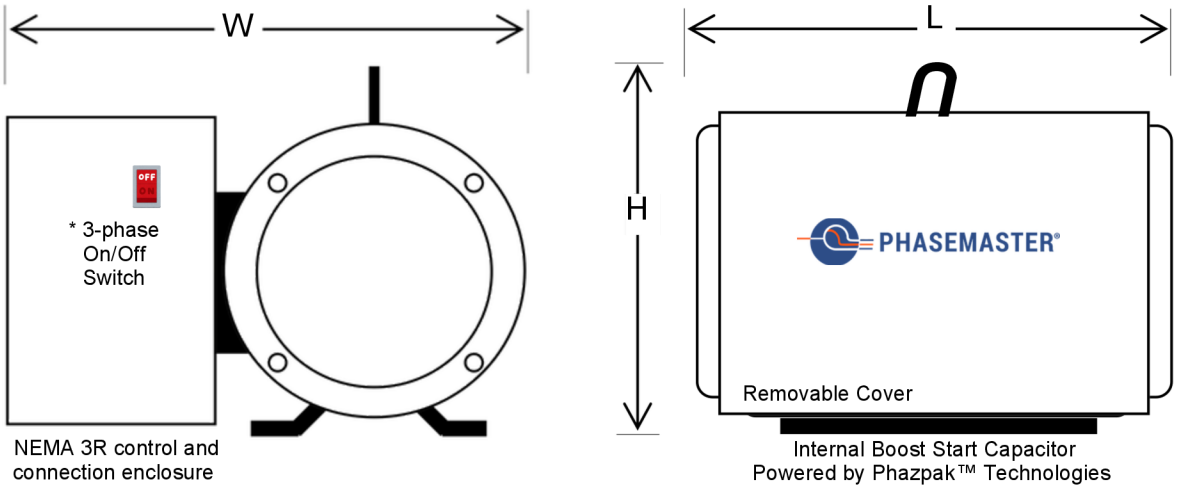
PHASEMASTER® ROTARY PHASE CONVERTER

Now Standard: *NEMA 3R Enclosure, Totally Enclosed Fan-Cooled Construction*

PHASEMASTER® TYPE MA



NEMA 3R control and connection enclosure

Internal Boost Start Capacitor
Powered by Phazpak™ Technologies

Model No.	*Start HP*	*Rotor (RT)*	*Dimensions (inches)* *L*	*W*	*H*	*Wt.*
MA-00	2	3 / 5	14	18	16	125
MA-0	3	5 / 7.5	15	18	16	140
MA-1	5	7.5 / 10	18	22	16	215
MA-1B	7.5	10 / 15	21	23	22	315
MA-2	10	15 / 20	23	23	22	380
MA-2B	13	20/25	26	28	22	510
MA-3	16	25/30	27	30	24	725
MA-4	20	30/40	29	30	24	780
MA-5	25	40/50	32	32	26	925
MA-6	30	50/60	32	33	26	1035
MA-7	40	60/75	34	34	30	1590

Increase one model size for compressors, submersible motors, and large inertia loads.
Use larger rotary size (RT) for 2% - 5% balance voltage requirements.
Multiply HP times 2.5 for maximum combined loads, must start separately with 5-7 second time delay.
When largest starting motor size repeats, select next largest size converter.
Multiple HP times 3 to calculate Amperage (A) loads, and times 1.25 to calculate Kilowatts (kW).
In cold start areas, and when in-rush is a concern Kandlestick™ Blue Pak is recommended.
When application start-up features a flywheel a Kandlestick™ Red Pak is recommended.
For voltage output other than 220v - 240v a HPS autotransformer is recommend, call us for sizing help.

NOTES: This is general information, always consult your local, state codes, and use a licensed electrician.

- Effective 4/15/2025, this drawing applies to all types of Standard model Phasemaster® rotary converters.
- See MA-Document 0302 for connection details and wire sizes
- On/Off Switch only controls manufactured 3-phase. A disconnect or 3-phase panel is required downstream to protect against single phasing out equipment.
- Actual dimensions and weights will not exceed those shown.
- Use a single phase breaker fuse 5-6 times the horsepower of the Phasemaster®.

PHASEMASTER®

Business Development

574-236-6220
phasemaster.us

Corporate Office

Phasemaster, LLC
207 E Market Street
Nappanee, IN 46624

800-348-5257

KAY INDUSTRIES incorporated

Technical Field Support

574-780-7464
support@kayind.com

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