

# Rotary Phase Converter Control Panel CP-15

## Quick Specs

See back for complete specs

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

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

**Minimum Single Phase Circuit:** 40 Amps

**Best Performance Single Motor Start:** 7.5HP

**Recommended 3 Phase Sizing:** 20 Amps

**Idler Motor Rating:** Add your 15HP idler motor

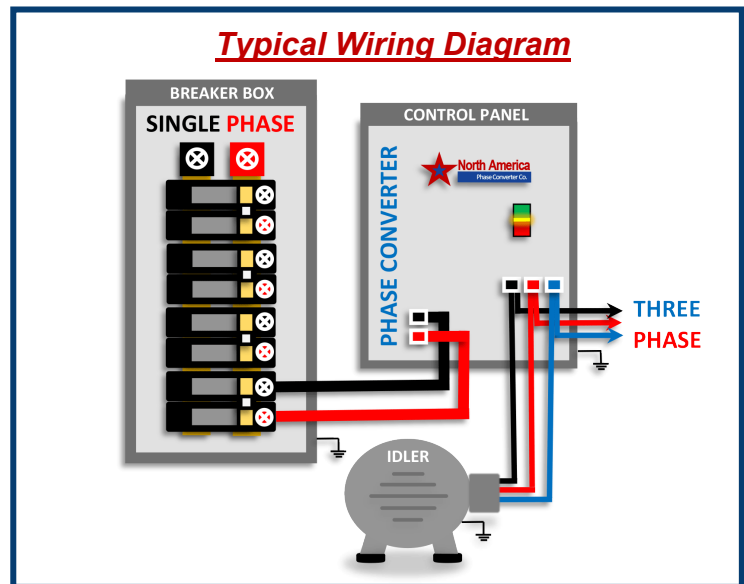
**Professional. Rugged. Affordable.** Build your own rotary phase converter with our Pro-Line CP line of control panels and your motor as an idler motor. Pro-Line CP offers more than a traditional phase converter. Built complete and loaded with features.

### Control Panel Features

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



### Typical Wiring Diagram



North America Phase Converter Co.  
2728 South 163rd Street  
New Berlin, WI 53151  
877-545-2926  
NorthAmericaPhaseConverters.com



Model	
Brand	NAPCES
Line	Pro-Line
Model #	CP-15
General Specifications	
Horse Power (HP)	15
Kilo-watt (kW)	11.2
Frequency (Hz)	60
Generator Type	Add your 15HP idler motor
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	254
Single Phase Electrical Specifications	
Voltage Input	208-245
Minimum Fuse Size	30
Minimum Circuit Breaker Size	30
Maximum Fuse Size	80
Maximum Circuit Breaker Size	80
Minimum Wire Input	8 AWG
Idle Amperage	Based on your 15HP Motor
Three Phase Electrical Specifications	
Voltage Output	208-245 based on input voltage
Output Amperage	38
Voltage Balance	2-5 %
Minimum Wire to Generator	8 AWG
Minimum Wire to Load	8 AWG
Dimensions & Weights	
Enclosure (H X W X D)	18" X 18" X 8"
Idler size	Based on your 15HP Motor
Approx. Total Shipping Weight	38 lbs.

## The CP-15 Pro-Line Phase Converter is best sized for:

### Easy / Light Motor Loads - 10 HP

Examples of Easy Loads: Table Saw, Milling Machine, Drill Press

### Medium Motor Loads - up to 7.5 HP

Examples of Medium Loads: Belt Sander, Grinder, Mixer

### Hard Motor Loads - up to 7.5 HP

Examples of Hard Loads: Gearhead Lathe, Dust Collector, Fan

### Very Hard Motor Load - up to 5 HP

Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump

CNC, Resistive and Inductive Loads: up to 20 Amps @240 Volts

## Sizing Notes

CP-15

**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

## Available Accessories



Wired and Wireless Remote Switches



Twist-Lock Outlets and Plugs



Digital Voltage Meter