

ACM Series Breathers

The ACM Series is suitable for mobile and industrial applications because of its lightweight, rugged body. This series is fully serviceable and offers a high dirt holding capacity.



ORDERING CODES:

BOX 1		BOX 2		BOX 3	
Size [Box 1]		Drying Agent [Box 2]		Check Valves [Box 3]	
Code	Description	Code	Description	Code	Description
ACM61	100 cc	R	ZR Gel	V	With Check Valves
				-	Without Check Valves

MATERIALS & COMPONENTS:

- **Filter Media:** Glass Fiber
- **Hydrophilic Media:** ZR Gel
- **Check Valves:** Silicone
- **All Other Components:** Copolyester, Buna-N, Stainless steel

CHEMICAL COMPATIBILITY:

Compatible with all mineral oils, most synthetic oils and diesel fuels (Contact Des-Case technical support for chemical compatibility inquiries)

¹PERFORMANCE SPECIFICATIONS:

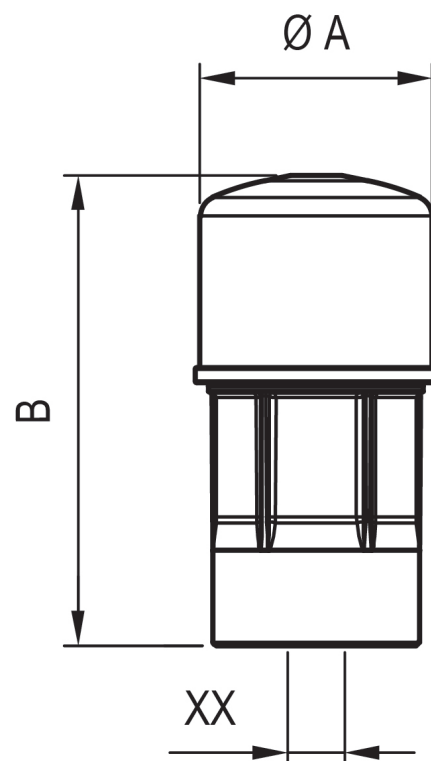
Product Size	61
Temperature Range	-40°F to 194°F (-40°C to 90°C)
Filter Efficiency	3 µm absolute ($\beta_3 \geq 200$)
Adsorption Material	ZR Gel 3-6 mm
ZR Gel Volume	100 cc
Amount of Desiccant	.2 lbs (80 g)
Water Adsorption Capacity (Maximum Water Retention)	0.9 fl. oz (29 ml)
Color Indication	Red to Yellow
Check Valve Cracking Pressure (For order codes ending in "V")	.05 psi (.003 bar)
²Application Sizing Recommendations	
Max. Airflow without Check Valves	9 cfm (260 l/min)
Max. Airflow with Check Valves	2 cfm (50 l/min)

¹**NOTE:** Small variations in the manufacturing process can be common and will be within the allowable engineering tolerances. All above data is nominal and provided for information only and subject to change. All metric conversions are approximate.

²**NOTE:** This is intended as a general guideline for sizing only; other considerations, such as: humidity level, frequency of air flow, ambient temperatures, and chemical compatibility are very important in sizing a breather properly. Larger applications and special circumstances typically require the most thorough analysis. Please contact Des-Case for assistance in sizing a breather.

DIMENSIONS:

	A	B
Series	Inch / mm	Inch / mm
61	2.8 / 71	5.4 / 137
Thread Size (C)		
ACM 61	3/8" BSPP female	

**ARTICLE NUMBERS:**

Article number	Ordering code	Description
RMF009238992	ACM61RV (formerly ACM61R)	ACM61 with check valves
RMF009500431	ACM61R (formerly ACM61RN)	ACM61 without check valves

SPARE PARTS:

Article number	Spare part	Description
RMF009237734	RMF air filter KL60	spin-on air filter
RMF009253184	RMF refill 100cc ZR gel	refill ZR gel
RMF009253193	RMF spare part kit ACM61	spare part kit*

*The spare part kit contains 1x RMF air filter KL60, 1x RMF refill 100cc ZR gel, 2x foam filters, 1x bottom seal sticker, 1x adapter plug.