

the dawn of a new day for motor reliability



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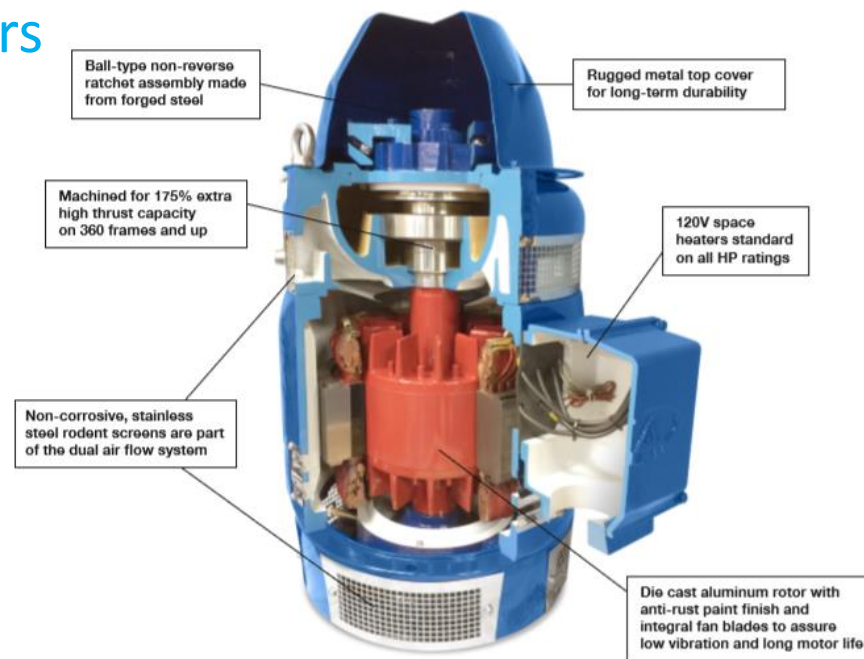
Vertical Motor Product Offering

- Vertical Hollow Shaft & Solid Shaft Pump Motors
 - UL Listed for NEMA Premium Efficiency and Construction from 7.5HP – 1000HP (60Hz 4Pole)
 - Can offer true 50Hz
 - Can offer 720, 900, 1200, 1800, 3600 RPM
 - Can offer medium or high voltage
 - Comes in WP1 enclosures (TEFC enclosures up to 250HP)
 - Can build in IP54 - IP68 enclosures
 - Couplings, space heaters, thermistors, non-reverse ratchets comes standard in our offering
 - Designed to be “drop-in replacement” for all major brands



Product Specifications/ Construction Differentiators

- Cast iron frame construction makes our motors weigh 20+% more, which lends to lower vibration and better heat dissipation
- Cast iron top covers are standard up to 30HP
- Cast iron conduit boxes are standard up to 449TP Frame (350HP)
- Oversized aviation angular contact bearings – P5/ABEC5 comes standard and high thrust comes standard from 300-1000HP
- Oversized conduit boxes for ease of installation
- Extended fins on the rotor contribute to increased airflow and improved cooling
- Double VPI (vacuum pressure impregnation)
- Stainless steel ventilation and rodent screens
- Precision winding
- Rubber partitioning to reduce dust accumulation inside the motor
- Anti-rust treatment and/or painting of motor parts



Quality Construction

- UL Certified for both construction and efficiency levels
- UL Approved insulation system (NEMA MG-1 Part 31 Inverter Duty)
- Non-Hygroscopic epoxy varnish
- Dual air flow system

Superior Durability

- Cast-iron construction
- Durable metal top cover
- Oversized conduit box
- Precision vibration tolerance as low as .02 velocity (IPS – Peak)

Built-In Protection

- Positive Temperature Coefficient thermistors
- Space heaters
- Forged ball-type non-reverse ratchet
- Insulated Upper Thrust Bearings (an option)

