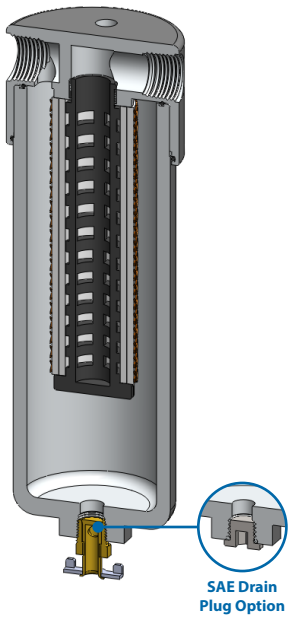
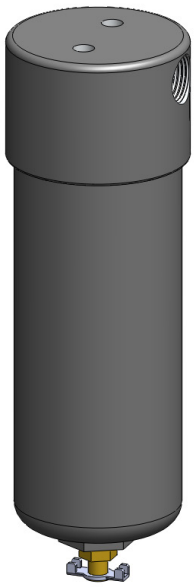
AAC224
NGV Filter Housing

Materials	**Aluminium 6082**
Pressure	**Up to 35 Bar**
Ports	**1/2" NPT, SAE-8 or Metric**
Element	**25.127.☐.R**

AAC224 series low pressure NGV filter housings have an anodised head and bowl machined from solid aluminium 6082 bar stock. These high efficiency coalescing filter housings are suitable for use with compressed natural gas in alternative fuel systems for on-vehicle applications.

Designed to use the 25.127.☐.R coalescing filter cartridge the housings are supplied with 1/2" NPT, SAE-8 or metric (ISO 6149-1) ports and a plugged drain port for easy drainage of any coalesced liquids. A manual twist drain option also available.





AAC224 NGV Filter Housing

Technical Specifications

Housing Model	**AAC224.451**	**AAC224.461**	**AAC224.654**	**AAC224.664**	**AAC224.665**
Port Size	1/2" NPT	1/2" NPT	SAE-8 (1/2"-16)	SAE-8 (1/2"-16)	M18 x 1.5
Drain	SAE-6 Drain Plug	Manual Drain Valve	SAE-6 Drain Plug	Manual Drain Valve	Manual Drain Valve
Maximum Pressure, Bar	35	35	35	35	35
Minimum Burst Pressure, Bar	140	140	140	140	140
Temperature Range, ºC	-40ºC to +125ºC	-40ºC to +125ºC	-40ºC to +125ºC	-40ºC to +125ºC	-40ºC to +125ºC
Materials of Construction					
Head & Bowl	Aluminium 6082	Aluminium 6082	Aluminium 6082	Aluminium 6082	Aluminium 6082
Internals	Polyamide	Polyamide	Polyamide	Polyamide	Polyamide
Drain	Stainess Steel	Brass	Stainless Steel	Brass	Brass
Seals	Fluoroelastomer (FKM)	Fluoroelastomer (FKM)	Fluoroelastomer (FKM)	Fluoroelastomer (FKM)	Fluoroelastomer (FKM)
Filter Cartridge Code (1)	25.127.☐.R	25.127.☐.R	25.127.☐.R	25.127.☐.R	25.127.☐.R
Principal Dimensions in mm					
Diameter	80	80	80	80	80
Height	231	251	231	251	251
Volume of Sump, cc	207	207	207	207	207
Weight, kg	1.35	1.35	1.35	1.35	1.35
Accessories					
Mounting Bracket	MBAAC21	MBAAC21	MBAAC21	MBAAC21	MBAAC21

Notes

(1) Replace the ☐ with the grade required, e.g. 25.127.7CS.R

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