

AC MOTOR SOLUTIONS

East West's motors production facilities in China, just outside of Shanghai, and Thailand, near the Laem Chabang Port, were designed to produce quality and efficient motors. Our highly automated facility in China houses a UL-approved witness testing facility, dynamometer, and application test operations that enables reverse engineering of existing motors or custom design of new motors.



Best-in-Class AC Motors

East West manufactures over two million motors each year, and there are more than 10 million motors in the field. Our motors business unit specializes in designing custom motors geared specifically to any customer application.



LET'S START A CONVERSATION

Today, East West manufactures millions of motors each year. We offer motor solutions from our catalog of products, or we'll partner with you to develop semi- to fully customized designs that meet both cost and performance requirements. No matter how unique the project, East West can help you solve it.

MOTOR DESIGN & MANUFACTURING

Available AC motors offered by East West include Permanent Split Capacitors (PSCs), 3.3 mm, 95 mm, 42 Frame, 48 Frame, and 56 Frame in fractional horsepower sizes up to 1 HP. Additionally, we provide testing expertise you can count on. Our engineering teams have years of experience with UL allowing us to manufacture products that meet UL standards the first time. Our testing capabilities include::

- Thermal shock
- Stop/start cycling
- Continuous run
- Locked rotor
- Acoustic
- Vibration
- Airflow testing
- HALT
- Extreme temperature

Customized Motor Offerings—

East West offers our customers a wide range of motors. In addition to the motors listed in this brochure, we can also provide custom developments to meet your unique needs.

TYPICAL APPLICATIONS

- Condenser fan
- Direct drive furnace blower
- Evaporative coolers
- Fan coil
- Filtration/room air cleaners
- Heat exchangers
- Heat pump water heaters
- Hot air convection fans
- Induced draft blowers
- Laboratory equipment
- Pump motors
- PTAC (packaged terminal air conditioner)
- Refrigeration
- Ventilation

Contact our East West
OEM Motor Sales Team to
learn more about what we
can provide for you!

Additional AC Motor Offerings—



3.3"-FRAME AC MOTOR

Frame Size	3.3"
HP Range	40 W to 1/12 HP
Voltage Range	115–230
Rpm Range	1325–3450
No. of Speeds	1 or 3
No. of Shafts	1



42-FRAME AC MOTOR

Frame Size	42
HP Range	1/30 to 1/2
Voltage Range	115–230
Rpm Range	1075–3450
No. of Speeds	1 or 3
No. of Shafts	1 or 2



48-FRAME AC MOTOR

Frame Size	48
HP Range	1/6 to 3/4
Voltage Range	115–230
Rpm Range	825–3450
No. of Speeds	1, 2 or 3
No. of Shafts	1 or 2



56-FRAME SPLIT PHASE MOTOR

Frame Size	56
HP Range	1/3 to 1
Voltage Range	115–230
Rpm Range	1140–1725
No. of Speeds	1 or 2
No. of Shafts	1