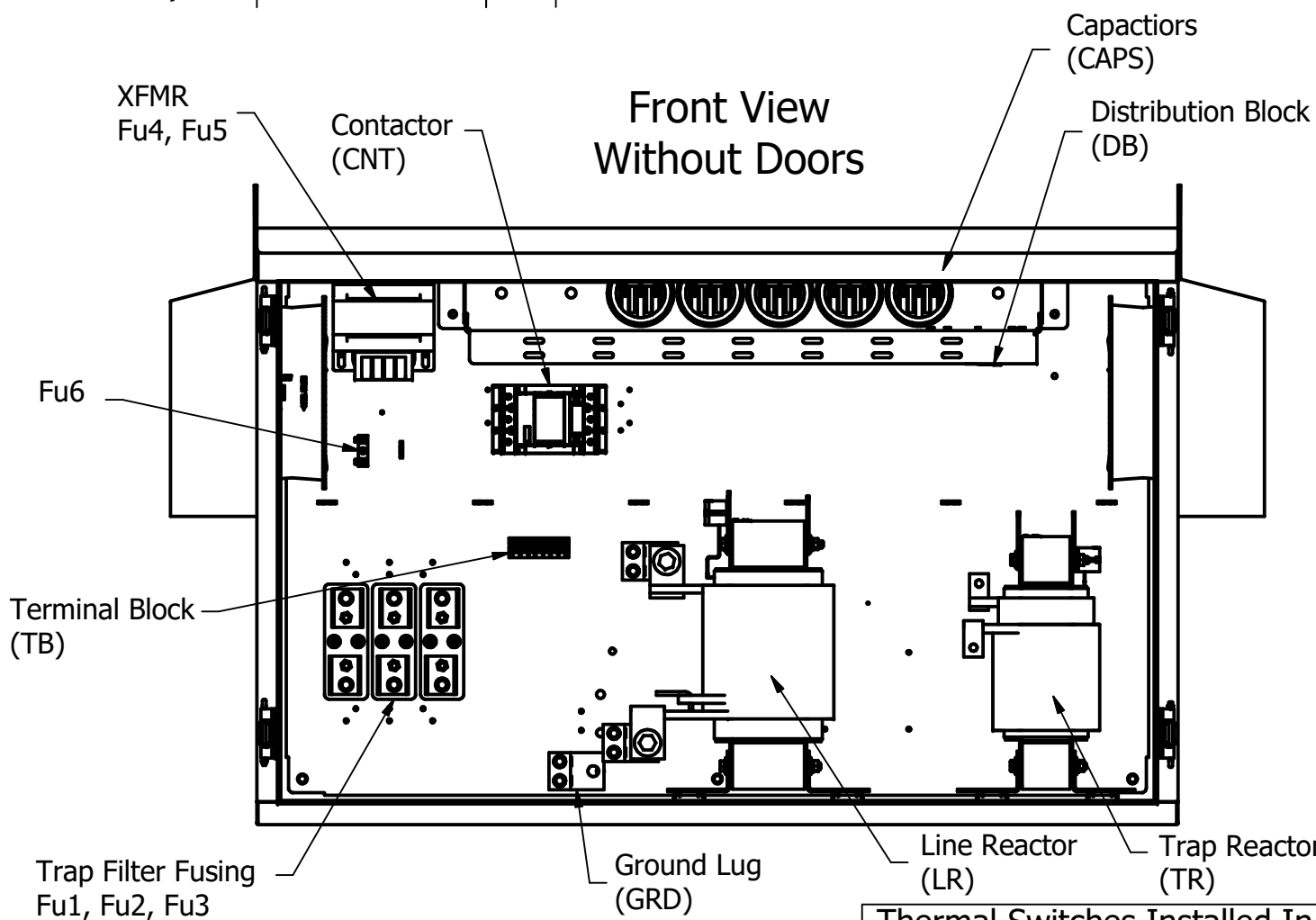
B

B

A

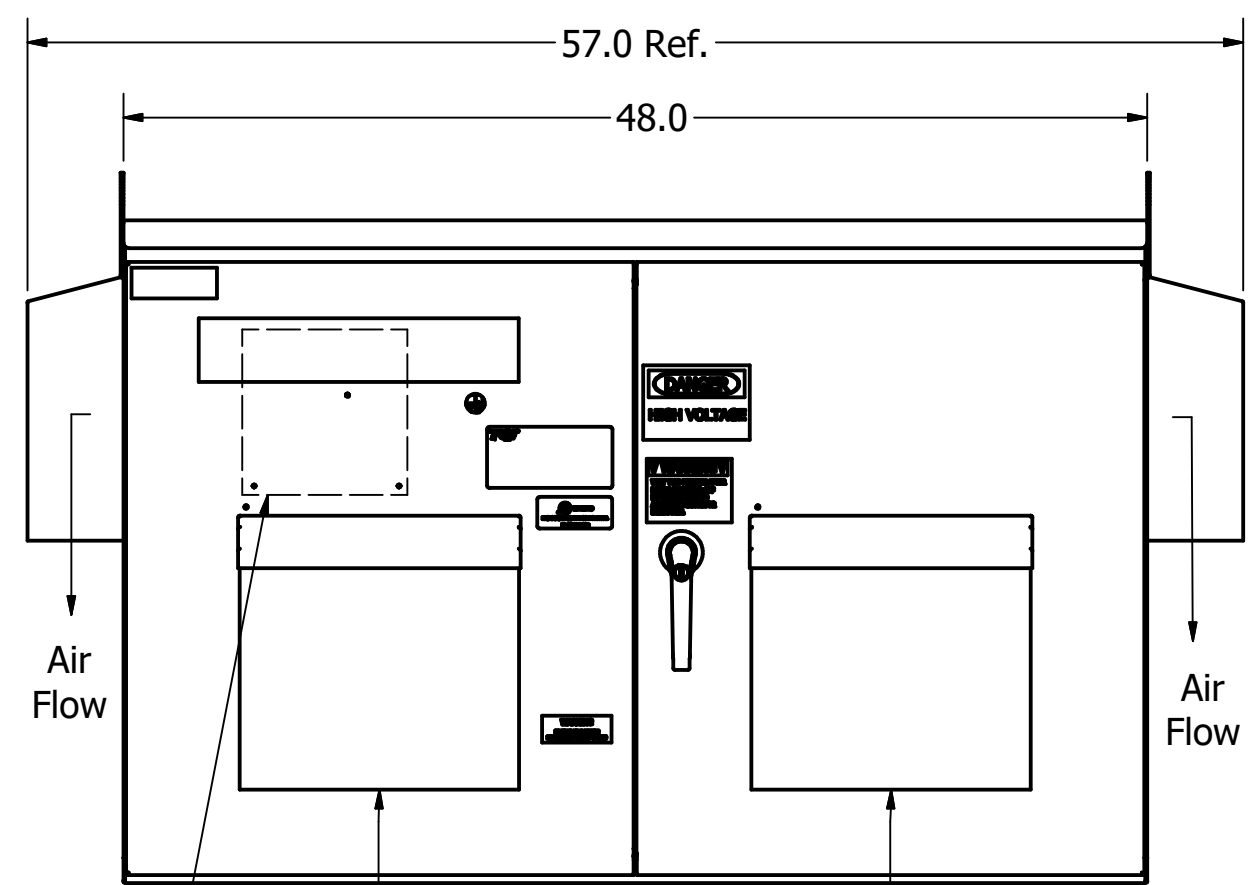
A

Front View Without Doors



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

Ø.47 Mounting Holes 4 Places

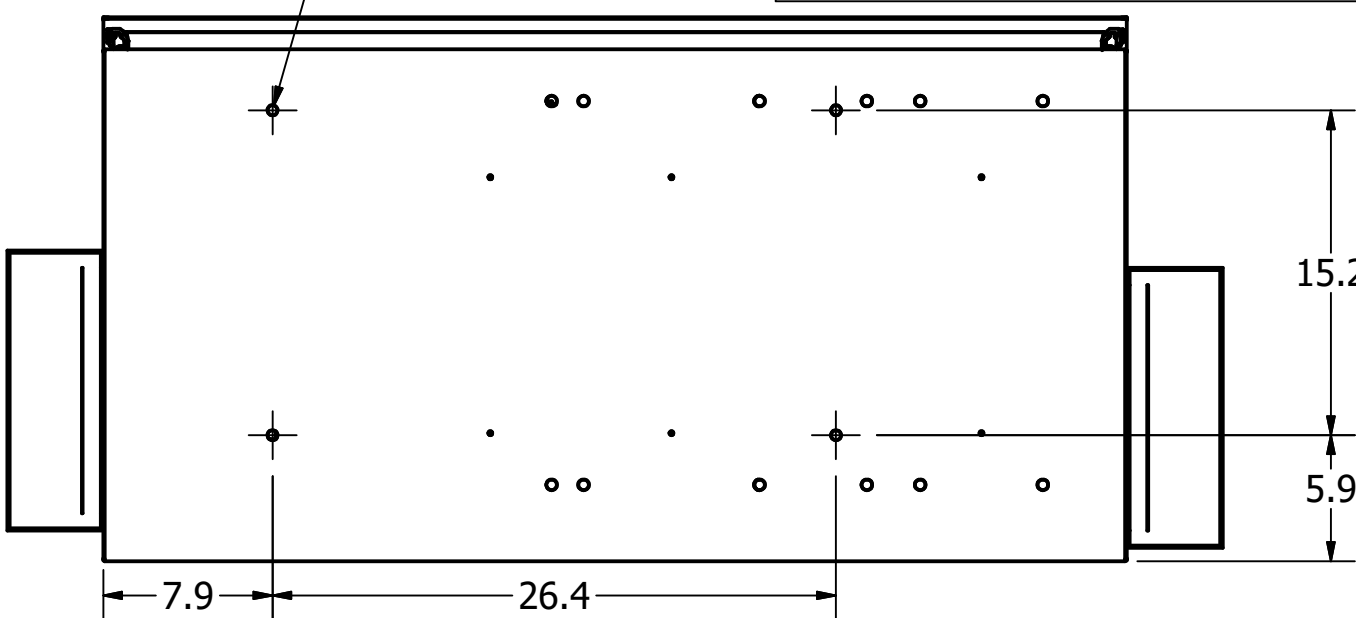
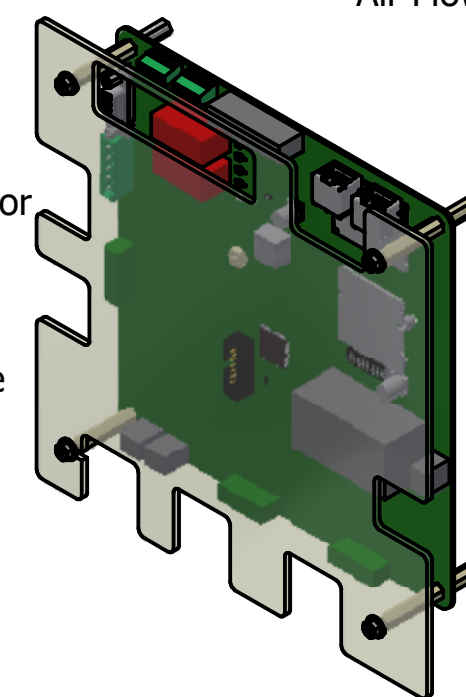


Front View

Air Flow

Air Flow

PQconnect Contactor Control Board Mounted To Inside Of Door With Polycarbonate Cover



Bottom View

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NO	REVISION	DATE	BY	TOLERANCES (EXCEPT AS NOTED)
E	6611 Add PQ Cover, Update Torques	03/13/24	JRN	DECIMAL
D	6508 Updated Enclosure	12/01/23	JRN	.XX ± .03 .XXX ± .010
C	6052 Updated CNT Model, Ground Torque	09/23/22	JRN	FRACTIONAL ± 1/32
B	5710 Updated Line Reactor	12/16/21	JRN	ANGULAR ± 1°
A	As Designed	09/15/21	JRN	

<b>TCI</b> An Allied Motion Company		W132N10611 Grant Drive Germantown, WI 53022 © 2021 TCI, LLC	
HarmonicGuard Low Capacitance 300HP, 480/3/60, Type 3R, JCI, PQconnect			
DRN BY JRN	DATE 09/15/21	108192DG	
SCALE 1/9	APRVD:	SIZE C	SHT. 1 OF 1