

Rotary Phase Converter Control Panel CP-25

Quick Specs

See back for complete specs

Single Phase Input Power - 208 - 245 Volts

Input Amperage Range - 50-125 mps

Idler HP Rating - Your 25 HP motor

3 Phase Rated Output - 208 - 245 Volts

3 Phase Output Amperage - 65 Amps

Voltage Balance - Based on input +/-5-8%

Professional. Rugged. Affordable. Build your own rotary phase converter with our Pro-Line CP line of control panels and your motor as an idler motor. The Pro-Line CP offers much more than you would expect from a phase converter control panel. Loaded with features and unmatched quality.

Control Panel Features

- Built-In Motor Starter with Start/ Stop Push Button Switch
- Digitally Controlled & Protected Start Circuit
- Complete Phase Power Failure Protection
- Precision Voltage Balancing
- Power "ON" Indicator Light
- Easy Power Distribution Block Connections
- Emergency Stop Button
- 10 Year Parts / Lifetime Labor Warranty
- Available in a NEMA 3R Upgrade (Outdoor Rating)
- Made In the USA



Easy Installation



Installation made easy with removable back plate, open side walls, oversized wire connections and laser cut knockouts including one for a twist-lock outlet.



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Model	
Brand	NAPCES
Line	Pro-Line
Model #	CP-25
General Specifications	
Horse Power (HP)	25
Kilo-watt (kW)	18.6
Frequency (Hz)	60
Generator Type	Add your 25HP motor
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	284
Single Phase Electrical Specifications	
Voltage Input	208-245
Minimum Fuse Size	50
Minimum Circuit Breaker Size	50
Maximum Fuse Size	125
Maximum Circuit Breaker Size	125
Minimum Wire Input	210 AWG
Idle Amperage	Based on your 25HP Motor
Three Phase Electrical Specifications	
Voltage Output	208-245 based on input voltage
Output Amperage	80
Voltage Balance	5-8 %
Minimum Wire to Generator	4 AWG
Minimum Wire to Load	4 AWG or based on load
Dimensions & Weights	
Enclosure (H X W X D)	24" X 18" X 8"
Idler size	Based on your 25HP Motor
Approx. Total Shipping Weight	42 lbs.

The CP-30 Pro-Line Phase Converter is best sized for:
Easy / Light Motor Loads - 20 HP
<i>Examples of Easy Loads: Table Saw, Milling Machine ,Drill Press</i>
Medium Motor Loads - up to 15 HP
<i>Examples of Medium Loads: Belt Sander, Grinder, Mixer</i>
Hard Motor Loads - up to 12 HP
<i>Examples of Hard Loads: Gearhead Lathe, Dust Collector , Fan</i>
Very Hard Motor Load - up to 10 HP
<i>Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump</i>
CNC, Resistive and Inductive Loads - N/A

Sizing Notes

CP-25

- For light/easy motor loads:** Size rotary phase converter up one size above motor size
- For medium motor loads:** Size rotary phase converter 1.5 times larger than motor size
- For heavy/hard motor loads:** Size rotary phase converter double the size of motor load
- For very hard motor loads:** Size rotary phase converter 2.5 times larger than the motor load
- For CNC, resistive and inductive loads:** Size rotary phase converter double the size of load



Built-In Motor Starter with Start / Stop Switch



Oversized Power Distribution Blocks for Easy Installation



Complete 3 Phase Power Guard Protection