



HVAC INDUSTRY

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OUR HISTORY



Techtop has been supplying the world with reliable electric motors as an independent manufacturer since 1985. The sustaining principals of **Techtop** have been innovation, quality, affordability, customer service and sincere relationships. It is through this philosophy that **Techtop** has emerged as the best value in the HVAC industry today.

*“ Designed & Manufactured by **TECHTOP** for the USA Market ”*

In order to provide the highest level of service to our growing American customer base, **Techtop USA** was opened in 2008 outside of Atlanta in Peachtree Corners, GA. **Techtop USA** offers a fully stocked warehouse, custom modification center, fully trained customer service team and technical pre and post sale support. We are here and ready to address any of your electric motor needs.



- Family owned Global Corporation Since 1985
- 3 Established Manufacturing Facilities
- Global team of 1000+ employees
- World leader in the manufacture of Cast Aluminum Frame motors



**10 GLOBAL
LOCATIONS**

USA • CANADA • CHINA • SPAIN • DUBAI
ITALY • SINGAPORE • GERMANY • AUSTRALIA • UNITED KINGDOM

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ALUMINUM VALUE PROPOSITION



LIGHTER WEIGHT

TECHTOP's New Premium Efficient Aluminum Series utilizes a die-cast aluminum housing, end-bells, and junction box reducing the motors overall weight by an average of 25% over Rolled Steel and 45% over Cast Iron.



MODULARITY

TECHTOP's unique multi-mount foot design combined with the 90° rotatable conduit box offers adaptability for almost any motor position reducing the cost of unnecessary inventory.



CORROSION RESISTANT

A natural occurring chemical reaction between the aluminum's surface and spontaneous oxidation from the air gives aluminum the unique ability to build up an outer shield against the degradation from corrosion.



PRODUCTIVITY

A lighter weight motor will directly grow profit by reducing shipping cost, increasing labor productivity, and increasing the life of packaged application.



RUNS COOLER

TECHTOP's next generation of NEMA Premium Aluminum motors has undergone a complete redesign to meet the stringent needs of the diverse American Market. The new larger cooling fins offer a more effective design in improving heat dissipation.



INVERTER PROTECTION

Premium materials encased by a vacuum pressure impregnated resin ensure protection while running on PWM inverter output wave forms. This system exceeds NEMA MG1 Part 31 for VFD applications. Various shaft grounding methods are also available to protect the bearings from damaging shaft currents.



PREMIUM HVAC MOTORS



GENERAL PURPOSE

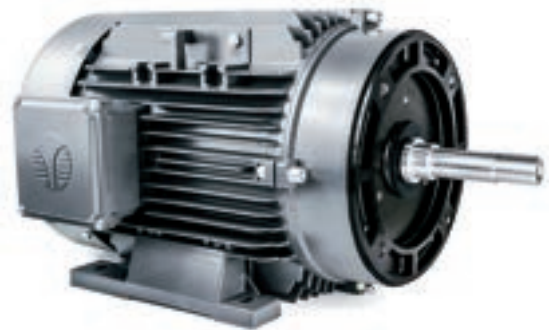
FRAME: 56C - 449T

POWER: 1/3 - 300 HP

SPEED: 1200 / 1800 / 3600 RPM

VOLTAGE: 208-230/460 V [3Φ]

- NEMA PREMIUM DESIGN
- OVERSIZED SHAFT BEARINGS
- IP 55 INGRESS PROTECTION
- ALUMINUM & CAST IRON FRAME



ALUMINUM PUMP

FRAME: 56J / 143 JM/JP - 215 JM/JP

POWER: 1/3 - 15 HP

SPEED: 1800 & 3600 RPM

VOLTAGE: 208-230/460 V [3Φ]

- NEMA PREMIUM DESIGN
- STAINLESS STEEL SHAFT
- MULTIMOUNT REMOVEABLE FEET
- LIGHTWEIGHT ALUMINUM FRAME

Our values at Techtop are centered around exceeding expectations for product design, ease of maintenance and outstanding customer service. We feel this is the ideal approach to building customer relationships. Commercial building applications require highly reliable and energy efficient products. The Techtop family of HVAC motors provides the best total value for air handling and pumping solutions throughout the industry. Electric motors that are easy to handle in difficult to reach locations through lighter weight designs will reduce your operational costs. Cooler running products with enhanced protection will extend the service life of your equipment.



OPEN DRIP PROOF

FRAME: 143T - 445T

POWER: 1 - 150 HP

SPEED: 1800 / 3600 RPM

VOLTAGE: 208-230/460 V [3Φ]

- NEMA PREMIUM DESIGN
- INVERTER RATED 15:1 CT
- IP 23 INGRESS PROTECTION
- CAST IRON & ROLLED STEEL FRAME



COOLING TOWER

FRAME: 143T - 405T

POWER: 1 - 100 HP

SPEED: 1800 RPM

VOLTAGE: 208-230/460 V [3Φ]

- NEMA PREMIUM DESIGN
- EXTRA SEALING PROVISIONS
- OVERSIZED SEALED BEARINGS
- SPACE HEATERS INSTALLED



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Visit our website and create
a log-in for access to :

LIVE INVENTORY
ELECTRICAL DATA
DIMENSIONAL DATA
BROCHURE DOWNLOADS



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