



Kit Part Number: 25-201BK
Universal High Flow -10 AN Inline Fuel Filter

! WARNING

Read and understand these instructions **BEFORE** attempting to install this product.

- Do not smoke while working on the fuel system.
- Keep open flames or sparks away from your work area.
- Be sure to relieve fuel pressure before beginning fuel filter installation.

AEM Performance Electronics
2205 126th Street Unit A Hawthorne, CA. 90250
Phone: (310) 484-2322 Fax: (310) 484-0152
<http://www.aemelectronics.com>
Instruction Part Number: 10-294
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AEM Universal High Flow -10 AN Inline Fuel Filter

Congratulations on your purchase of the AEM Performance Electronics Universal High Flow -10 Inline Fuel Filter.

AEM's engineers designed this filter with the racer in mind and with the intention of maximizing flow, filtration and ease of installation.

Universal High Flow -10 AN Inline Fuel Filter Features:

- Machined from 6061-T6 aluminum and hard anodized black
- Flows up to 12.32 gpm @ 45 PSI and 2.63 gpm @ 6 PSI with -10 AN port fittings
- Filters as low as 7 microns
- Viton o-rings and gaskets ensure outstanding performance when using gasoline, alcohol or gasoline/alcohol blended fuels
- End caps are machined with -10 AN female fittings with o-ring receiver groove
- End caps have pressure intensifiers for greater sealing of end gaskets
- 2" OD x 10" length for easy mounting
- Commonly available replacement filter cartridges
- Laser etched with AEM logo, flow and filter replacement information

Universal High Flow -10 AN Inline Fuel Filter Replacement Element Part Numbers:

AEM 35-4004

NAPA 4004

WIX 24004

AEM Electronics Warranty

Advanced Engine Management, Inc. warrants to the consumer that all AEM High Performance products will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at AEM's option, when determined by AEM that the product failed due to defects in material or workmanship.

This warranty is limited to the repair or replacement of the AEM part. In no event shall this warranty exceed the original purchase price of the AEM part nor shall AEM be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product.

Warranty claims to AEM must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is non-transferable. All implied warranties shall be limited in duration to the said 12 month warranty period. Improper use or installation, accident, abuse, unauthorized repairs or alterations voids this warranty.

An AEM Warranty Claim Form Must Accompany All Warranty Claims. Products returned to AEM with no Return Goods Authorization and or No Warranty Claim Form may be rejected and returned to sender.

AEM disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM. Warranty returns will only be accepted by AEM when accompanied by a valid Return Goods Authorization (RGA) number. Credit for defective products will be issued pending inspection. Product must be received by AEM within 30 days of the date RGA was issued.

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Exploded View of the filter assembly:



Installation notes:

END CAP THREAD = -10 AN O-Ring Seal or 7/8-14 SAE Thread

FUEL INLET = End Cap of the filter with the stainless steel compression spring.

FUEL OUTLET = End Cap of the filter with sealing gasket.

FUEL FILTER ELEMENT ORIENTATION = The fuel filter element is designed with two end caps. One with a discharge hole and the other end is capped off.

CAPPED OFF = Towards compression spring/Fuel inlet. Labeled "Hose End"

DISCHARGE HOLE = Towards sealing gasket/fuel outlet. Labeled "Nozzle End"

ALWAYS lubricate the o-rings before re-installing the end caps onto the filter body.

| Pressure (psi) | Flow (gpm) | Flow (ppm) | Flow (pph) | Power/Gasoline @.5 BSFC |
|----------------|------------|------------|------------|----------------------------|
| 1 | .38 | 2.76 | 165.30 | 331 |
| 2 | .89 | 6.45 | 387.15 | 774 |
| 3 | 1.42 | 10.30 | 617.70 | 1235 |
| 4 | 1.88 | 13.63 | 817.10 | 1636 |
| 5 | 2.26 | 16.39 | 983.10 | 1966 |
| 6 | 2.63 | 19.07 | 1144.05 | 2288 |
| 7 | 2.98 | 21.61 | 1296.30 | 2593 |
| 8 | 3.32 | 24.07 | 1444.20 | 2888 |
| 9 | 3.65 | 26.46 | 1587.75 | 3176 |
| 10 | 3.97 | 28.78 | 1726.95 | 3454 |
| 11 | 4.26 | 30.89 | 1853.10 | 3706 |
| 12 | 4.58 | 33.21 | 1992.30 | 3985 |
| 13 | 4.92 | 35.67 | 2140.20 | 4280 |
| 14 | 5.18 | 37.56 | 2253.30 | 4507 |
| 15 | 5.47 | 39.66 | 2379.45 | 4759 |
| 20 | 6.71 | 48.65 | 2918.85 | 5838 |
| 25 | 7.92 | 57.42 | 3445.20 | 6890 |
| 30 | 9.13 | 66.19 | 3971.55 | 7943 |
| 35 | 10.25 | 74.31 | 4458.75 | 8918 |
| 40 | 11.31 | 82.00 | 4919.85 | 9840 |
| 45 | 12.32 | 89.32 | 5359.20 | 10718 |
| 50 | 13.24 | 95.99 | 5759.40 | 11519 |
| 55 | 14.11 | 102.30 | 6137.85 | 12276 |
| 60 | 14.87 | 107.81 | 6468.45 | 12937 |
| 65 | 15.73 | 114.04 | 6842.55 | 13685 |
| 70 | 16.53 | 119.84 | 7190.55 | 14381 |
| 75 | 17.28 | 125.28 | 7516.80 | 15034 |
| 80 | 18.05 | 130.86 | 7851.75 | 15704 |
| 85 | 18.75 | 135.94 | 8156.25 | 16313 |
| 90 | 19.52 | 141.52 | 8491.20 | 16982 |
| 95 | 20.18 | 146.31 | 8778.30 | 17557 |
| 100 | 20.83 | 151.02 | 9061.05 | 18122 |

gpm = gallons/minute, ppm = pounds/minute, pph = pounds/hour
BSFC = Brake Specific Fuel Consumption
Weight of gasoline for this table is 7.25 lbs./ gallon

For Technical Inquiries
Please E-Mail us at
tech@aempower.com

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