

Dual Hot Water Circulation Pumps

Specification Guide

Commercial hot water systems are generally installed with flow and return circulation pumps designed to manage water temperature within a reticulation system. They need to be designed to overcome inherent friction losses within the associated pipe network and last the test of time

The Rinnai circulation devices, using Grundfos UPS & UPM circulators, are perfect for large or small commercial applications. The unique and intelligent controller monitors the reticulation temperature and controls both pumps to maximise temperature stability yet minimise energy usage.



Features

- 12 or 24 hr selectable duty/standby pump rotation for prolonged life
- Automatic pump alternation if the current duty pump experiences a fault
- Exclusive Grundfos UPS & UPM pump design
- Individual pump Isolation valves and check valves
- Fully insulated pipework
- Assembled on a purpose made backing plate for easy on-site mounting
- Suitable for internal or external installation
- Weatherproof cover (not shown in the image for clarity)
- LCD display including live temperature read-out
- Push button control with easy maintenance and fault-finding functionality
- Real time pump operating hours log
- BMS output
 - Common Pump Fault (Volt Free Contact)
 - Modbus/BACnet for
 - Pump Status
 - Pump Run Hours
 - Live Temperature
 - Pump Faults

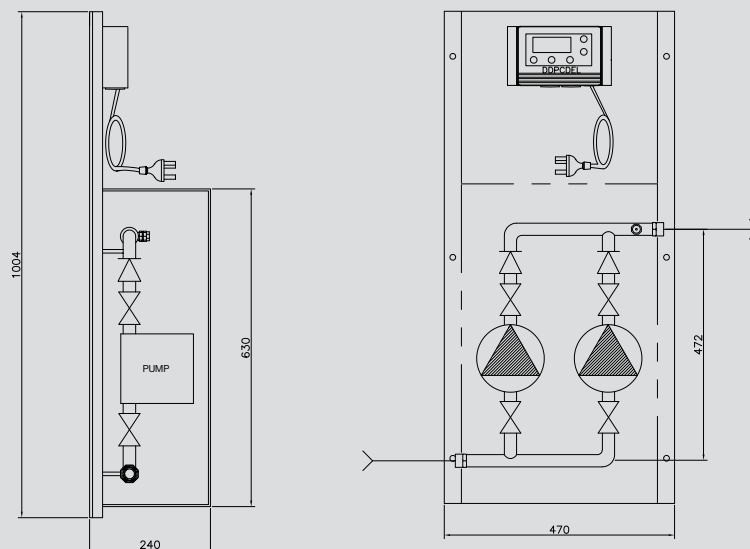
Model	DDDP2060NFDPC	DDDP2580NFDPC	DDDP32100NFDPC	DDDP25125NFDPC
Pump Model	UPS 20-60	UPS 25-80	UPS 32-100	UPM 25-125
Pump Connection size (mm)	20	25	32	25
Number of Pumps	2	2	2	2
Common Manifold Size (mm)	32	32	50	32
Power Supply (V/phase/Hz/FL Amps)	240/1/50/0.46	240/1/50/0.98	240/1/50/1.52	240/1/50/1.5

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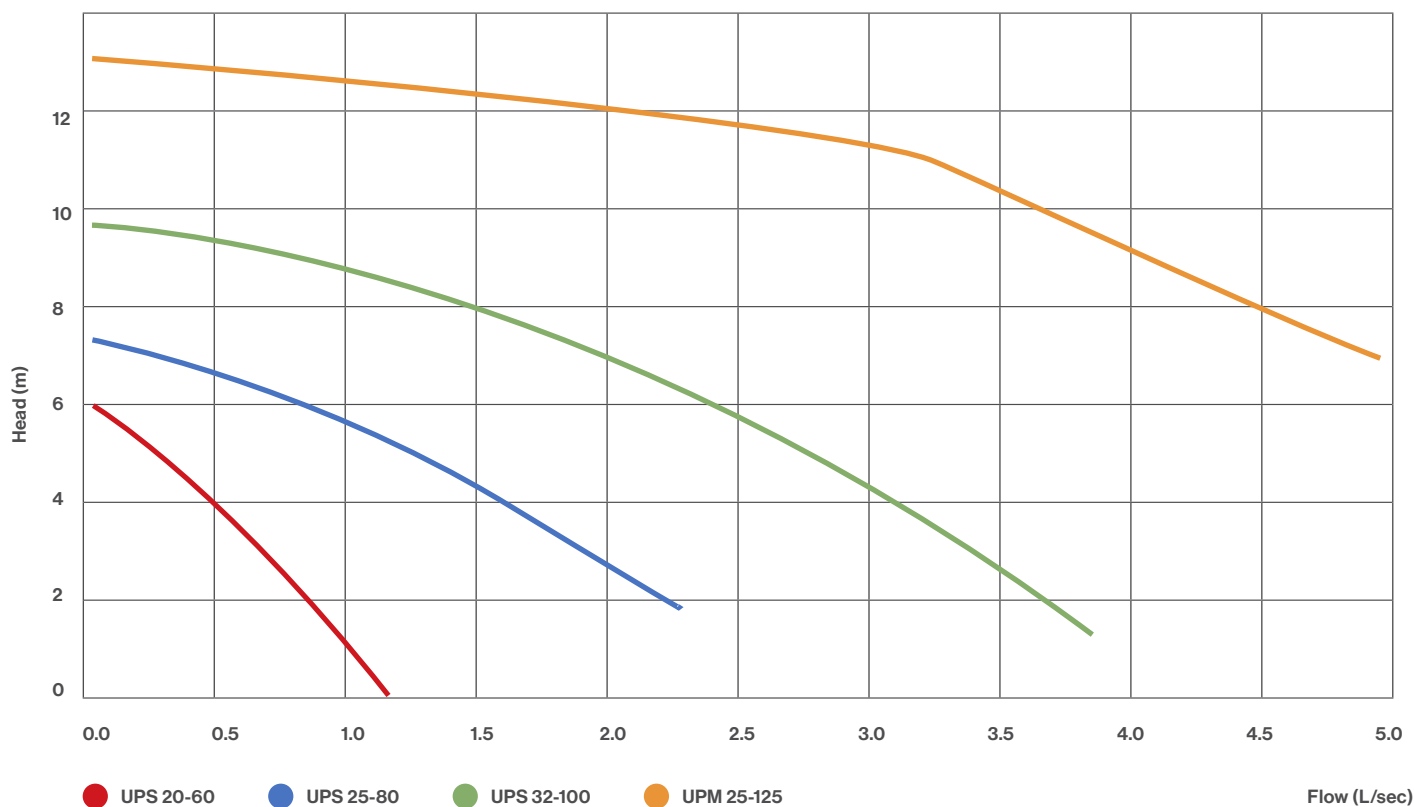
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Dimensions



Pump Curves



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