

GATES® THERMALCOOL™ STAINLESS STEEL PUMP

FOR DATA CENTERS

High differential pressure performance for AI and hyperscale liquid cooling.

- Up to 4.5 bar differential pressure
- Flow rates up to 200 L/min
- Stainless steel wetted construction
- OCP-compliant wetted materials
- Integrated motor cooling loop
- 4U rack compatible
- Parallel operation for N+1 redundancy
- CANBUS communication
- IP55 protection



OPEN
Compute Project

SOLUTION PROVIDER®

As an **OCP Solution Provider**, Gates is actively engaged in delivering, integrating, and supporting OCP-aligned solutions within the broader ecosystem giving our customers access to modern infrastructure technologies and the expertise, supply chain alignment, and strategic guidance needed to deploy them successfully at scale.

Purpose-built for data centers: Unlike industrial pumps adapted for CDU service, the Gates W330010-400 was developed specifically for modern liquid cooling architectures.

Scalable architecture: Parallel pump capability enables N+1 redundancy and future cooling capacity expansion.



Advanced thermal management: Integrated motor cooling rejects up to 95% of motor heat to the working fluid while supporting operation in ambient temperatures up to 50°C.

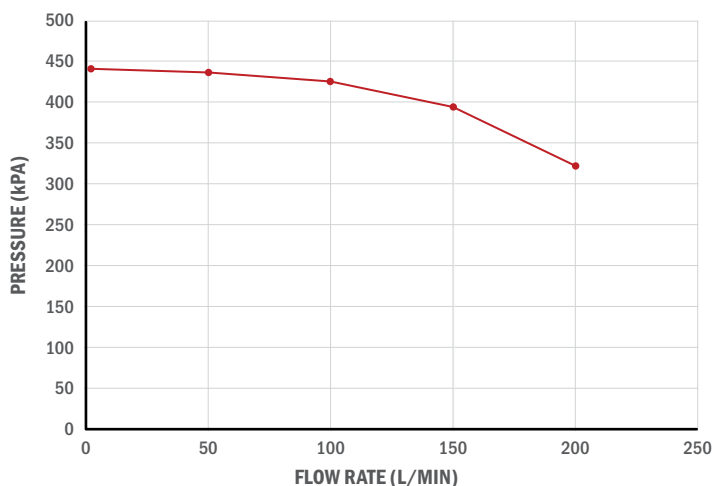
Easy integration: Small footprint, configurable volute, and flexible mounting simplify integration into CDU systems.

Available with VDA and tri-clamp options.

STAINLESS STEEL PUMP TECHNICAL DATA

PARAMETER	VALUE
Model	W330010-400
Maximum flow	200 L/min
Maximum pressure drop	4.5 bar
Input voltage	48 VDC
Motor power	2.1 kW
Maximum current consumption	44 A
Communication	CANBUS / MODBUS
Maximum RPM	7,000
Ingress protection	IP55
Maximum coolant temperature	149°F (65°C)
Maximum ambient temperature	122°F (50°C)
Weight	21 lb (9.4 kg)
L x W x H	191 mm x 189 mm x 175 mm
Motor cooling	Integrated Liquid Cooling
Wetted materials	OCP-Compliant
Mounting	Chassis or Manifold
Hydraulic curve	Configurable
Pump life	50,000 hrs

PUMP HYDRAULIC PERFORMANCE



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