

# Rotary Phase Converter Control Panel CP-7

## Quick Specs

See back for complete specs

**Single Phase Input Power** - 208 - 245 Volts

**Input Amperage Range** - 15-40 mps

**Idler HP Rating** - Your 7.5 HP motor

**3 Phase Rated Output** - 208 - 245 Volts

**3 Phase Output Amperage** - 21 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-7
General Specifications	
Horse Power (HP)	7.5
Kilo-watt (kW)	5.6
Frequency (Hz)	60
Generator Type	Add your 3HP motor
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	213
Single Phase Electrical Specifications	
Voltage Input	208-245
Minimum Fuse Size	15
Minimum Circuit Breaker Size	15
Maximum Fuse Size	40
Maximum Circuit Breaker Size	40
Minimum Wire Input	10 AWG
Idle Amperage	Based on your 7.5 HP Motor
Three Phase Electrical Specifications	
Voltage Output	208-245 based on input voltage
Output Amperage	21
Voltage Balance	2-5 %
Minimum Wire to Generator	10 AWG
Minimum Wire to Load	10 AWG
Dimensions & Weights	
Enclosure (H X W X D)	17" X 12" X 8"
Idler size	Based on your 7.5HP Motor
Approx. Total Shipping Weight	28 lbs.

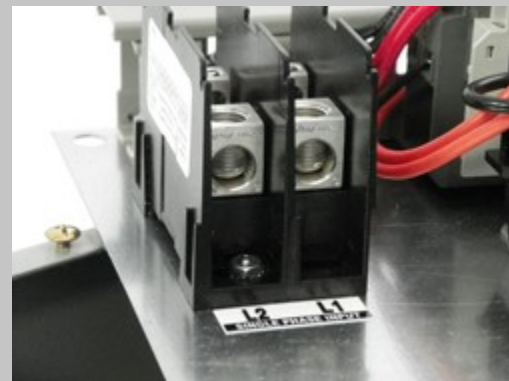
<b>The CP-7.5 Pro-Line Phase Converter is best sized for:</b>	
<b>Easy / Light Motor Loads - up to 5 HP</b>	
<i>Examples of Easy Loads: Table Saw, Milling Machine, Drill Press</i>	
<b>Medium Motor Loads - up to 5 HP</b>	
<i>Examples of Medium Loads: Belt Sander, Grinder, Mixer</i>	
<b>Hard Motor Loads - up to 3 HP</b>	
<i>Examples of Hard Loads: Gearhead Lathe, Dust Collector, Fan</i>	
<b>Very Hard Motor Load - up to 2.5 HP</b>	
<i>Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump</i>	
<b>CNC, Resistive and Inductive Loads - N/A</b>	

### Sizing Notes CP-7.5

- 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



**Built-In Motor Starter with Start / Stop Switch**



**Oversized Power Distribution Blocks for Easy Installation**



**Complete 3 Phase Power Guard Protection**