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# AEROFLOW PERFORMANCE

## BREATHER TANK

### WARNING!

THIS PRODUCT REQUIRES DETAILED KNOWLEDGE OF AUTOMOTIVE SYSTEMS. WE RECOMMEND THAT THIS INSTALLATION BE CARRIED OUT BY A QUALIFIED AUTOMOTIVE TECHNICIAN.

#### INTRODUCTION

Congratulations on your purchase of Aeroflow Performance fabricated billet universal breather tank. Aeroflow Performance products cannot and will not be responsible for any damage, or other conditions resulting from misapplication of the parts described herein. However, it is our intention to provide the best possible products for our customer, products that perform properly and satisfy your expectations. Should you have any questions? Please call technical support at +61 2 8825 1900 and have the product part number on hand when calling.

This Aeroflow Performance universal breather tank is an essential step in removing PCV oil before it enters the combustion chamber. This is used on the fresh air side of an engine breather system and is open to the atmosphere or plumbed back into the system after the MAF sensor on EFI equipped engines. If the vehicle has excessive crankcase pressure or engine oil blowing out the OEM breather system this could be a symptom of internal engine damage and this product may not fix the issue, please contact a professional.

The tank features one female -10AN O-ring which can be adapted to any lines and fittings for plumbing purposes. A female -16AN O-ring is welded into the top of the tank and a -16AN male O-ring fitting to 35mm barb is supplied. This allows a filter which is sold separately to be installed onto it, examples of filter that fit in the Aeroflow Performance range are AF2871-1440 with a chrome top filter or AF2271-1440 black top filter.

This tank features a drain valve (AF615-00S or AF615-00BLK) which is pre-installed into a female -10AN O-ring into the bottom of the tank. The exit of this valve incorporates a female 1/8" NPT for connection of an appropriate drain tube to be attached if required. Simply turn the valve anti-clockwise to release/empty the tank and clockwise to close the valve.

The dimensions of this product are:

Tank Length = 85mm (3-3/8")

Tank Width = 85mm (3-3/8")

Tank Height = 170mm (6-3/4").

It holds a capacity of 1100mL and is internally baffled.

This tank comes with a mounting tab welded to the sides of the tank. When mounting this breather tank ensure it is correctly mounted and secured to vehicle using appropriate methods. Make sure both mounting tabs are used to secure the tank. Ensure to mount and plumb up the breather system away from moving components or extreme heat sources to avoid any damages or accidents. If necessary, use heat sleeves or fabricate a heat shield to protect lines and tank from heat sources.

In order to properly install this breather tank on any application, you must have a basic understanding of the PCV system operation on the vehicle so you can determine the correct position of the feed and return lines. It is designed for universal applications and may require modifications in areas of the OEM breather systems. When it comes time to plumbing the lines and fittings each and every vehicle is different and if you are unsure on how to setup the breather system, we recommend to contact a professional. As a guide line only the easiest and most common place to vent the crank case pressure is from the valve cover/s and second would be the upper half of the crank case. Special crankcase ventilation methods are required in boosted engines and for alcohol-based fuel cars.



**AF2871-1440**



**AF2271-1440**



*For more information or technical enquires*

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