



Swiftech MCP35X-BK 12 VDC Pump

\$180.95

Product Images



Short Description

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The MCP35X-BK™ pump is a substantial evolution from the long established MCP355 series. It differentiates itself from its sibling by two primary features:

The pump housing:

- has been redesigned to provide considerably enhanced hydraulic performance;
- is compatible with multiple tubing options thanks to the adoption of the G1/4 port
- can host an optional "built-in" reservoir;
- is also sold separately, and remains compatible with all MCP3XX series pumps

Features

- Small Footprint: 2.4" x 2.4" x 1.36";
- 50,000 hours MTBF (Mean Time Between Failure) ;
- 12 Volts DC convenience: plugs into the computer power supply
- Variable speed control via PWM thru the motherboard, from 1300 rpm for completely silent operation, to 4500 rpm for ultra high flow performance;
- Superior head pressure and flow rate (in the useable range) to any pump in its footprint: the MCP35X™ is particularly well adapted to support multiple devices in the same loop, such as multiple radiators, and/or waterblocks;
- G1/4" ports standard for compatibility with a large assortment of fittings;
- No maintenance when used with distilled water, and anti-fungal additives (our HydrX™ additive is recommended);
- Quick installation with adhesive neoprene pad, or permanent installation with supplied hardware;
- Optional "built-in" reservoir;
- 2 year warranty

Specifications



PQ Curve at various speeds



PWM response



Comparative data against all Swiftech pumps
(click on picture to enlarge)

Diminsions



Technical specifications

Motor type	Electronically commutated, brushless DC, spherical motor
Nominal voltage	12 V DC
Operating voltage range	9 to 13.4 VDC
Max. nominal power (@12 V)	18 W
Max. nominal current (@12 V)	1.5 A
Max. nominal head (@12 V)	14.7 ft (4.4m)
Max nominal discharge (@12 V)	~ 4.75 GPM (17.5 LPM)
Maximum pressure	22 PSI (1.5 BAR)
Temperature range	Up to 140°F (60°C)
Electrical power connector	Molex 4 pin
PWM + RPM Signals	4-pin connector
RoHS	Compliant
Port thread standard	G1/4
MTBF	50,000 Hours

Additional Information

Brand	Swiftech
SKU	MCP35X-BK
Weight	3.0000
Color	Black
Pump Type	DDC PWM
Pump Voltage	12-24VDC
Vendor SKU/EAN	877790001322

