



New Brushless Fuel Pump Series

DECADES IN THE MAKING

BRUSHLESS
BRUSHLESS
FUEL PUMP SERIES



THE FUTURE OF FUEL DELIVERY

EXTENDED LIFE - HIGHER EFFICIENCY - LOWER CURRENT DRAW - LESS HEAT

Aeromotive, the market leader in fuel delivery systems and components, introduces the company's first brushless fuel pump series – four new brushless pumps (A1000, Eliminator, 3.5 GPM and 5.0 GPM Gear Pumps), are available in three different configurations: 1) external in-line, 2) direct drop-in replacement for the Aeromotive COPO, Cobra Jet or Drag Pak, or 3) as complete fuel cells available in 6, 15 or 20 gallon capacities.

4 NEW PUMPS AVAILABLE IN 3 DIFFERENT CONFIGURATIONS

EXTERNAL IN-LINE



DIRECT DROP-IN UPGRADE

FOR COPO,
COBRA JET &
DRAG PAK
FUEL CELLS



COMPLETE FUEL CELLS

IN 6, 15 AND 20 GALLONS



Brushless motors use sensors to monitor the angle of the rotor for faster and more reliable phase shifting allowing for more torque capacity and efficiency. The armature in a brushless motor is stationary. Instead, the magnets rotate around the armature and the motor controller manages the phase shift to keep the motor in motion providing more torque per watt, higher torque to weight ratio, lower noise and higher reliability. With a higher level of efficiency, down to fractions of a second in speed control, the new Aeromotive brushless fuel pumps provide precise control of fuel pressure under tight tolerances resulting in less current draw, less heat and extended life. Now there is the ability to upgrade to a premium brushless pump for faster, more reliable and uninterrupted fuel delivery with less power consumption and potential for wear or failure.

THE LEGENDS GET AN UPGRADE

The same roller vane design the world has come to trust, now available with the latest brushless-motor technology. Built for 70psi of sustained pressure.

— BRUSHLESS —
Eliminator

— BRUSHLESS —
A1000

3.0GPM

EXTERNAL IN-LINE
PART NUMBER 11180

DIRECT DROP-IN
PART NUMBER 18024

COMPLETE FUEL CELLS

6G	#18367
15G	#18362
20G	#18363

2.0GPM

EXTERNAL IN-LINE
PART NUMBER 11124

DIRECT DROP-IN
PART NUMBER 18023

COMPLETE FUEL CELLS

6G	#18366
15G	#18360
20G	#18361

For classic performance with more heart, Aeromotive offers the A1000 and Eliminator. Built for 70psi of sustained pressure, both feature a roller vane design that reduces friction and improves efficiency.

The Brushless A1000 has a flow rate of 700 lbs./hr. @ 45 psi, 13.5 volts with -10 AN inlet and outlet. It is available as an external in-line option, #11124, or direct drop-in, #18023. The A1000 is also available as a complete fuel cell in either a 6 gallon #18366, 15 gallon #18360 or 20 gallon capacity, #18361.

- **Fuel injected engines:** Supports up to 1,300 FWHP / Naturally Aspirated – up to 1,000 FWHP / Forced Air Induction
- **Carbureted engines:** Supports up to 1,500 FWHP / Naturally Aspirated – up to 1,200 FWHP / Forced Air Induction

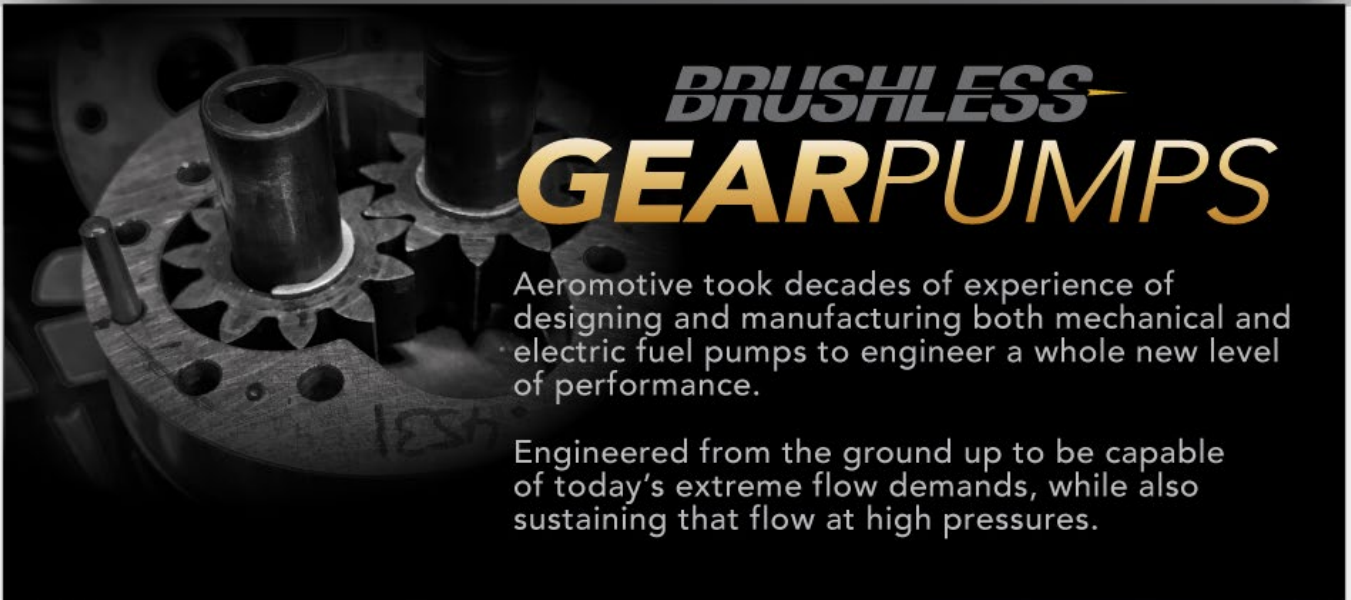
The Brushless Eliminator has a flow rate of 1,000 lbs./hr. @45psi, 13.5 volts with -12 AN inlet and -10 outlet. The Brushless Eliminator is available as an external install, #11180, direct drop-in, #18024, or as complete fuel cells in 6 gallon, #18367, 15 gallon, #18362 or 20 gallon, #18363.

