

HWC - DUAL MAGNA3

HOT WATER CIRCULATOR PACKAGE

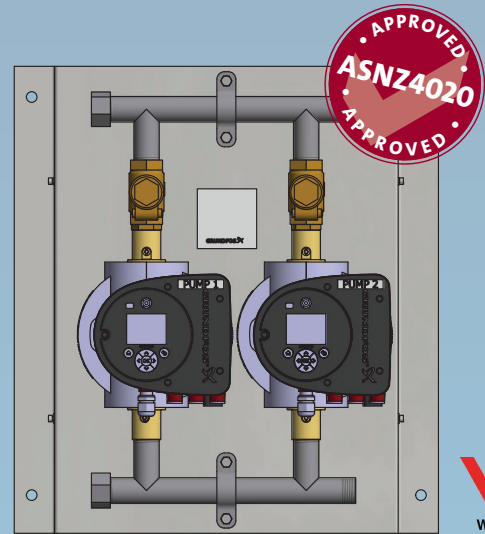
Grundfos' range of HWC Dual MAGNA3 Hot Water Circulator Packages ensure seamless delivery of hot water through a ring main configuration. Each pre-engineered system is assembled at our Regency Park facilities in South Australia and features two duty standby MAGNA3 pumps, mounted on a galvanised steel base frame.

MAGNA3 N PUMP - FEATURES & BENEFITS

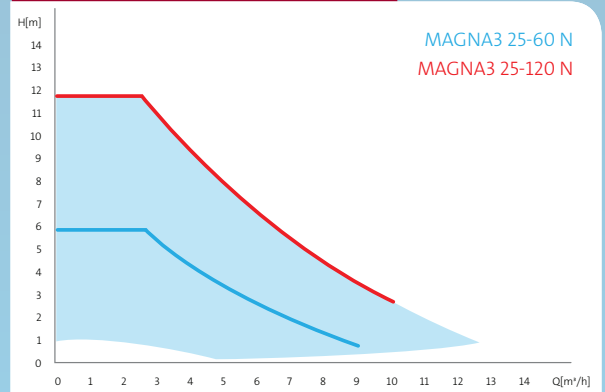
- **Integrated variable speed** allows the pump to adjust to the needs of the application, improving pump efficiency and reducing energy consumption
- **Multiple control modes** offer the ability to optimise the system through constant differential temperature (via external sensor), constant differential pressure & flow limit functionality
- **The stainless steel pump housing and manifolds** for excellent corrosion resistance and long life
- **Integrated bronze isolation valves** allow for the removal of one pump, whilst the other is in operation
- **Wireless multi-pump functionality** allows the for seamless alternating, standby or cascade operation without the need for a control panel
- **Integrated Input/ Output Package** (1 x analogue input, 2 x relay outputs, 3 x digital inputs) for better system monitoring and optimal pump regulation
- **Alternating pump functionality** available where one pump doesn't always carry the load
- **Operation and alarm potential free** relays on a marked terminal strip for BMS
- **Building Management System (BMS) integration** – Bus communication for advanced BMS via optional CIM interface card
- **Integrated sensor** for differential pressure or temperature control
- **Calculated flow rate function** indicates the flow rate through the pump on the display
- **"Grundfos Eye"** for easy identification of the operating condition

CONSTRUCTION

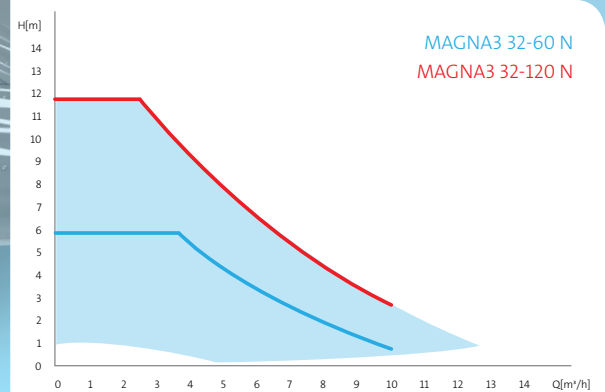
- Stainless steel pump housing and manifolds (MAGNA3)
- Bronze non-return and shut off valves (MAGNA3)
- Comes standard with a rain cover for outdoor installation
- Galvanised steel frame base frame
- Stainless steel pipework and fittings (brass union set)



MAGNA3 25-60 N / 25-120 N



MAGNA3 32-60 N / 32-120 N



TECHNICAL DETAILS

System	Pump Model	Part No.	Connection Size DIN	Mains Voltage	System Pressure	Approx. Weight
Small	MAGNA3 25-60 N	99726689	¾" BSP	1 x 240 V, 50 Hz	10 bar / 1000 kPa	27.6 kg
	MAGNA3 25-120 N	99726690	¾" BSP	1 x 240 V, 50 Hz	10 bar / 1000 kPa	27.8 kg
Large	MAGNA3 32-60 N	99726691	1 ¼" BSP	1 x 240 V, 50 Hz	10 bar / 1000 kPa	29.4 kg
	MAGNA3 32-120 N	99726692	1 ¼" BSP	1 x 240 V, 50 Hz	10 bar / 1000 kPa	29.9 kg

All packages are shipped with a rain cover, required for outdoor installation.

ACCESSORIES

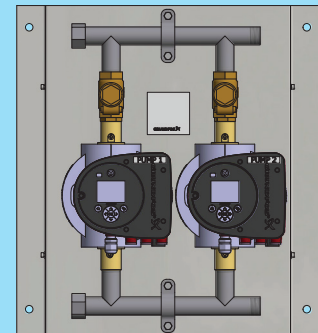
GRUNDFOS GO

GRUNDFOS GO is the mobile toolbox for professional users on the go. Save valuable time on pump control, reporting and data collection with the most comprehensive mobile platform on the market.

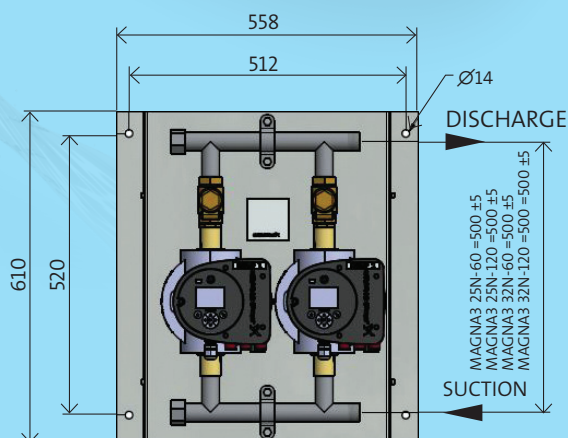


CIM MODULES

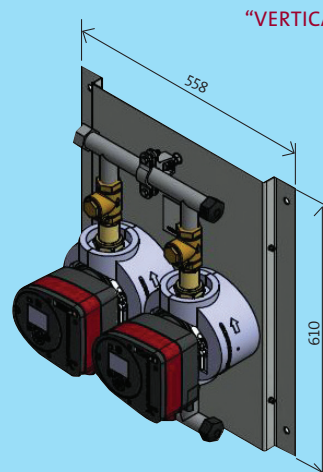
For connection to Building Management Systems, Grundfos supplies a range of Communication Interface Modules (CIM) with the following Fieldbus protocols: LON, Profibus, Modbus, SMS/ GS, M/GPRS and BACnet.



DIMENSIONS



PLAN VIEW



ISO VIEW

