

# Pro-Line UL Rotary Phase Converters **UL-30**

## Quick Specs

See back for complete specs

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

**Input Amperage Range** - 70 - 150 Amps

**Idler HP Rating** - 30HP (21.4kW)

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

**3 Phase Output Amperage** - 80 Amps

**Voltage Balance** - Based on input +/-2-5%

**Professional. Rugged. Affordable. UL.** The Pro-Line UL offers much more than you would expect from a phase converter. Loaded with features and unmatched quality.

### Control Panel Features

- UL-Listed Industrial Control Panel for the US and Canada
- 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
- 10 Year Parts / Lifetime Labor Warranty
- Made In the USA



### Idler Generator Features

- UL Recognized Component
- Custom Made Rotary Phase Converter Generators
- Soft Start Idler Generator
- Made by Baldor Electric USA
- Low Impedance/High Efficiency Design
- Available in ODP and TEFC
- Shielded Windings
- 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.



North America Phase Converter Co.  
2728 South 163rd Street  
New Berlin, WI 53151  
877-545-2926  
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Model	
Brand	NAPCES
Line	Pro-Line UL
Model #	UL-30
General Specifications	
Horse Power (HP)	30
Kilo-watt (kW)	21.4
Frequency (Hz)	60
Generator Type	ODP
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	286
Single Phase Electrical Specifications	
Voltage Input	208-245
Minimum Fuse Size	70
Minimum Circuit Breaker Size	70
Maximum Fuse Size	150
Maximum Circuit Breaker Size	150
Minimum Wire Input	2/0 AWG
Idle Amperage	7.42
Three Phase Electrical Specifications	
Voltage Output	208-245 based on input voltage
Output Amperage	80
Voltage Balance	2 - 5%
Minimum Wire to Generator	3 AWG
Minimum Wire to Load	3 AWG or based on load
Dimensions & Weights	
Enclosure (H X W X D)	18" X 18" X 8"
Idler (Approx.) Length X Diameter	19" X 11.5"
Approx. Total Shipping Weight	317lbs.

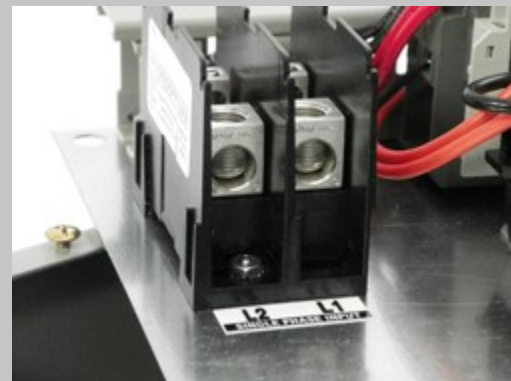
<b>The UL-30 Pro-Line UL Phase Converter is best sized for:</b>
<b>Easy / Light Motor Loads - up to 25HP</b>
<i>Examples of Easy Loads: Table Saw, Milling Machine, Drill Press</i>
<b>Medium Motor Loads - up to 20HP</b>
<i>Examples of Medium Loads: Belt Sander, Grinder, Mixer</i>
<b>Hard Motor Loads - up to 15HP</b>
<i>Examples of Hard Loads: Gearhead Lathe, Dust Collector, Fan</i>
<b>Very Hard Motor Load - up to 10HP</b>
<i>Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump</i>
<b>CNC, Resistive and Inductive Loads - up to 49amps @240 volts</b>

**Sizing Notes** **UL-30**

- 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 Stater with Start / Stop Switch**



**Oversized Power Distribution Blocks for Easy Installation**



**Complete 3 Phase Power Guard Protection**