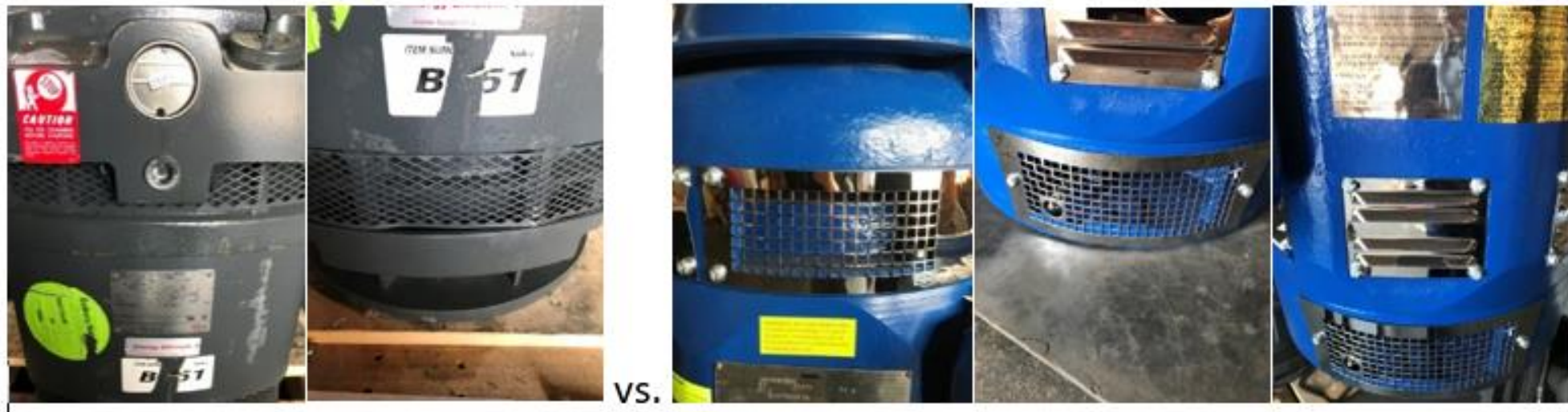


New Product Offerings

- Vertical Fire Pump Motors
 - UL Listed Fire Protection @60hz 4Pole
 - UL Listed Fire Protection@50Hz 4Pole and 2Pole
 - UL Listed for Premium, High and Standard Efficiency
 - Feature set:
 - Comes with everything in our premium efficiency line plus additional features including steady bushings, inductive absorber, and IIoT connected device options



