

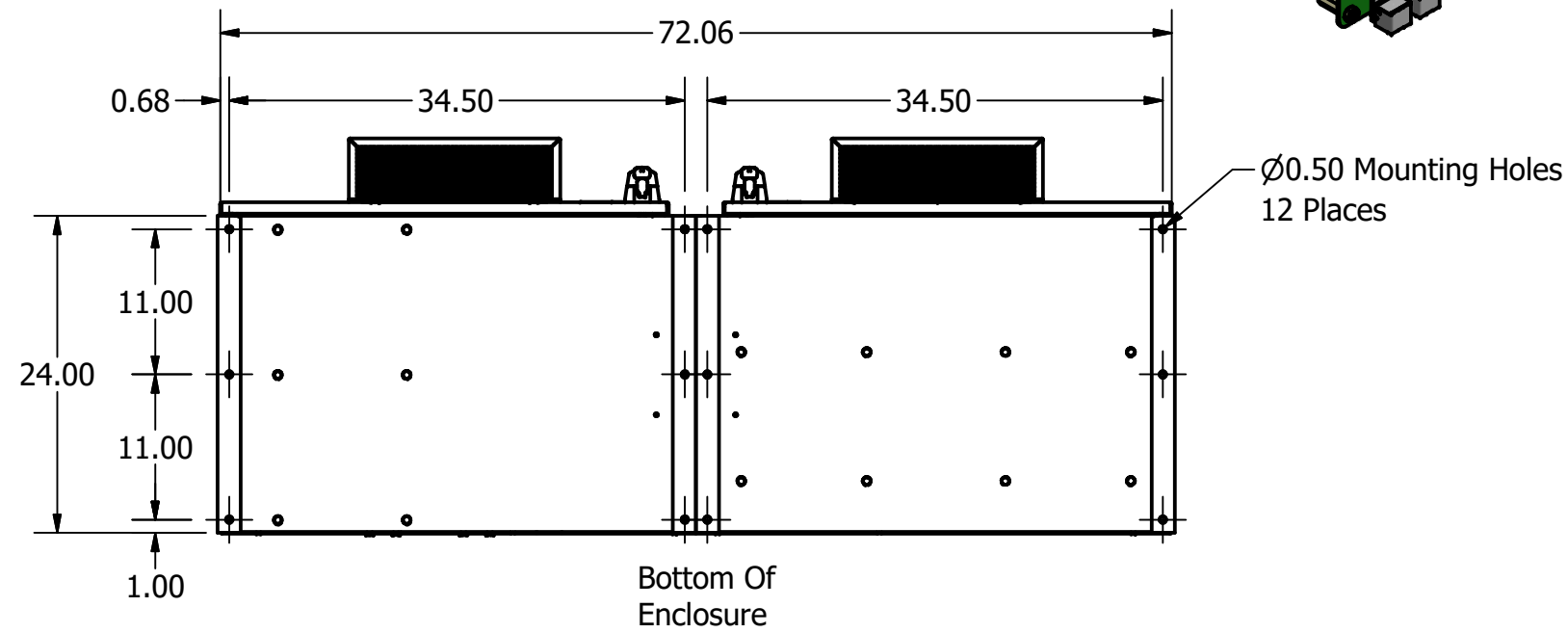
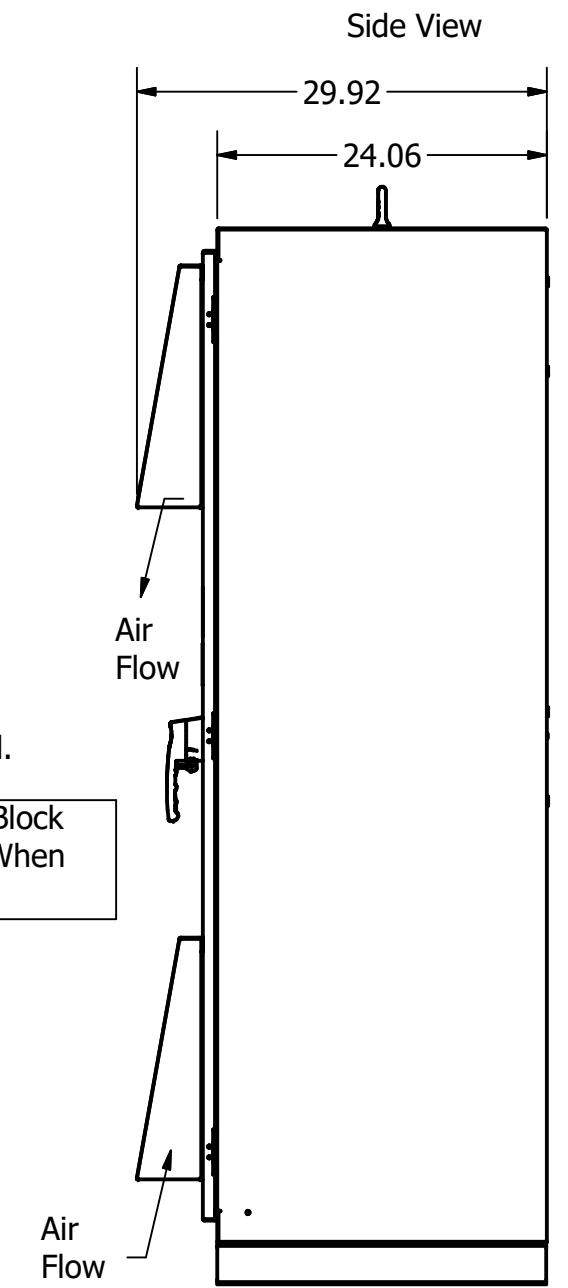
