

# 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

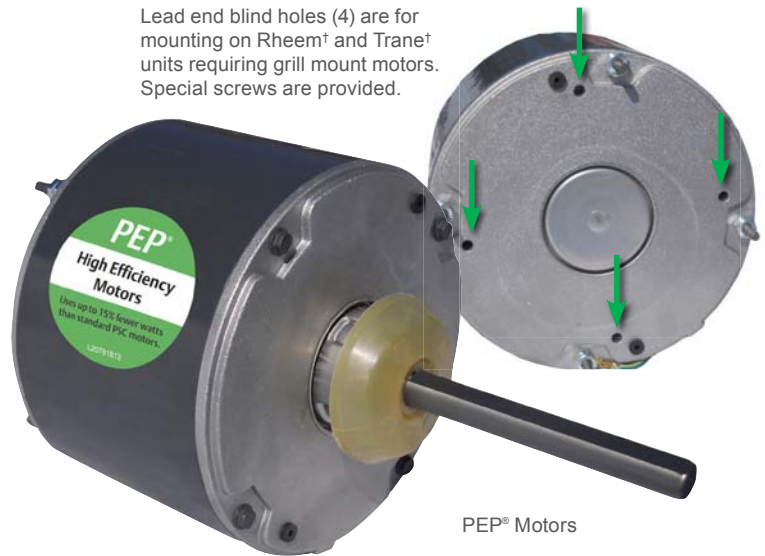


### Product Overview

#### 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.



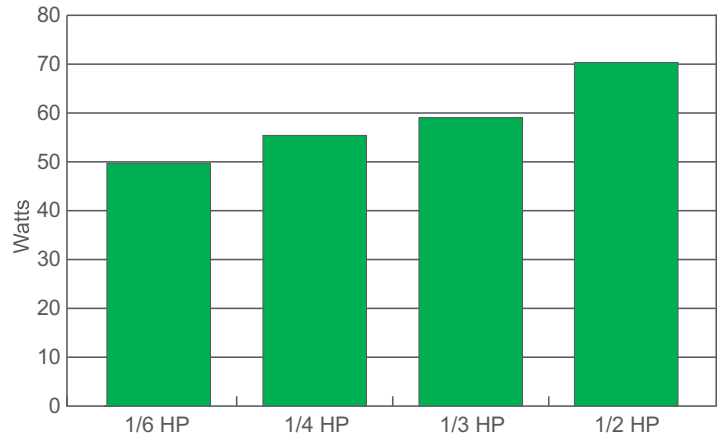
Catalog Number	HP	RPM	Volts	Cap MFD	Amps	Total Length (in.)
1859PEP	1/6	1075	208–230	5	0.9	9.1
1860PEP	1/4	1075	208–230	5	1.4	9.6
1861PEP	1/3	1075	208–230	7.5	1.8	10.1
1862PEP	1/2	1075	208–230	10	3.0	10.6
3736PEP	1/4	1075	460	7.5	0.7	9.6
3737PEP	1/3	1075	460	7.5	1.0	10.1
3738PEP	1/2	1075	460	10	1.4	10.6

## 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 in an AC System

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



### Standard 1/3 HP PSC motor vs. 1/3 HP PEP® motor in Heat Pump Applications

	\$0.12/kWh	\$0.16/kWh	\$0.20/kWh
Southern U.S.	\$163.00	\$217.00	\$271.00
Middle U.S.	\$158.00	\$210.00	\$263.00
Northern U.S.	\$155.00	\$206.00	\$258.00

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