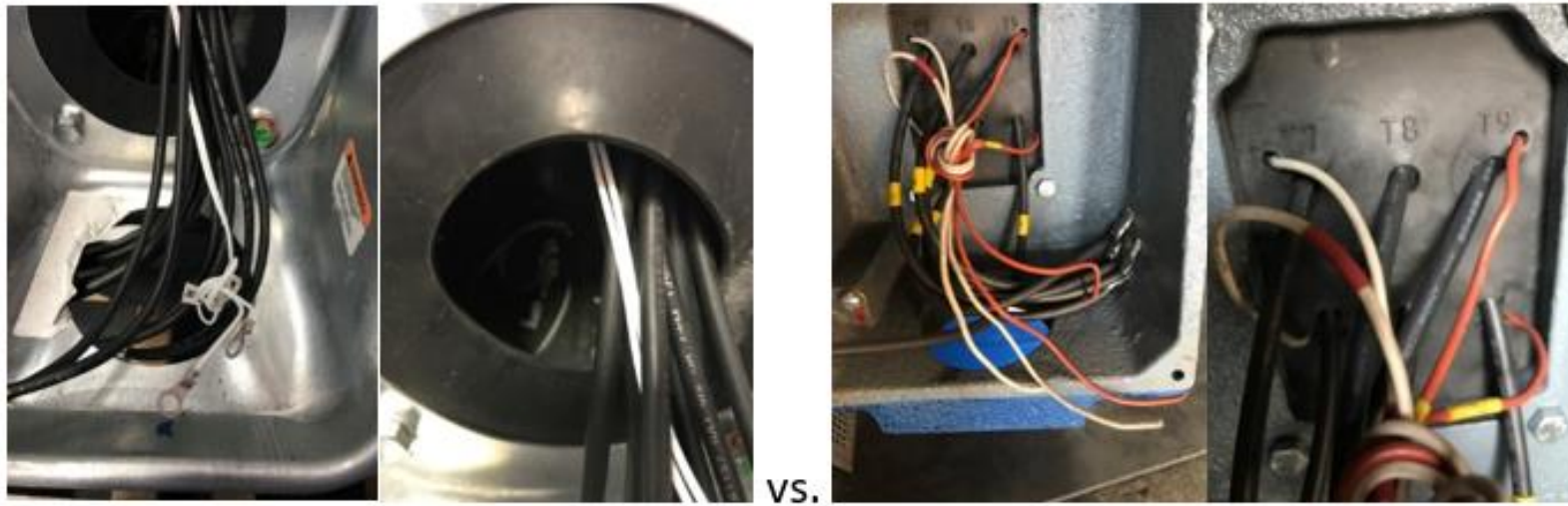
A/B Comparison Images



Ventilation and Rodent Screens – ADDMOTION offers stainless steel



A/B Comparison Images



Thermistor/Space Heater – ADDMOTION offers this as a standard and inserts a protective rubber partition