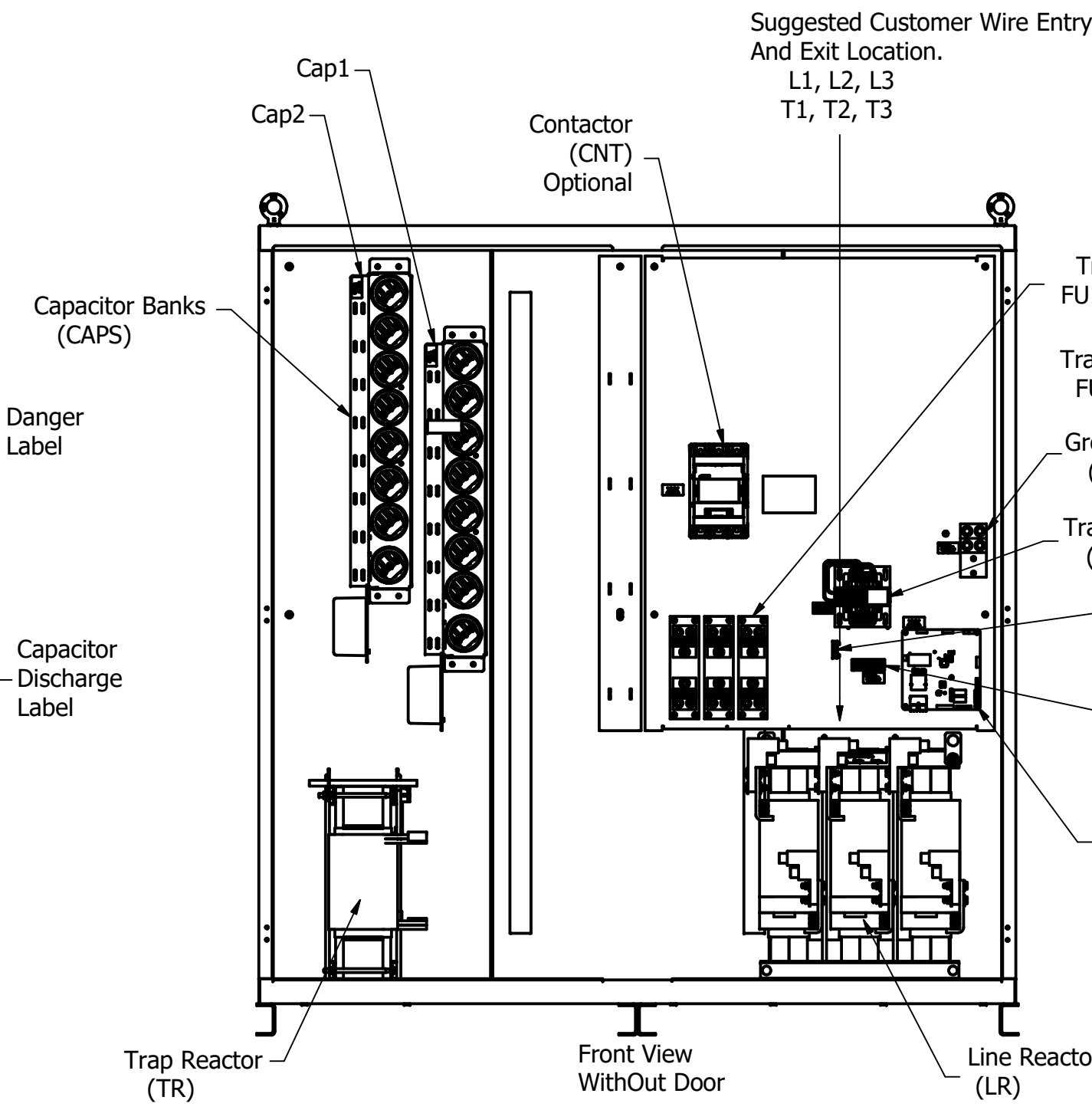
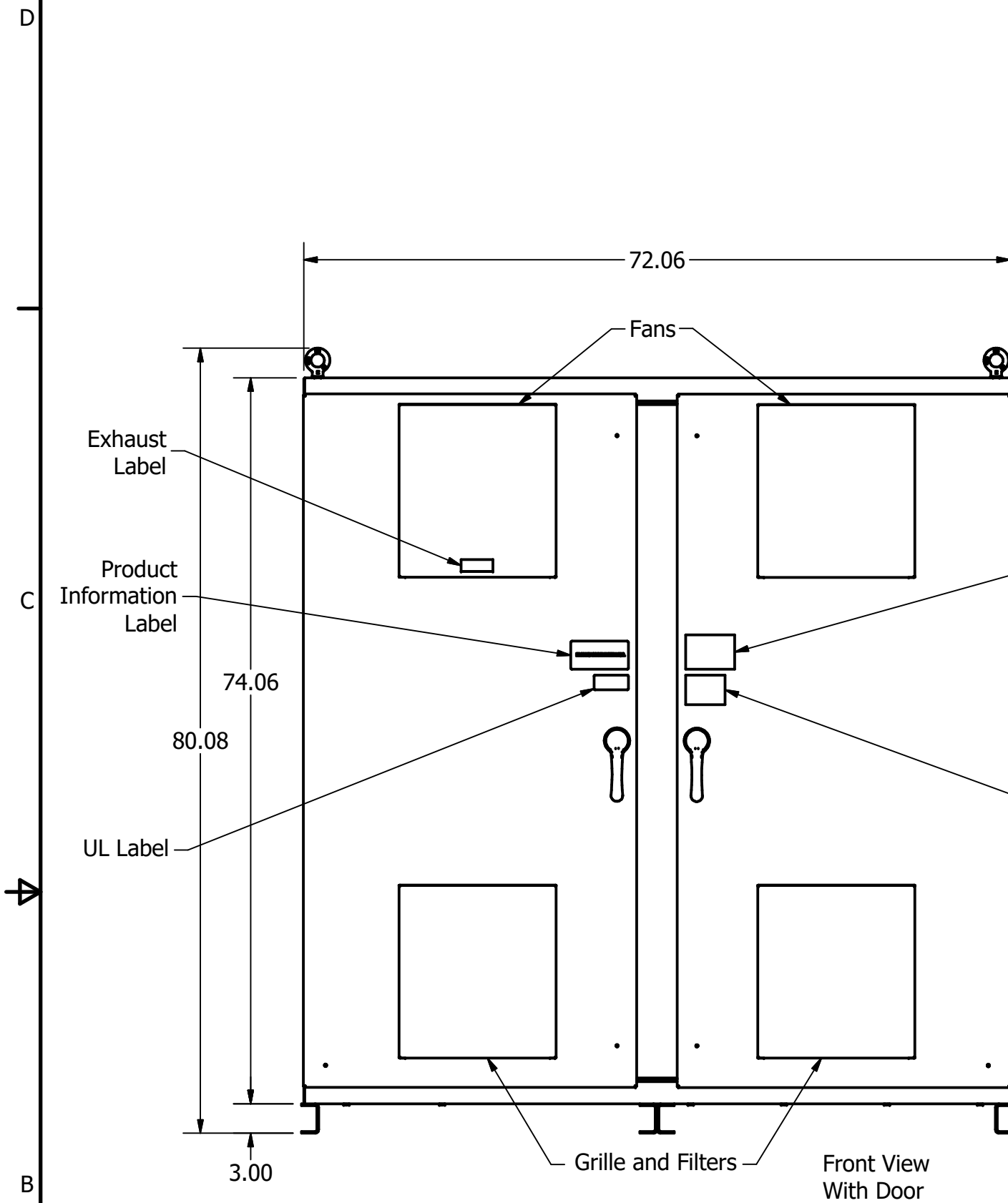
HGP Part Number	HorsePower (HP)	kVar	Harmonic	Voltage (V)	Hz.	Phase
HGL1000AW3----	1000	150	5th	480	60	3

