



DRIVEN BY POSSIBILITY™

# THERMALPRO™ ELECTRIC WATER PUMPS



Our ThermalPro electric water pumps are expertly engineered to maximize fluid flow in a compact design while being energy efficient and reliable.

## ELEVATE THE POWER, REDEFINE THE LIMITS

From the early days in thermal management, we have always been a step ahead - leading the charge to keep critical systems running.

AXIAL FLUX  
MOTORS ARE UP TO **25%** THAN TRADITIONAL  
MOTORS  
**MORE EFFICIENT**

## FEATURES AND BENEFITS

- **High-efficiency cooling:** Maximizes coolant flow, reducing energy consumption and operational costs
- **Improved cooling density:** Effectively manages greater heat transfer in compact environments
- **Modular and scalable:** Adapts to various Coolant Distribution Unit configurations
- **Detection capability:** Monitors for systems issues such as cavitation, air bubbles, or blockages

## LEGACY OF LEADERSHIP

Gates has a rich history of innovation in thermal management, beginning with automotive cooling systems and extending to industrial HVAC systems. This experience has positioned the company at the forefront of maintaining critical systems. With over a century of expertise, Gates has now adapted its advanced thermal management solutions to address the complexities of data center cooling systems. This evolution reflects our commitment to staying ahead of industry demands and ensuring optimal performance in critical environments.



ELECTRIC WATER PUMP PRODUCT FAMILY				
SINGLE PHASE RADIAL FLUX MOTOR	THREE PHASE RADIAL FLUX MOTOR	THREE PHASE AXIAL FLUX MOTOR		
				
LOW POWER < 30W	MID POWER 30W - 100W	HIGH POWER 100W - 2500W		
FLOW RATES UP TO ~20 L/MIN	FLOW RATES UP TO ~35 L/MIN	FLOW RATES UP TO ~400L/MIN		
FEATURES AND BENEFITS				
 <p><b>SCALABILITY</b> Effortless adaptability to diverse data center configurations</p>	 <p><b>LEAK-PROOF DESIGN</b> Offers long-term reliability by intentionally eliminating leak and failure points</p>	 <p><b>INTEGRATED MONITORING</b> Provides real-time feedback, enabling proactive maintenance and boosting system uptime</p>	 <p><b>REDUCED NOISE LEVELS</b> It reduces typical vibrations and mechanical friction, ensuring a quieter environment</p>	 <p><b>EASY TO INSTALL</b> Its small body and light weight make it easy to integrate into complex cooling systems</p>



**CLICK OR SCAN TO  
EXPLORE MORE DATA  
CENTER COOLING SYSTEMS**

**ASK YOUR GATES  
REPRESENTATIVE FOR  
MORE INFORMATION**