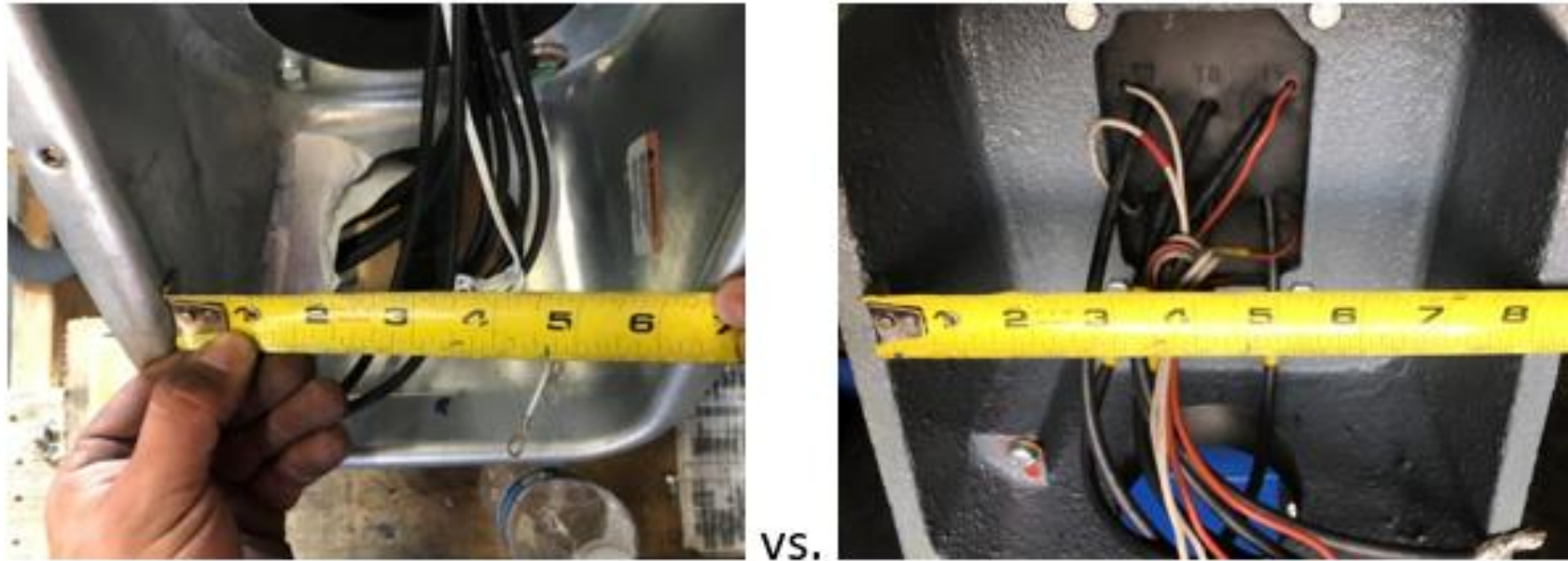
A/B Comparison Images



Conduit Box – ADDMOTION offers cast iron



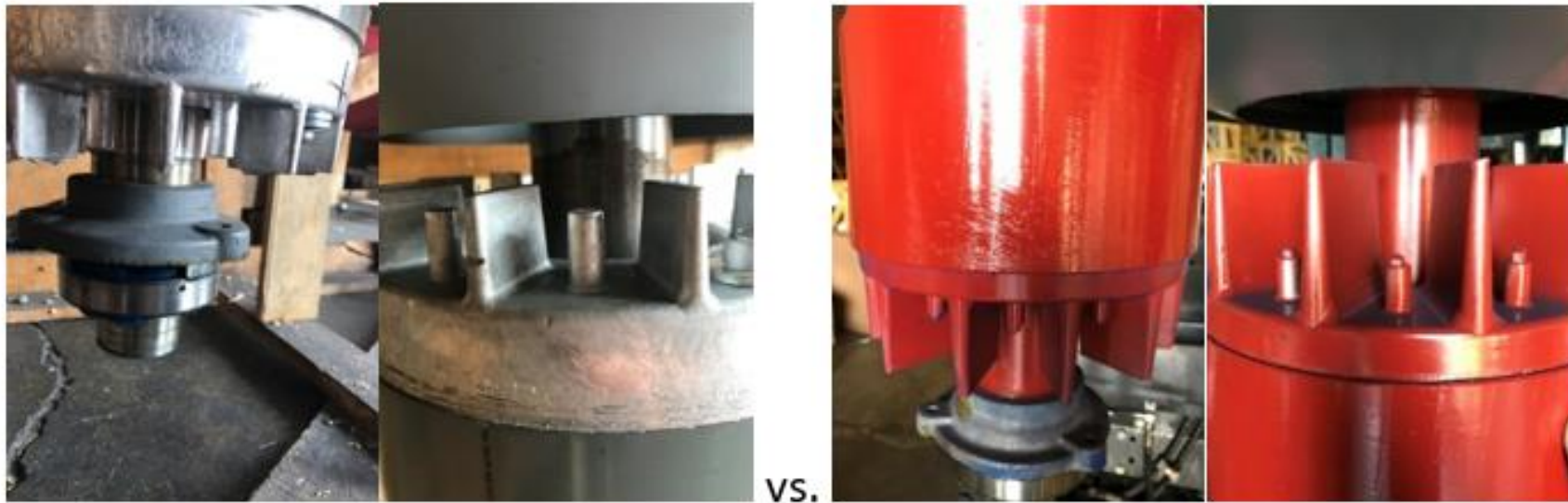
A/B Comparison Images



Conduit Box – ADDMOTION offers oversized conduit box (ex. Shows 8" vs 6.5")



