

# Titan Desiccant Breathers

THE TOUGHEST DESICCANT BREATHER ON THE MARKET

The Titan series operate by the same efficient procedure as the other air conditioners within the RMF Systems range. The difference is the housing of the Titan Desiccant Breather, which is made out of the strongest polymer to optimally function under the most harsh environments. Due to the integrated inner core the desiccant breather is also lighter.

## Highest efficiency in a single process

The Titan Desiccant Breather reduces contamination of your oils by removing solid particles (down to  $3\mu$ ) and moisture from the air in a single process. This process prevents contamination and oxidation of the oil and components, resulting in a prolonged service life of the oil and equipment and less down time. Reducing the total cost of ownership for your equipment.

## Integrated anti-splash device

The Titan Desiccant Breather comes standard with an integrated anti-splash device to eliminate oil from the equipment reservoir reaching the air filter and ZR Gel. Optional check valves can be added. These valves are fitted in opposing directions, opening whilst in- or exhaling.

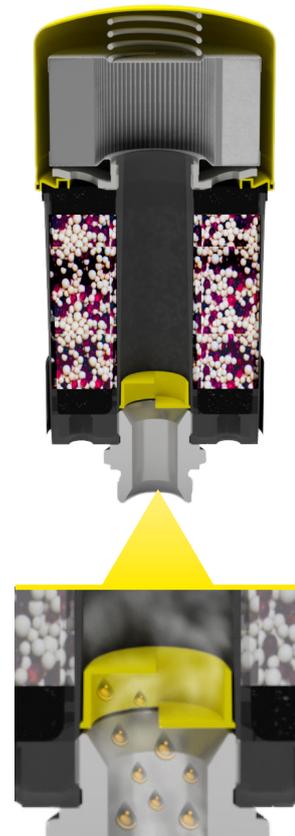
This prevents atmospheric contact between the air and the ZR Gel under static conditions, increasing the lifetime of the drying agent.

## Serviceable and non-toxic

All desiccant breathers are completely serviceable, RMF Systems can provide you with spare filter elements or refills of the non-toxic and non-carcinogenic ZR gel granules.

## Easy mounting

The desiccant breathers are compatible with almost all hydraulic and lubricating fluids applications, because of the wide variety of mounting plates.



Anti-splash device

## Benefits

- 1 Reduces cost of ownership
- 2 Reduces oxidation of the oil and bearing surfaces
- 3 Prolongs the life of the equipment and oil (additive package)
- 4 Minimizes equipment downtime

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## TECHNICAL SPECIFICATIONS

TYPE	96 SERIES	121 SERIES
Total weight	± 1,1 kg	± 2 kg
Dimensions D x H	± 100 x 243 mm	± 130 x 267 mm
ZR gel volume	600 cc	1.000 cc
Water adsorption	172 gram	288 gram
Maximum air flow	700 l/min (300 l/min*)	1.500 l/min (400 l/min*)
Adsorption material	Non-toxic & Non-carcinogenic ZR gel 3-6 mm	
Operating temperature	- 40 °C + 90 °C	
Housing material	Copolyester	
FLUID COMPATIBILITY		
Mineral Oils: H, HL, HLP, HVLP	OK	
HEES Synthetical ester	OK	
Other fluids	Contact RMF Systems	

\*Desiccant breather with integrated check valves (0.01 bar)



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## Ordering Code

