



# Swiftech MCP35X-WT 12 VDC Pump

\$99.95

## Product Images



## Short Description

The MCP35X-WT™ pump is a substantial evolution from the long established MCP355 series. It differentiates itself from its sibling with great new features.

## Description

The MCP35X-WT™ 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-WT |
| Weight       | 2.0000    |
| Color        | White     |
| Pump Type    | DDC       |
| Pump Voltage | 12 VDC    |