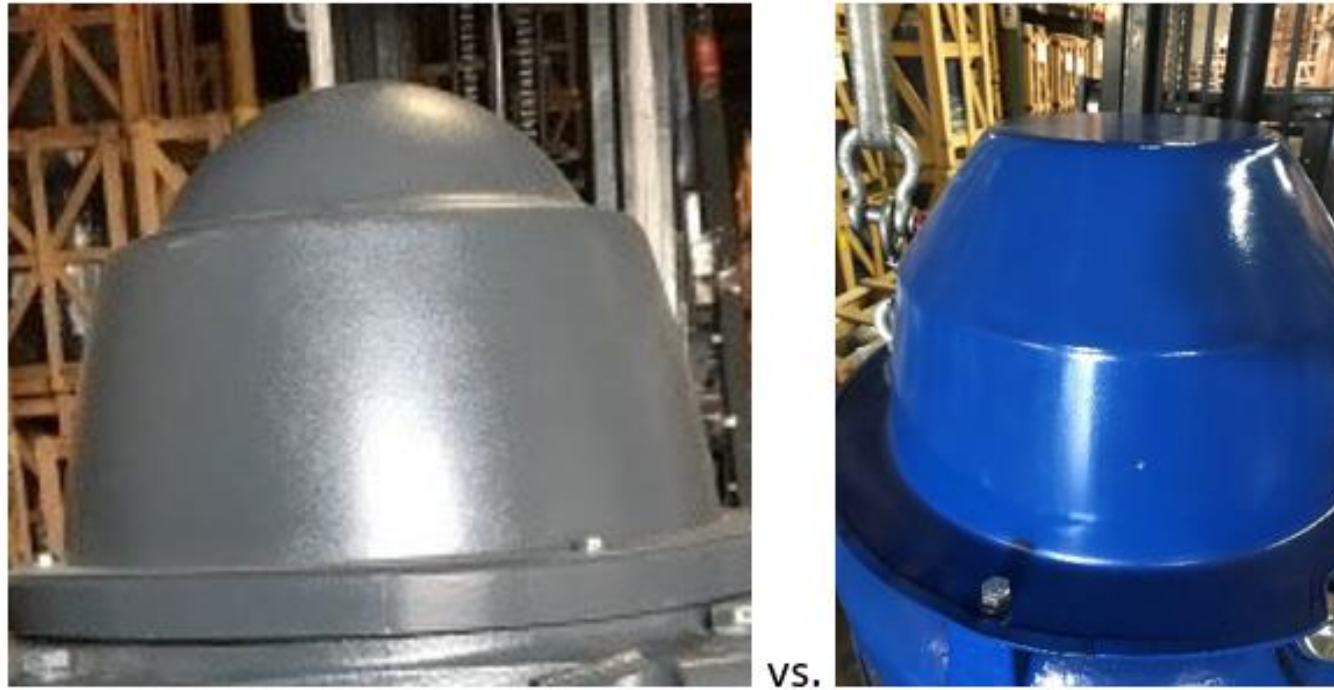
A/B Comparison Images



Top and Bottom Fins – ADDMOTION deploys elongated fins



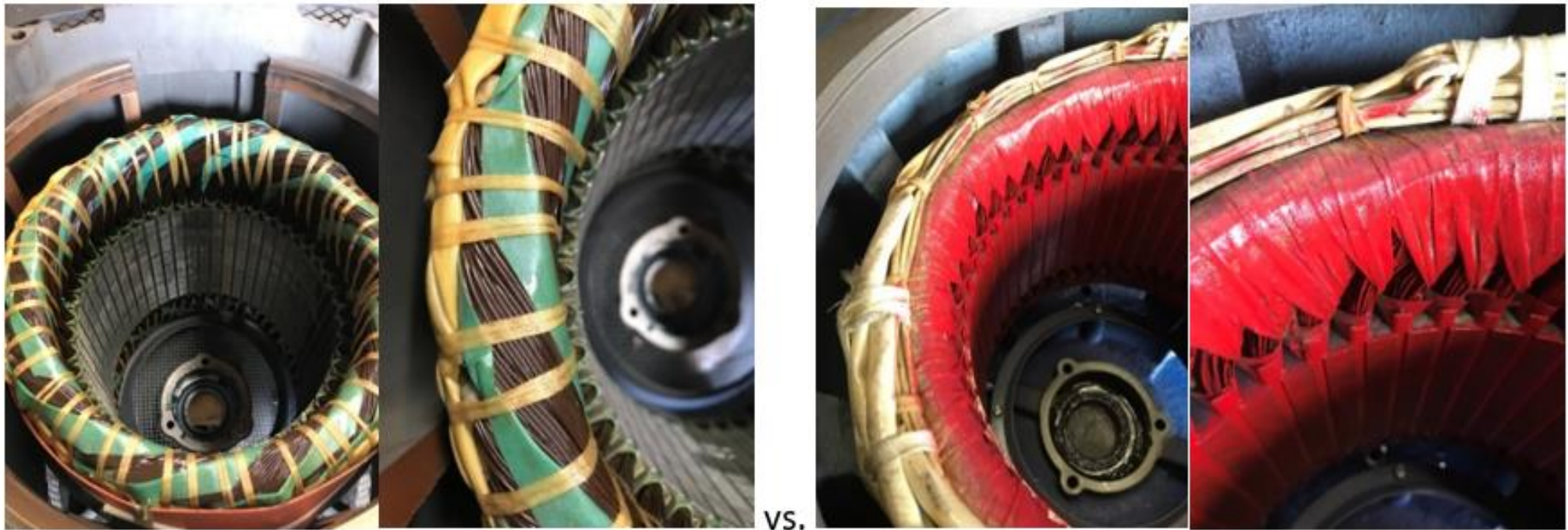
A/B Comparison Images



Top Hat – ADDMOTION Offers rolled steel in large HP and cast iron in smaller HP



A/B Comparison Images



Windings – ADDMOTION deploys precision winding



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