- **Fuel injected engines:** Supports up to 1,900 FWHP / Naturally Aspirated – up to 1,400 FWHP / Forced Air Induction
- **Carbureted engines:** Supports up to 2,300 FWHP / Naturally Aspirated – up to 1,700 FWHP / Forced Air Induction

And Finally, What You've Been Waiting For.

INTRODUCING A TRUE GAME CHANGER

A Series That Will Challenge What You Thought Electric Fuel Pumps Were Capable Of



BRUSHLESS GEAR PUMPS

Aeromotive took decades of experience of designing and manufacturing both mechanical and electric fuel pumps to engineer a whole new level of performance.

Engineered from the ground up to be capable of today's extreme flow demands, while also sustaining that flow at high pressures.

For minimal drop in flow at high pressures, Aeromotive offers two gear pumps with a mini spur gear design that allows for higher pressures with minimal drop in flow. The 3.5 GPM and the 5.0 GPM brushless gear pumps are able to move more fluid and sustain higher pressures without failure. The new pumps are engineered to handle extreme fuel flow demands with sustained flow at high pressure.

The Specs Available In Two Flow Ratings

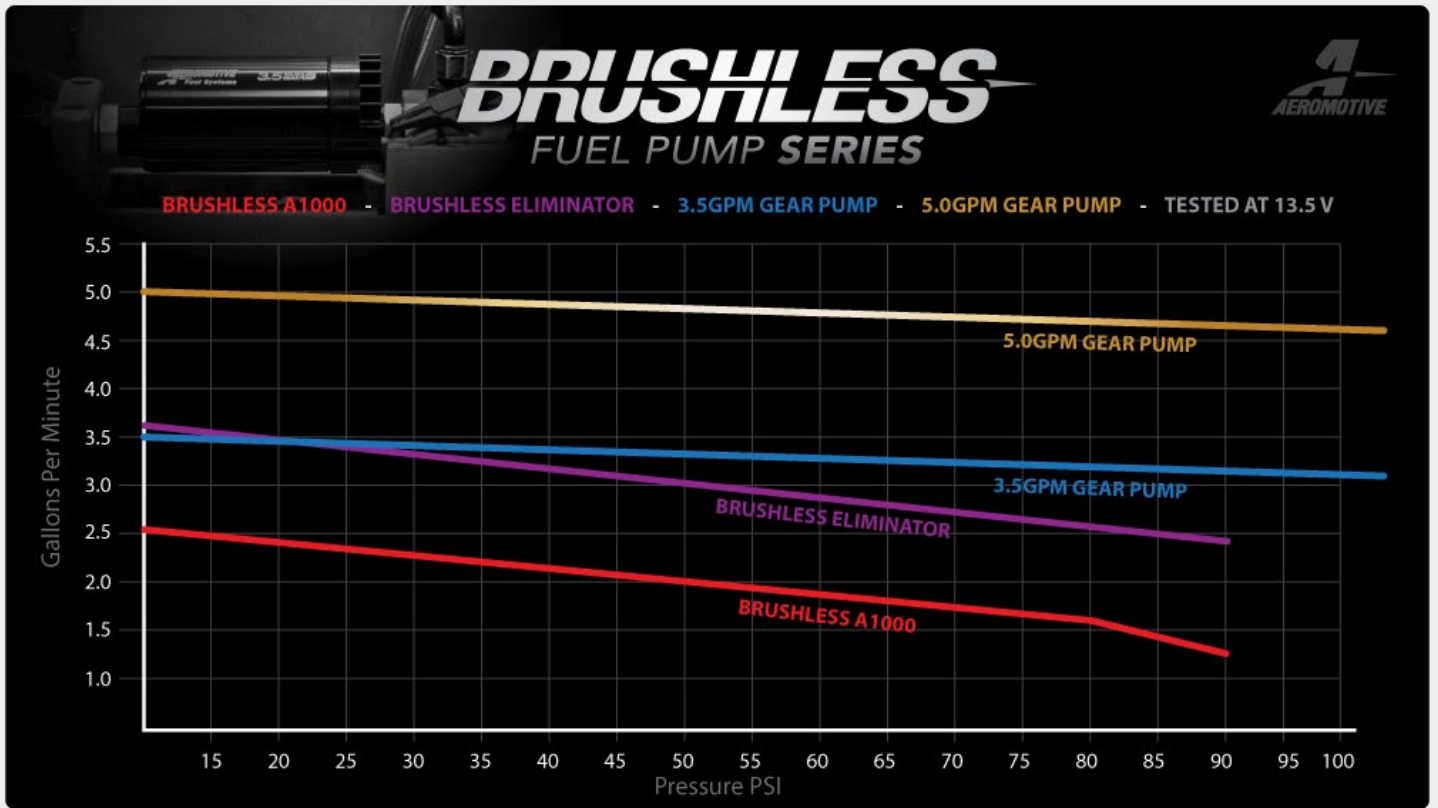
3.5 GPM
5.0 GPM

The 3.5 GPM Gear Pump, a step-up from the Eliminator and the entry level unit in geared pumps, flows 3.5 gallons per minute. Featuring a -12 AN inlet and -10 AN outlet, this brushless gear pump is available as an external in-line, #11181, direct drop-in, #18025, or as a complete fuel cell in 6 gallon, #18376, 15 gallon, #18370, or 20 gallon, #18371.

- **Fuel injected engines:** Supports up to 2,400 FWHP / Naturally Aspirated – up to 1,800 FWHP / Forced Air Induction
- **Carbureted engines:** Supports up to 2,600 FWHP / Naturally Aspirated – up to 2,000 FWHP / Forced Air Induction

The 5.0 GPM Gear Pump, the flagship of Aeromotive electric fuel pumps, yields 5 gallons per minute which is the highest flowing electric pump at pressures above 40 psi in the market. It features a -12 AN inlet and -10 AN outlet and is available as an external in-line, #11182, direct drop-in, #18026, or as a complete fuel cell in 6 gallon, #18377, 15 gallon, #18372, or 20 gallon, #18373.

