

CrystalProducts
Air Breather Technology

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.

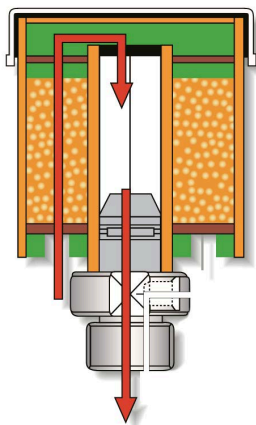
Example applications:

- 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

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