

This document provides technical information relating to this specific Flojet model. General information, references and further resource locations are also included.

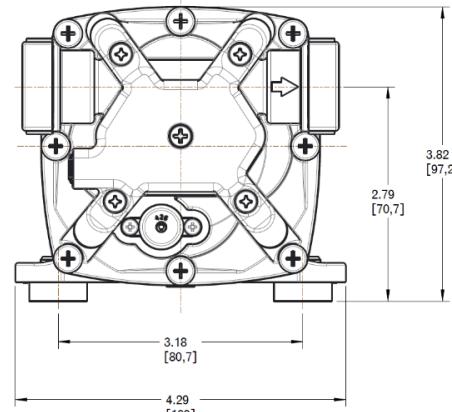
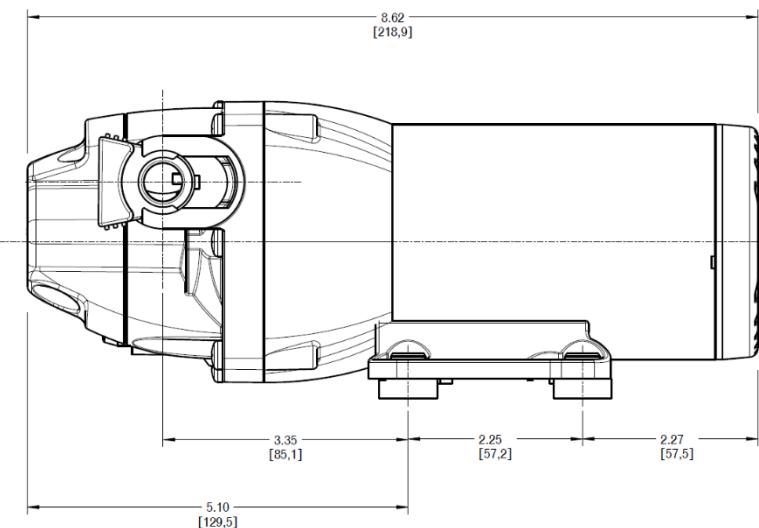
VersiJet industrial pumps are designed to be durable and long-lasting, capable of satisfying pumping needs for a wide variety of applications. Typical pump uses are liquid transfer, spraying, cooling, circulation, filtration and dispensing.

Features:

- Heavy duty, coated motor
- Long life co-molded diaphragm
- Efficient, quiet operation
- Self-priming
- Runs dry without damage

Contents:

| | |
|------------------|-----------------------------------|
| Pump unit: | VersiJet 12V 3.5GPM SW 60PSI BP |
| | VersiJet 12V 13.2LPM SW 4.1BAR BP |
| Port fittings: | 2 x 1/2" (13mm) straight hosebarb |
| Strainer: | Not included |
| IOM: | Included (IOM 81000480) |
| Carton type: | Plain box |
| Master pack qty: | 4 |



Dimensional Drawing

Notes: Inches [mm]

Additional envelope space required to allow port clips to extend, wires to bend, port fittings and hoses, etc.

Specifications:

General

| | |
|--------------------------|--|
| Part Number: | Q351F-118S-2P |
| Aftermarket replacement: | Q351F-118S-2P |
| Replaces: | 04300142 R4300142 |
| Application: | Industrial Fluid Transfer & Spray |
| Design: | 4 Chamber Diaphragm Quick Connect Ports TENV Permanent Magnet Motor Noise Dampening Baseplate Thermal Motor Protection (TCO) |

Materials (*designates wetted path)

| | |
|------------------------|-----------------------------|
| Upper Housing*: | Glass-filled polypropylene |
| Lower Housing: | Cast Aluminum |
| Check Valve Retainer*: | Polypropylene |
| Diaphragm*: | Santoprene |
| Check Valves*: | EPDM |
| Switch diaphragm*: | EPDM |
| Bypass Diaphragm*: | EPDM |
| PH Seals*: | EPDM |
| PH Fasteners: | Stainless Steel |
| Baseplate: | Nylon with Rubber Feet |
| Motor Casing: | Cast Aluminum; Coated Steel |

