

# WELDON PUMP™

## Mooney Aircraft Pump Eligibilities



Weldon's Mooney Aircraft eligible pumps are designed, built, and tested to meet the demands of the aircraft. Whether original to the application or as a replacement, the same attention to quality is delivered.

Weldon pumps are built to the highest AS9100 standards and offer the quality and safety you are looking for in a pump. We provide a two-year warranty on new pumps and a one-year warranty on factory overhauled pumps when used in the intended application.



SAI GLOBAL  
AS9100  
Aerospace

### Weldon Pump Number

8164-A

### Airframe Eligibility

Mooney M20C, M20D, M20G

### Usage

Fuel Boost

### Minimum Capacity

25 GPH (147 PPH) @  
5.0 PSIG @ 14 VDC

### Max Current Draw

5.0 Amps

### Port Size

-6

### Max Full Relief Pressure (No flow)

6.5 PSIG @ 14 VDC

### Test Fluid

Aviation Gasoline

### Weldon Pump Number

A8163-A

### Airframe Eligibility

Mooney M20J (SN 24-0001 thru 24-2999)

### Usage

Fuel Boost

### Minimum Capacity

35 GPH (205 PPH) @  
21 PSIG @ 14 VDC

### Max Current Draw

5.0 Amps

### Port Size

-6

### Max Full Relief Pressure (No flow)

28 PSIG @ 14 VDC

### Test Fluid

Aviation Gasoline

### Weldon Pump Number

A8163-B

### Airframe Eligibility

Mooney M20J (SN 24-3000 and up)

### Usage

Fuel Boost

### Minimum Capacity

35 GPH (205 PPH) @  
21 PSIG @ 24 VDC

### Max Current Draw

2.5 Amps

### Port Size

-6

### Max Full Relief Pressure (No flow)

25 PSIG @ 24 VDC

### Test Fluid

Aviation Gasoline

### Weldon Pump Number

A8152-B

### Airframe Eligibility

Mooney M20R, M20S

### Usage

Fuel Boost

### Minimum Capacity

18.5 GPH (109 PPH) @  
15 PSIG @ 24 VDC

### Max Current Draw

2.5 Amps

### Port Size

-6

### Max Full Relief Pressure (No flow)

17 PSIG @ 24 VDC

### Test Fluid

Aviation Gasoline

# WELDON

PUMP™

## An Overview of Our Mooney Pumps

### Weldon Pump Number: 18020-A

**Airframe Eligibility**

PMooney M20E, M20F, & M20J S/N thru 24-2999

OEM Number  
610153-501

Usage  
Fuel Boost

**Minimum Capacity**

35 GPH (205 PPH) @ 21 PSIG @ 14 VDC

**Max Full Relief Pressure (No flow)**

25 PSIG @ 14 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

6.0 Amps

**Port Size**

-6

### Weldon Pump Number: 18020-A

**Airframe Eligibility**

Mooney M20J S/N thru 24-2999,  
M20K S/N thru 25-0999

Replaces  
4140-00-19A

Usage  
Fuel Boost

**Minimum Capacity**

35 GPH (205 PPH) @ 21 PSIG @ 14 VDC

**Max Full Relief Pressure (No flow)**

25 PSIG @ 14 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

6.0 Amps

**Port Size**

-6

### Weldon Pump Number: 10054-A

**Airframe Eligibility**

Mooney M20K Serial #25-001 to 25-0999

**OEM Number**

Usage  
Fuel Boost

**Minimum Capacity**

35 GPH (205 PPH) @ 21 PSIG @ 14 VDC

**Max Full Relief Pressure (No flow)**

25 PSIG @ 14 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

5.75 Amps

**Port Size**

-8

### Weldon Pump Number: 10054-B

**Airframe Eligibility**

Mooney M20K Serial #25-1000 & up

**OEM Number**

Usage  
Fuel Boost

**Minimum Capacity**

35 GPH (205 PPH) @ 21 PSIG @ 28 VDC

**Max Full Relief Pressure (No flow)**

25 PSIG @ 28 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

5.75 Amps

**Port Size**

-8

### Weldon Pump Number: A10051-D

**Airframe Eligibility**

Mooney M20M

**OEM Number**

Usage  
Fuel Boost

**Minimum Capacity**

37.5 GPH (220 PPH) @ 45 PSIG @ 27 VDC

**Max Full Relief Pressure (No flow)**

50 PSIG @ 27 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

3.2 Amps

**Port Size**

-8

### Weldon Pump Number: 18024-A

**Airframe Eligibility**

Mooney M20C, M20D, M20G

**Replaces**

4140-00-21A

**Usage**

Fuel Boost

**Minimum Capacity**

25 GPH @ 5 PSIG @ 14 VDC

**Max Full Relief Pressure (No flow)**

6.5 PSIG @ 14 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

5 Amps

**Port Size**

-6