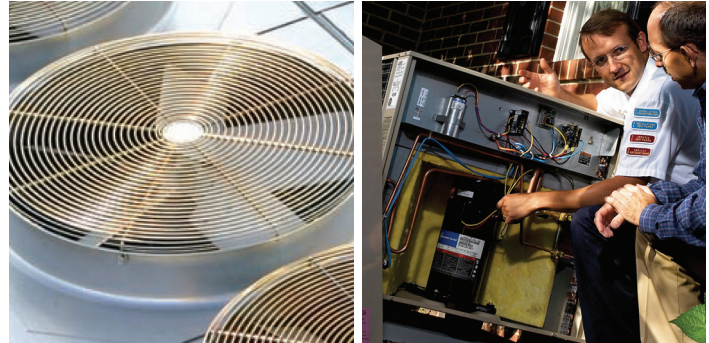


PEP® Motors

High Efficiency PSC Motors for Condenser Fan Applications



- Horsepower:** 1/2 through 1/6 HP
- Speed Range:** 1075 RPM
- Rated Voltages:** 208–230 and 460 Volts; 50/60 Hz
- Enclosure:** Totally Enclosed Air Over (TEAO)
- Motor Type:** Permanent Split Capacitor (PSC)
- Warranty:** 2 year limited warranty

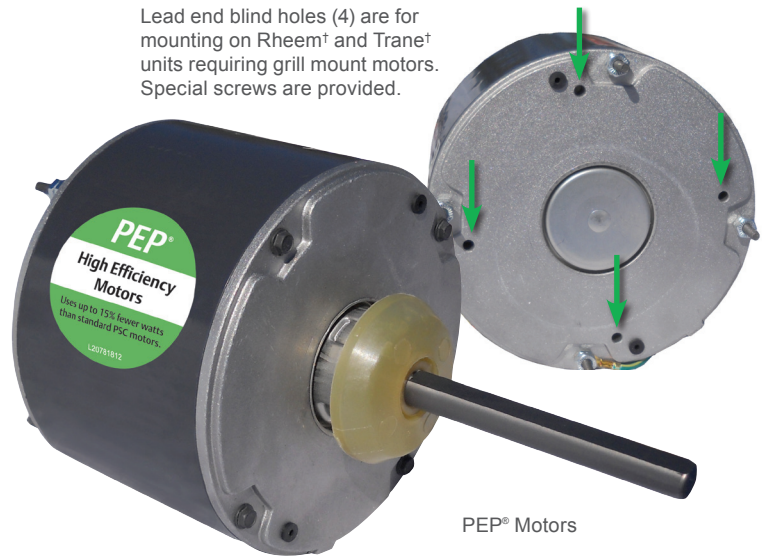


Product Overview

Product Features:

- Patented design is up to 76% efficient, saving up to 70 watts
- 158°F (70°C) rated – motor features ball bearings
- All position design with 48" leads
- 50/60 Hz Rated
- Reversible

Lead end blind holes (4) are for mounting on Rheem[®] and Trane[®] units requiring grill mount motors. Special screws are provided.



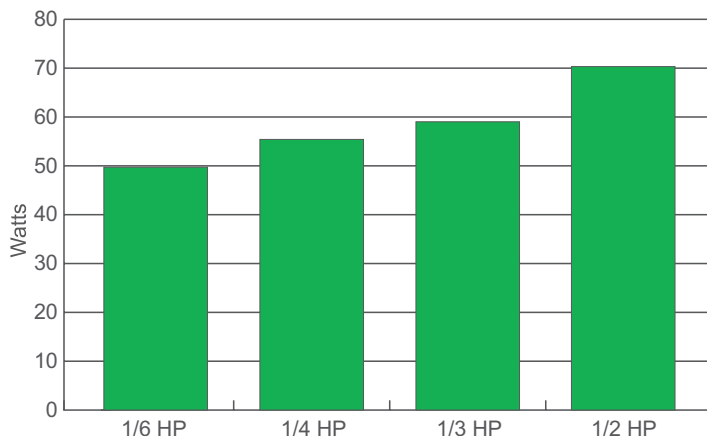
Catalog Number	HP	RPM	Volts	Cap MFD	Amps	Total Length (in.)
1859PEP	1/6	1075	208–230	5	0.9	9.1
1860PEP	1/4	1075	208–230	5	1.4	9.6
1861PEP	1/3	1075	208–230	7.5	1.8	10.1
1862PEP	1/2	1075	208–230	10	3.0	10.6
3736PEP	1/4	1075	460	7.5	0.7	9.6
3737PEP	1/3	1075	460	7.5	1.0	10.1
3738PEP	1/2	1075	460	10	1.4	10.6

Average Watts Saved

Use the motor OEMs choose for high efficiency performance

OEMs are choosing the PEP® motor as part of today's high efficiency condensing units. The more they run, the more money they can save the end user – up to 15% lower watt usage. Whether in an A/C condenser or heat pump, they are built to handle the heat and deliver the savings.

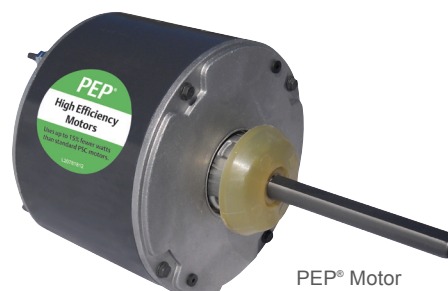
PEP® motor vs. standard efficiency PSC motor



Estimated 5 Year Savings

Standard 1/3 HP PSC motor vs. 1/3 HP PEP® motor

	\$0.12/kWh	\$0.16/kWh	\$0.20/kWh
Southern US	\$97.39	\$129.85	\$162.32
Middle US	\$79.68	\$106.24	\$132.80
Northern US	\$44.27	\$59.02	\$73.78



Improve total system efficiency with the addition of a Rescue EcoTech® blower motor – the 82% efficient indoor ECM upgrade. Save more than \$600 over a 5 year period when combined with a PEP motor installation, and raise the SEER of the A/C system by up to one point.

PSC vs. RESCUE EcoTech®

	\$0.12/kWh	\$0.16/kWh	\$0.20/kWh
1 HP	\$701	\$935	\$1,169
3/4 HP	\$526	\$701	\$876
1/2 HP	\$350	\$466	\$583

Estimated 5 year savings based on 12 hours per day operation.



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Nidec

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