Hydraulic Performance (at nominal voltage)

| | |
|--------------------------|------------------------------|
| Open Flowrate: | 3.5 GPM open flow (13.2 LPM) |
| Pressure Switch Cut-Off: | 60 PSI (4.1 BAR) |
| Max Operating Pressure: | 60 PSI (4.1 BAR) |
| Max Inlet Pressure: | 30 PSI (2.2 BAR) |
| Internal Bypass: | Yes |
| Fluid Temperature Range: | 32°F - 140°F (0°C - 60°C) |
| Self-Priming Capability: | Up to 8ft (2.4m) dry prime |
| Run-Dry Capable: | Yes |

Electrical Performance (at nominal voltage)

| | |
|-------------------|---|
| Nominal Voltage: | 12 VDC |
| Voltage Range: | 9 VDC - 13.6 VDC |
| Max Current Draw: | 12 Amps @ 60 PSI (4.1 BAR) |
| Fuse Size: | 15 Amps (not included) |
| Duty Cycle: | Intermittent (See heat-rise chart) |
| Leads: | 12" (305mm), 14 AWG (2.5mm ²) |
| Wire Connection: | Stripped Wire |

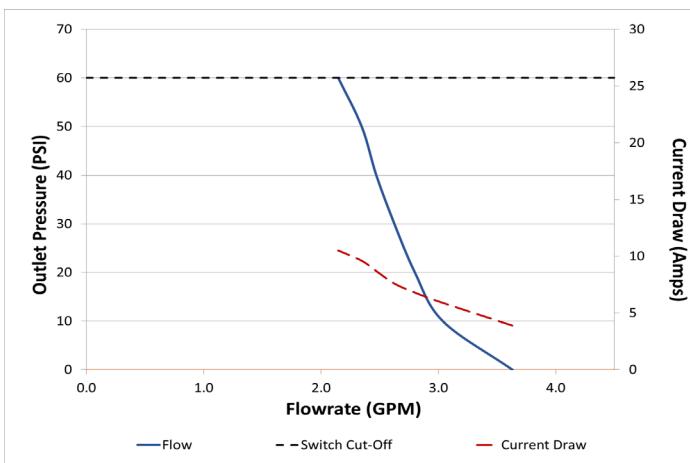
Compliance

| | |
|--------------------|--------------|
| CE: | Yes |
| RCM: | Yes |
| UKCA: | Yes |
| WEEE: | Yes |
| Country of Origin: | China |
| HTS Code: | 8413.50.0050 |

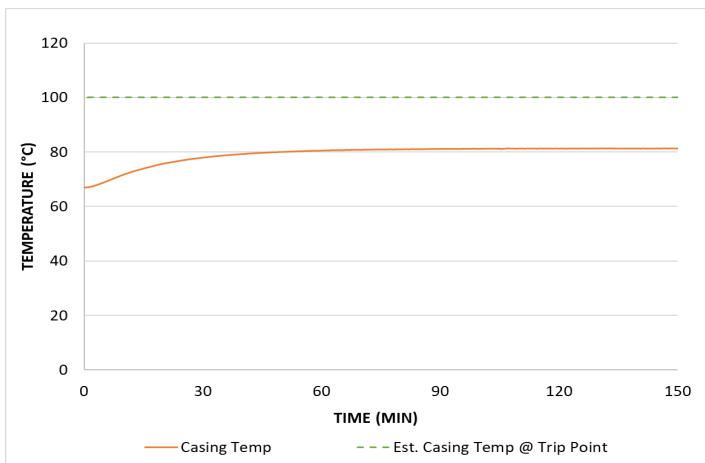
Other Information

| | |
|-------------------------|---------------------------------|
| Other Information: | Industrial |
| Ambient Temp Range: | 32°F - 140°F (0°C - 60°C) |
| IP Rating: | IPX6 |
| Carton Dimensions: | 11.25x5.5x5.13" (286x140x130mm) |
| Master Pack Dimensions: | 12x12x11.5" (305x305x292mm) |
| Weight (pump only): | 5.1 lbs (2.3 kg) |
| UPC Code: | 705474223817 |

