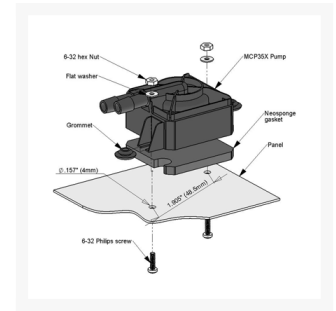




Swiftech MCP355 12 VDC DDC Pump

\$83.95

Product Images



Short Description

Introducing the MCP355™ pump: despite a remarkably small footprint of 2.4" square, the MCP355 features an astounding 20ft of head to provide superior flow rates in today's most complex liquid cooled systems. The MCP355 is also a high reliability, high pressure industrial pump, featuring a 50,000 hour MTBF (5 year lifetime).

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Retention Mechanism

- The MCP355™ can either be installed with the built-in neoprene pad featuring a peel-off adhesive back, or permanently with thru-bolts.

Features

Summary of features and benefits

- Small Footprint: 2.4" x 2.4" x 1.5"
- 50,000 hours MTBF (Mean Time Between Failure) equivalent to 5 years lifetime.
- Superior 12 Volts DC convenience: plugs into the computer power supply
- The MCP355™ can be used with full confidence in any MP servers, and high-end workstations.
- Superior real world performance thanks to its high pressure characteristics (20ft of head). The MCP355™ is particularly well adapted to the proliferation of daisy-chained liquid cooling devices in a single circuit: Multiple Processors, Chipset, Graphics, and Hard Drives.
- 3/8" barb fittings.
- No maintenance when used with de-mineralized water, and anti-fungal additives (Our HydrX™ additive is recommended)
- Quick installation with adhesive neoprene pad, or permanent installation with screws and grommets.
- RPM sensor plugs to 3 pin motherboard fan connectors and reports impeller rotational speed

A Note of Caution! the MCP355 generates higher audible noise than the [MCP350](#) and [MCP655](#) pumps. This product is not recommended for users seeking silent operations.

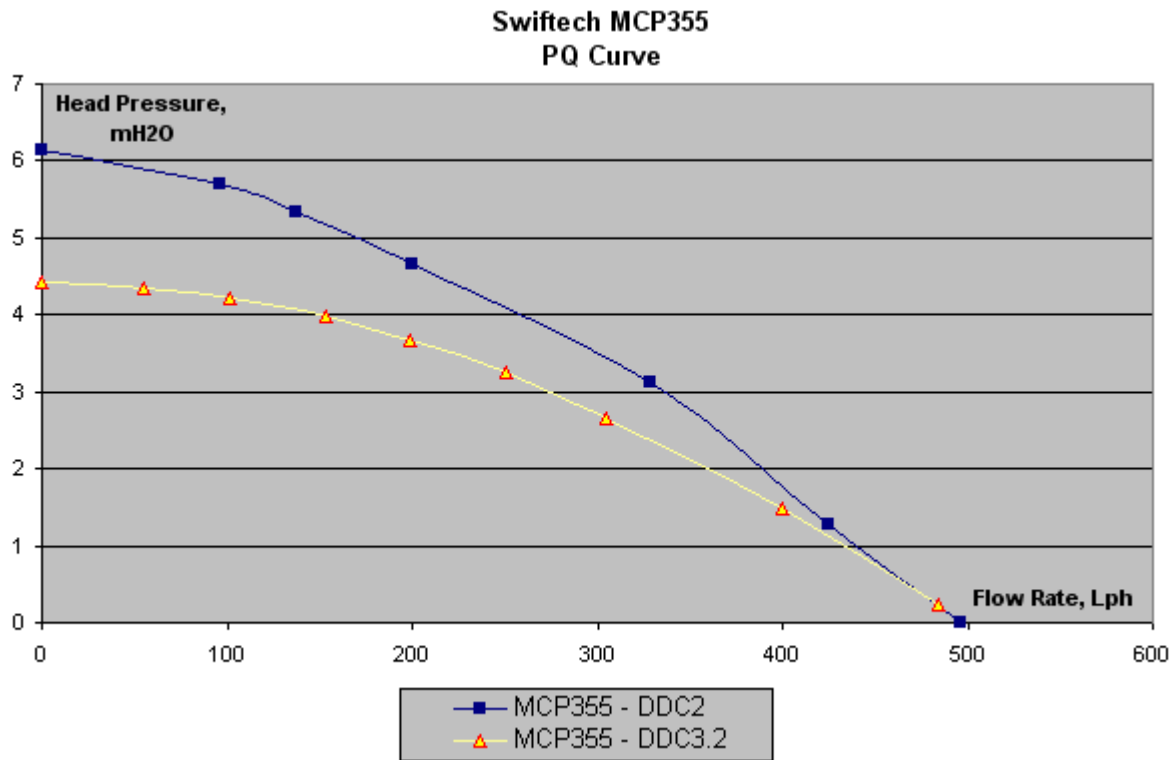
Specifications

Technical specifications

Nominal voltage	12 V DC
Operating voltage range	8 to 13.2 VDC
Minimum starting Voltage	9 VDC
Nominal power (@ 12 V)	14-19 W
Nominal current (@ 12 V)	1.16-1.58 amps
Nominal head (@ 12 V)	15 ft (4.5 m)
Nominal discharge (@ 12 V)	~ 120 GPH (454 LPH)
Connection size	3/8" barbs (10mm)
Maximum pressure	22 PSI (1.5 BAR)
Temperature range	Up to 140°F (60°C)
Electrical connector	Molex 4 pin

Weight	7.3 oz (207 gr.)
Our noise measurement (non lab environment)	30 ~ 32 dBA in a quiet room @ 2'
Motor type	Electronically commutated, brushless DC
Pump MTBF (Mean Time Between Failures)	50,000 Hours
RPM Signal	Yes

PQ Curve



Dimensions



Exploded View

Additional Information

Brand	Swiftech
SKU	MCP355
Weight	2.0000
Color	Black
Pump Type	DDC
Pump Voltage	12 VDC

