

Motor & Drive Solutions for the Water/Wastewater Industry



Engineered Capabilities to Meet Your Industry Demands

- ✓ Complete Product Line of Motors & Drives
 - MAX-VH™ Vertical Hollow Shaft Motors in Stock Up to 400 hp
 - Low Voltage AC Drives Up to 1000 hp
- ✓ Westinghouse Legacy Driven by TECO Experience
- ✓ Service & Repair Capabilities with a Full Line of Renewal Parts
- ✓ Dedicated Customer Service & Knowledgeable Technical Support Team
- ✓ Superior Product Reliability



Products and Services



**NEMA
Premium**

MAX-VH™ / MAX-VHP™

- 7.5 - 400 hp: 1800 RPM Only
- Vertical High Thrust Motors
- Weather Protected Type 1 (WPI) Enclosure
- Standard with Non-Reversing Ratchet
- Upper Coupling Changeable to Multiplier Diameters
- Steady Bushings Available
- Wound with Inverter Duty Wire



**NEMA
Premium**

MAX-E1®

- 3/4 - 800 hp: 3600, 1800, 1200, 900 RPM
- NEMA Premium Efficiency, 500 hp and Below
- 230/460V Through 125 hp, 460V for 150 hp and Larger
- Some 575V Stocked Through 125 hp
- CSA and UL Approved for Inverter Duty per NEMA MG-1, Part 31
- CSA Certified for Class 1, Div 2, Groups B, C & D, Temp Code T3C
- Footed C-Face and Round Body C-Face Stocked up to 100 hp



WORLD SERIES®

- 250 hp to 30,000 hp
- Thermalastic® Epoxy Insulation System
- Rugged Thru-Bolt Construction and End Rings
- Copper or Copper Alloy Rotor Bars
- Anti-Friction or Spherically-Seated, Self-Aligning, Split-Sleeve Bearings
- High Efficiency Designs for Reduced Life-Cycle Costs



SYNCHRONOUS MOTORS

- 1000 hp to 100,000 hp
- Anti-Friction or Spherically-Seated, Self-Aligning, Split-Sleeve Bearings
- Brush or Brushless Excitation
- Thermalastic® Epoxy Insulation System
- High-Speed and Slow-Speed Designs Available
- VFD Applications Available
- Special Mill and Marine Duty Designs Available



MA7200 Plus

- Pumping Control Software Package Included
- Flexible I/O Capabilities
- Available as Stand-Alone or Packaged with Auxiliary Controls
- LCD Monitor that Stores Configuration in Memory
- RS485 Communications with RTU Modbus as Standard
- Sensorless Vector, V/ Hz, and PG Control Feedback



EQ7

- 1-1000 hp
- Intelligent Keypad with Extensive Diagnostics
- Select Any of 4 Control methods
 - V/ Hz
 - Dynamic Torque
 - Sensorless Vector
 - Closed-Loop Vector
- Quick-Setup Menu on Keypad
- External Mounting of Heatsink
- Extensive I/O Capabilities



LARGE MOTOR SERVICE

- Repair and Refurbish all Brands of Large Motors
- Engineering Studies and Evaluations
- Expert Field Service and Technical Assistance
- Redesign and Uprate of Westinghouse and TWMC Motors
- Repairs Using OEM Materials and Process for Longer Life
- Engineered Solutions to Large Motor Problems
- High Voltage (to 13.8kV) Repairs with Global VPI
- Dual Frequency Load Testing
- Service Division Hotline
888-754-5006



RENEWAL PARTS

- Renewal Parts for Over 500,000 Westinghouse and TECO-Westinghouse Form Wound/ High Voltage Motors Built in Pittsburgh, PA; Buffalo, NY; and Round Rock, TX.
- Engineered Replacement Components
 - AC Rotors and Stators
 - DC Armatures, Field Frames, and Commutators
 - Field Pole Assemblies
 - Replacement and Improved Design Cooling Packages (WPII, TEWAC, and TEAAC)

For more information about our complete line of products & services, visit us at www.tecowestinghouse.com.

TEC   **Westinghouse**