Note: For Torque Information
See IOM Manual

Customer Connections:
L1, L2, L3, T1, T2, T3, and
Ground Lug.
Wire Range- Four, 600MCM-2AWG
Tightening Torque: 550 lb-in

HGP Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL1000AW3S000#	30586-1S	1900
HGL1000AW3C000#	30586-1C	1916
HGL1000AW3C*00#	30586-PQ7	1919

* = Communication Options
= Mechanical/Electrical Option



Thermal Switch, Terminal Block (Optional) Located on Inductors

Wire Range: 18 AWG To 4 AWG.
Torque: 20 LB-IN (2.3 Nm)

Switch Opens on Temperature Rise
Contact Rating: 6A @ 120 VAC, Resistive
Contact Rating: 5A @ 120 VAC, Inductive

Customer Is Responsible For Installation to
Meet All National And Local Electrical Codes.

NOTE: USE ONLY HUBS OR FITTINGS THAT COMPLY
WITH UL514B FOR TYPE 3R ENCLOSURES

Material(s) Shall be RoHS Compliant

HGL1000AW3----			
Components	S000#	C000#	C*00#
Line Reactor (LR)	x	x	X
Trap Reactor (TR)	x	x	X
Capacitor (Cap)	x	x	X
Trap Fusing, FU1, FU2, FU3	x	x	X
Contactor (CNT)		x	X
Transformer (XFMR)	x	x	X
XFMR Fusing, FU4, FU5	x	x	X
PQConnect Board			X

* = Communication Option
1= PQconnect w/Modbus RTU over RS485
2= PQconnect w/Ethernet

= Mechanical Option
0= No Option
H= Heater (Only in Type 3R)
V= Vibration Pads
T= Thermal Switches

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TOLERANCES (EXCEPT AS NOTED)			
DECIMAL			
			.XX ± .25
			.XXX ± .10
FRACTIONAL			
			± 1/16
ANGULAR			
			± 1°

TCL W132N10611 Grant Drive
Germantown, WI 53022
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An Allied Motion Company

HarmonicGuard Passive Low Capacitance
HGL, 1000HP, 480/3/60, Type 3R

DRN BY: JRN DATE: 05/08/24 109607DG
SCALE: 1/14 APRVD: SIZE: C