

# Crystal Products

## Product Catalogue

# CRYSTAL PRODUCTS CPD BREATHERS

HYGROSCOPIC TANK BREATHER



**Crystal Products breathers are designed to protect fluids. Hygroscopic fluids benefit instantly by making sure no moisture from outside can enter.**

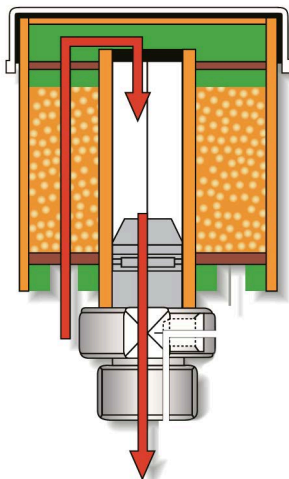
Example applications:

- Injection moulding machines
- Presses and metal working machines
- Hydraulic installations that are equipped with proportional- or servovalves
- Gearboxes
- Storage tanks
- Other (critical) installations



*High quality air breathers from Crystal Products ensure fluid protection, protects against corrosion and helps in lowering related maintenance costs.*

## HOW IT WORKS



## ADVANTAGES

- Combines dirt and moisture prevention
- Prevents corrosion inside the tank/reservoir
- Prevents chemical reactions in the fluid caused by dirt particles and moisture from outside
- Lowers maintenance costs
- Clear saturation indication: orange = active, dark green = saturated
- Uses non-toxic silicagel free from cobalt
- Replaces many types of Air Sentry, RMF and DesCase breathers
- Made in the Netherlands at TRIS B.V.
- Controlled production ensures high quality, short lead times and competitive pricing



# BREATHER: CPD SERIES


Characteristics	CPD008	CPD032	CPD064
	<i>for limited space</i>	<i>Standard, highly flexible</i>	<i>high water removal cap.</i>
Article number	TR 650029	TR 650030	TR 650031
Material	Synthetic Material	Synthetic Material	Synthetic Material
Breather type	Disposable	Disposable	Disposable
Toxic absorption material*	no	no	no
Nominal flow	~285 l. / minute	~550 l. / minute	~550 l. / minute
Working temperature	-20 °C / + 70 °C	-20 °C / + 70 °C	-20 °C / + 70 °C
Air filter	~3µ	~3µ	~3µ
Hygroscopic material	Sillica Orange to Green	Sillica Orange to Green	Sillica Orange to Green
Dimensions	ø77 x 85 mm.	ø132 x 160 mm.	ø132 x 305 mm.
Water absorbing capability	~0,08 liter	~0,32 liter	~0,64 liter
Contents	~0,25 liter	~1,00 liter	~2,00 liter

\* SDS available, Crystal Products uses sillicagel that does not contain cobalt.

Tip: purchasing your first CPD breather? The CPD032 and CPD064 require a one-time purchase of the Universal adapter, see below.

## EASY INSTALLATION USING CRYSTAL PRODUCTS UNIVERSAL ADAPTERS\* FOR CPD032 & CPD064:

Article #	Size & Description
TR-650021	CP Adapter 3/4" BSPT Male
TR-650022	CP Adapter 1" BSPT Male
TR-650023	CP Adapter 1 1/4" BSPT Male
TR-650024	CP Adapter 1 1/2" BSPT Male
TR-650025	CP Adapter 2" BSPT Male
TR-650065	CP Adapter 1" BSP Female
TR-650045	CP Adapter field 6 holes
* more options on request	



[www.crystalproducts.eu](http://www.crystalproducts.eu)



CRYSTAL PRODUCTS BREATHERS ARE MANUFACTURED BY TRIS B.V. TOPAASSTRAAT 5 7554 TJ HENGLO THE NETHERLANDS [www.tris.pro](http://www.tris.pro) info@tris.pro tel.:0031(0)742428109

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