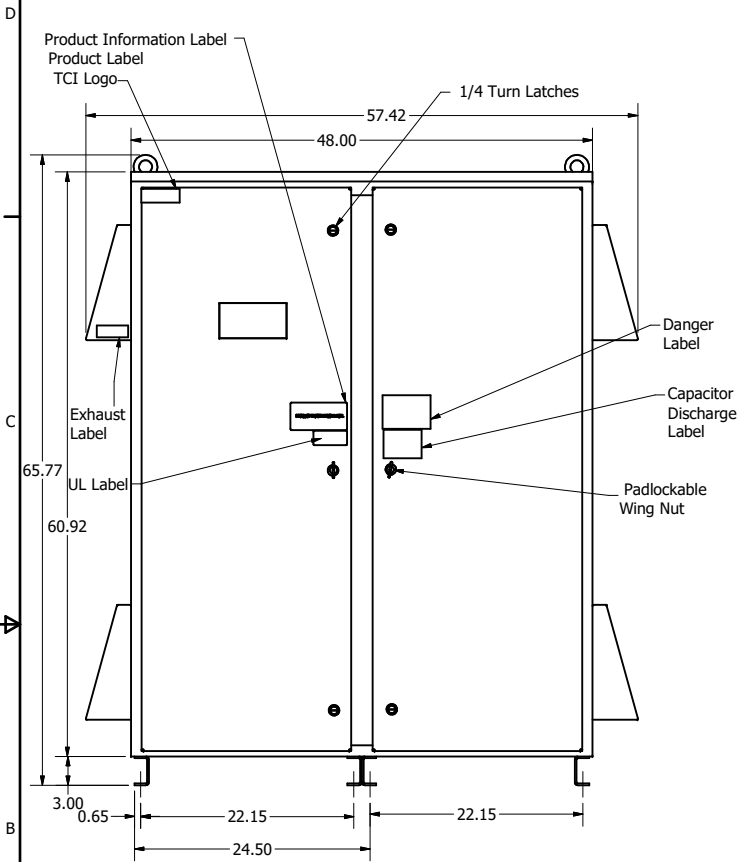


HGP Part Number	HorsePower (HP)	kVar	Maximum Amps (A)	Harmonic	Voltage (V)	Hz.	Phase
HGP0500AW3----	500	150	590	5th	480	60	3

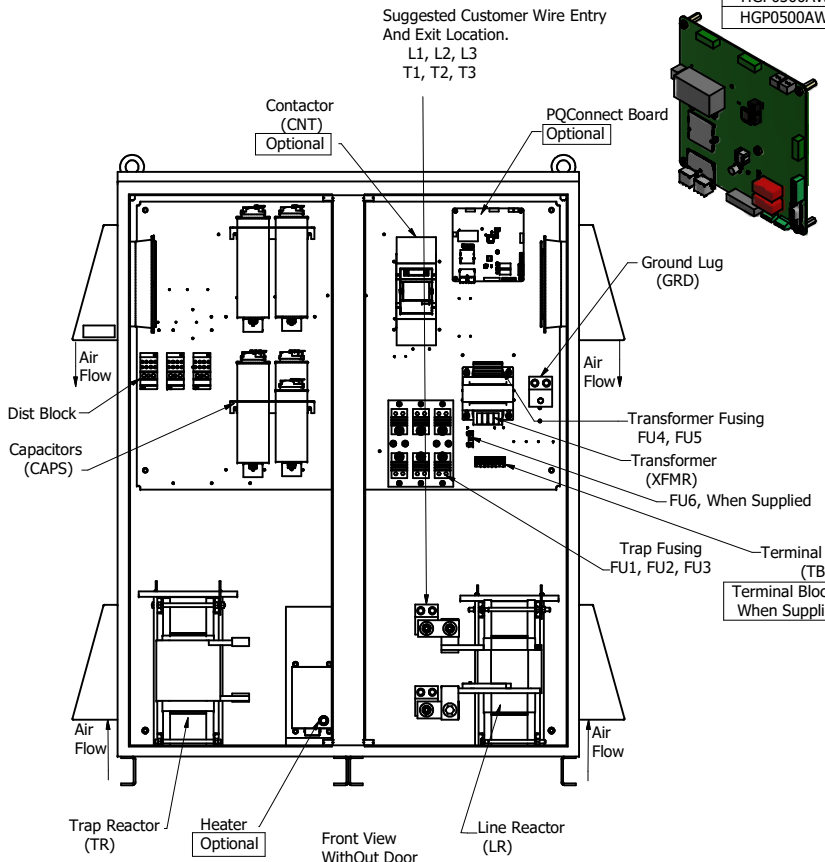
Note: For Torque Information See IOM Manual