- **Fuel injected engines:** Supports up to 3,400 FWHP / Naturally Aspirated – up to 2,600 FWHP / Forced Air Induction
- **Carbureted engines:** Supports up to 3,600 FWHP /Naturally Aspirated – up to 2,700 FWHP /Forced Air Induction



Steve Matussek, President of Aeromotive, says, "These brushless gear pumps are game changers. Our goal was to have electric pumps compatible with all fuels that flow more at higher pressures than any other competitors. We achieved that utilizing the highest standard of quality material, processes and attention to detail our customers have come to expect."

PART NUMBERS & CONFIGURATIONS



5.0GPM GEARPUMPS

EXTERNAL IN-LINE
PART NUMBER 11182

DIRECT DROP-IN
PART NUMBER 18026

COMPLETE FUEL CELLS

6G #18377
15G #18372
20G #18373

3.5GPM GEARPUMPS

EXTERNAL IN-LINE
PART NUMBER 11181

DIRECT DROP-IN
PART NUMBER 18025

COMPLETE FUEL CELLS

6G #18376
15G #18370
20G #18371

External In-Line – Round

Brushless A1000 – **#11124**

Brushless Eliminator – **#11180**

3.5 gpm Gear Pump – **#11181**

5.0 gpm Gear Pump – **#11182**

External In-Line – With Mounting Feet

Brushless A1000 – **#11183**

Brushless Eliminator – **#11184**

3.5 gpm Gear Pump – **#11185**

5.0 gpm Gear Pump – **#11186**

In-Tank Module – Drop-In Upgrade

Brushless A1000 Module with Filter – **#18023**

Brushless Eliminator Module with Filter – **#18024**

3.5 gpm Gear Pump Module with Filter – **#18025**

5.0 gpm Gear Pump Module with Filter – **#18026**

Complete Fuel Cells

6 Gallon – Brushless A1000 – **#18366**

6 Gallon – Brushless Eliminator – **#18367**

6 Gallon – 3.5 gpm Gear Pump – **#18376**

6 Gallon – 5.0 gpm Gear Pump – **#18377**

15 Gallon – Brushless A1000 – **#18360**

15 Gallon – Brushless Eliminator – **#18362**

15 Gallon – 3.5 gpm Gear Pump – **#18370**

15 Gallon – 5.0 gpm Gear Pump – **#18372**

20 Gallon – Brushless A1000 – **#18361**

20 Gallon – Brushless Eliminator – **#18363**

20 Gallon – 3.5 gpm Gear Pump – **#18371**

20 Gallon – 5.0 gpm Gear Pump – **#18373**