

# AiA223 & AiA233

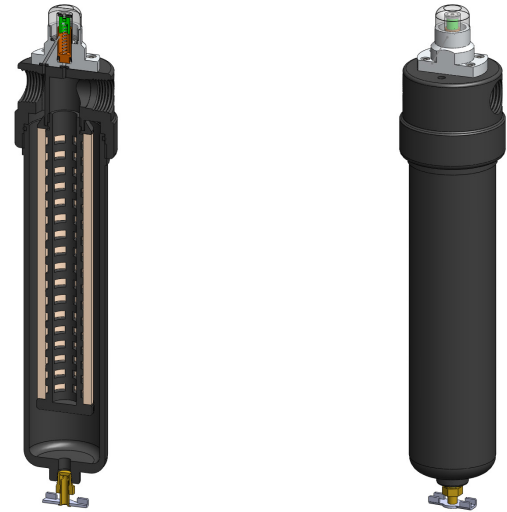
## Filter Housing with DPI

<b>Materials</b>	<b>Aluminum</b>
<b>Pressure</b>	<b>250 psi</b>
<b>Ports</b>	<b>1/4" or 1/2"</b>
<b>Element</b>	<b>25.127.□ &amp; 25.178.□</b>

AiA223 & AiA233 series filter housings with differential pressure indicators have an anodised aluminum head and bowl with polyamide internals.

They are supplied with 1/4" or 1/2" ports and have a range of drain options. These housings are suitable for compressed air systems and general filtration applications.

Standard housings have NPT ports and Viton seals. Other seal types are available as an option. BSPT and BSPP port types are also available.



## Technical Specifications

Housing Model	AiA233.201	AiA233.211	AiA233.261	AiA223.271	AiA233.401	AiA233.411	AiA233.461	AiA223.471
Port Size	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT
Drain	None	1/8" NPT	Manual	Automatic	None	1/8" NPT	Manual	Automatic
Maximum Pressure, psi	250	250	250	250	250	250	250	250
Maximum Temperature, °F	120	120	120	120	120	120	120	120
<b>Materials of Construction (1)</b>								
Head & Bowl	AL	AL	AL	AL	AL	AL	AL	AL
Internals	PA	PA	PA	PA	PA	PA	PA	PA
Seals (2)	Viton	Viton	Viton	Viton	Viton	Viton	Viton	Viton
Filter Element Code (3)	25.178.□	25.178.□	25.178.□	25.127.□	25.178.□	25.178.□	25.178.□	25.127.□
Adsorber Cartridge Code (4)	25.178.AT□	25.178.AT□	25.178.AT□	-	25.178.AT□	25.178.AT□	25.178.AT□	-
<b>Principle Dimensions in inches</b>								
Diameter	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45
Height	11.70	11.70	12.20	12.20	11.70	11.70	12.20	12.20
Volume, cc	240	240	240	240	240	240	240	240
Weight, lbs	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
<b>Accessories</b>								
Mounting Bracket	MBAiN21	MBAiN21	MBAiN21	MBAiN21	MBAiN21	MBAiN21	MBAiN21	MBAiN21

### Notes

(1) Material abbreviations, AL = Aluminum, PA = Polyamide

(2) Add suffix for other seal types, Chemraz = .C, Nitrile = .N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. AiA233.201.E)

(3) Replace the □ with the grade required, e.g. 25.178.5CK, 25.178.S20V, 25.178.T20

(4) Replace the □ with the type required, e.g. 25.178.AT01



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