Flowcurve



Heat-Rise



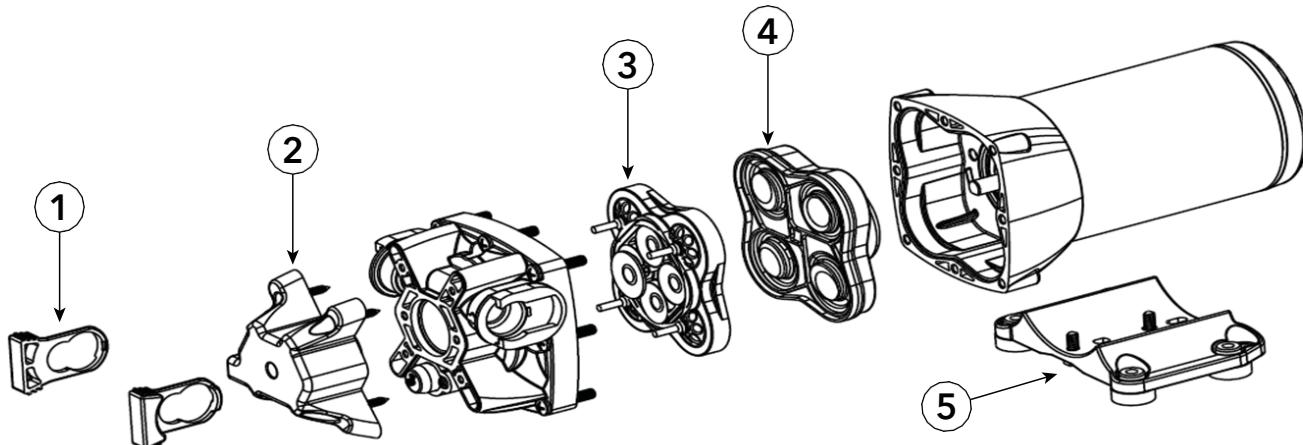
Representative curve of unit operated at nominal voltage. Performance will vary somewhat unit to unit. Switch cut-off represents the point on the flow curve at which the integrated pressure switch will turn off the pump. Flow rate at zero pressure represents Open Bucket.

Tested @ elevated ambient temp of 140°F (60°C) @ max run pressure. Est. Casing Temp @ Trip Point may vary (+/-10°C). If there is a concern about the ability of the pump to run continuously for long periods of time, then in-application testing is highly recommended.

Pump Service Kits & Spares:

| ITEM | DESCRIPTION |
|-----------------------------|--|
| 1. Port Clips | 2 port clips per kit |
| 2. Switch assembly | Switch assembly w/ wire leads, switch diaphragm, and heat shrink butt connectors |
| 3. Check Valve Assembly | Check valve housing with suction and discharge check valves installed |
| 4. Diaphragm/Drive Assembly | Wobble plate/diaphragm assembly |
| 5. Baseplate/Mounting Feet | Baseplate w/rubber mounting feet installed |

Exploded View:



Available Flojet Industrial Options

In addition to the unit described in this datasheet Flojet also offers the following configurations (will vary somewhat by region and model type) and options:

Voltages:

12, 24, & 36 VDC 115 & 230 VAC

Flowrate Range:

1 - 6 GPM (3.8 - 22.7 LPM)

Switch Setting Range:

25 - 150 PSI (1.7 - 10.3 Bar)

Pump Configurations:

Switch; Bypass; Switch & Bypass; Switch, No Bypass; No Switch, No bypass

Santoprene (TPV), Viton, Buna, Nitrile, and other blended materials

EPDM, Viton, Buna, Nitrile and other valve/seal materials

Some models available with transducers or vacuum switches

Various customer options dependent on volumes

Installation and Operation

For guidance on proper installation and operation of this pump, as well as for any warnings or cautions involving use, please consult the appropriate IOM for the pump. Printed IOM's are supplied with the pumps and are also available online.

Resources & Contact Information

IOM: On website; hard copies with pumps

Customer Service: Refer to contact info at our website

Warranty: Information included in IOM

Website: www.xylem.com/Flojet

Note: Specifications provided for guidance only. We reserve the right to change specifications without prior notice.



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