Customer Connections:
L1, L2, L3, T1, T2, T3, and Ground Lug.
Wire Range- Two, 600MCM-2AWG

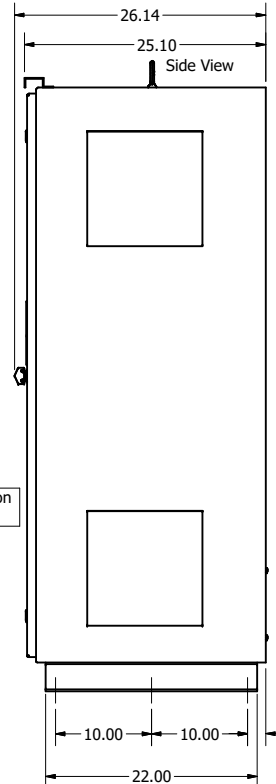
HGP Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0500AW3S0000	28697-5S	1000
HGP0500AW3C0000	28697-5	1019
HGP0500AW3C0000H	29597-H	1024
HGP0500AW3S1000	29597-PQ1	1003
HGP0500AW3C1000	29597-PQ	1022
HGP0500AW3C100H	29597-PCH	1026



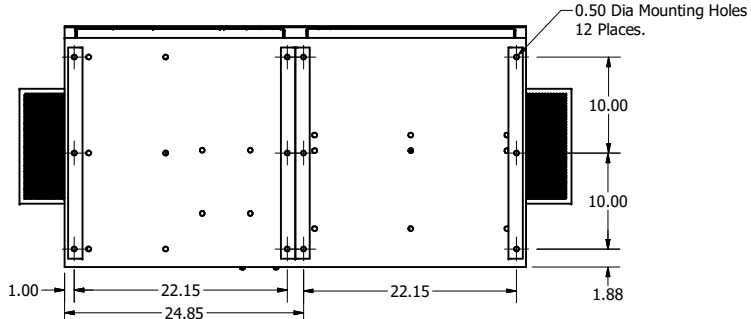
Front View With Door



Front View WithOut Door



Side View



Bottom Of Enclosure

HGP0500AW3----						
Components	S0000	C0000	C000H	S1000	C1000	C100H
Line Reactor (LR)	x	x	x	X	X	X
Trap Reactor (TR)	x	x	x	X	X	X
Capacitor (Cap)	x	x	x	X	X	X
Trap Fusing, FU1, FU2, FU3	x	x	x	X	X	X
Contactor (CNT)		x	x		X	X
Transformer (XFMR)	x	x	x	X	X	X
XFMR Fusing, FU4, FU5	x	x	x	X	X	X
Heater			x			X
PQConnect Board				X	X	X

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

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NO	REVISION	DATE	BY	SCALE
K	5636, GE to ABB CNT Update	1/31/2022	DSW	
J	5454, Schematic Updates	11/18/2020	DSW	
I	5388 Updated CNT Connections	9/15/20	JRN	
H	4983, Update Layout	11/25/19	DSW	
NO				

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

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HarmonicGuard Passive, HGP0500AW3----

HGP, 500HP, 480/3/60, Type 3R

105570DG

SCALE: 1/8 DATE: 4/29/14

REV: 1/8

SHT. 1 OF 1