

Integrated Heat Management Solution for Electronics Cooling

Many data centers are transitioning from traditional air cooling to liquid cooling solutions for improved thermal performance. CDUs, DCLC systems, and immersion cooling technologies all rely on heat exchangers to transfer and remove heat from electronic components efficiently.

MARKET ADVANTAGES

Motors

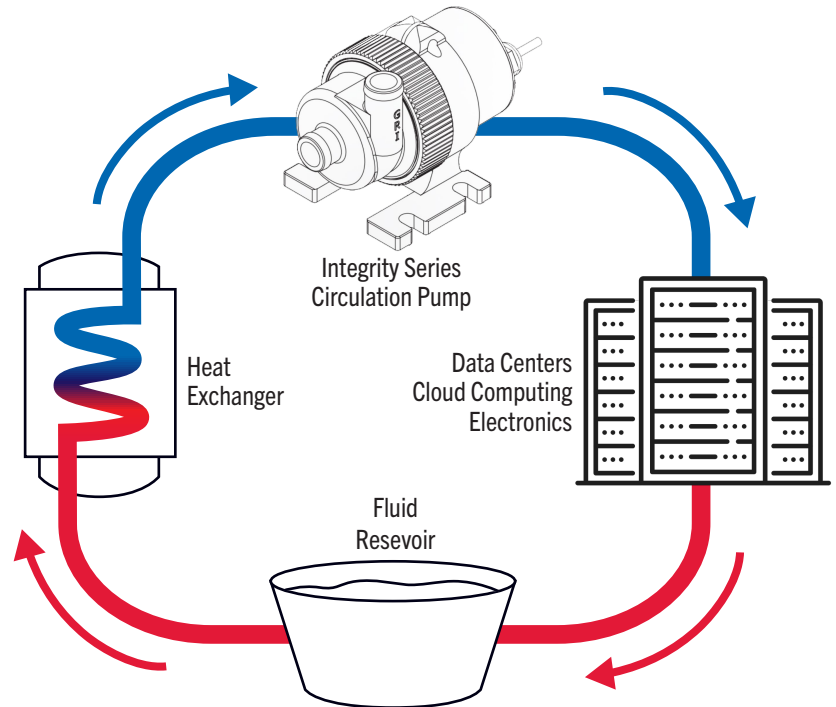
- Brushless DC (BLDC)
- 12–48V operation range
- Manufactured in-house by GRI
- Designed for OEM customization
- Electronically controllable motor speed for application-specific flow and pressure requirements

Magnetic Drive Technology

- Seal-less, leak-free design
- Motor fully isolated from fluid
- Improved reliability and reduced maintenance risk

OEM Configuration Options

- Multiple suction and discharge port configurations
- Control Options
 - Analog: 0-5v DC signal
 - Digital: PWM
 - CAN-Bus
 - Tachometer feedback



Pump Series	Maximum Flow GPM, (LPM)	Maximum Head (FT, (PSI))	Maximum System Pressure	Motor Specs/Voltages
INTG1	3.0, (12.0)	22.0, (10.0)	50 PSI	12-36 VDC
INTG3	8.85, (33.5)	37.0, (16.0)	75 PSI	12-24 VDC
INTG7	22.0, (83.0)	80.0, (35.0)	75 PSI	12-48 VDC
INTG8	39.0, (145.0)	70.0, (30.0)	75 PSI	12-48 VDC

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