



ROTARY PHASE CONVERTER

230V & 460V models available. Note: Only certain models are available as UL certified at this time. See chart below.

FULL POWER Phase Converter runs 3-phase equipment from single-phase power source at full power.



MODEL R-5 SHOWN

- HEAVILY LOADED APPLICATIONS
- QUIET OPERATION
- SIMPLE INSTALLATION
- MULTI-MOTOR OPERATION
- MULTI-SPEED APPLICATIONS
- RESISTIVE LOAD APPLICATIONS
- NO CHANGING MOTORS OR SWITCH GEAR
- 4 YEAR WARRANTY

USES INCLUDE: Metalworking and woodworking equipment, farm equipment, pumps, compressors, elevators, transmitters, printing equipment, food processing equipment, computers, sewing machines, air conditioners, hoists, extractors, wheel balancers, EDM machines, rectifiers, lasers, conveyors and just about any 3-phase equipment. For CNC/PLC equipment use our CNC PACKAGE PHASE CONVERTER. Ask for our CNC PAC brochure.

• **For long heavy starting loads**, instant reversing, momentarily overloaded motors, or imported equipment, contact factory or refer to application guidelines RTN, or you can find it on our web site at www.phase-a-matic.com under Rotary Converters.

• **Multiple motor applications:** Due to the high inrush current required to start a motor (5 to 10 times the normal running current), most applications require sizing the HP of the Rotary Converter 50% larger, **or more** than the horsepower of the largest motor, or any combination of motors started at exactly the same time. The first motor started, **if not running heavily loaded**, generates additional 3-phase power back into the circuit. You can then run additional motors (not heavily loaded and not all started at the same time). A maximum of up to 3 times the HP rating of the Rotary Converter can run at the same time, if not heavily loaded, and not started simultaneously. For example, a 30 HP Rotary Converter potentially could run motors totaling up to 90 HP. Contact factory for verification of sizing.

Rotary Converter Models			
230V "R" Models	460V "RH" Models*	HP**	Shipping Wt. Lbs.
R-1	---	1	32
R-2	---	2	40
R-3	---	3	65
R-5	RH-5*	5	70
R-7	---	7.5	110
R-10	RH-10*	10	125
R-15	RH-15*	15	255
R-20	RH-20*	20	280
R-25	---	25	350
R-30	RH-30*	30	365
R-40	RH-40*	40	460
R-50	RH-50*	50	505
R-75*	RH-75*	75	720
R-100*	RH-100*	100	930

*Models not yet UL certified but coming soon. WeatherPhase™ and KW models also available.

**HP the converter produces. The converter must be sized larger than the load to accommodate inrush current and other factors. See sizing notes on side 2.

- Causes no interference to radio, television, or computer equipment.
- For 50Hz operation consult factory
- F.O.B. Palmdale, California
- For larger sizes, contact factory

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