

SUPPLIED AIR

Breathing protection system
with compressed air supply

Best breathing air.
Any place.



CE EN 14594
102/4 Class 1B/2B/3B 4090.000
optrel tec ag - Industriestrasse 2 - CH

optrel
suppliedair

optrel®
swiss made 

SEE
WHAT YOU
CAN DO

Adjustable fresh air supply for numerous applications

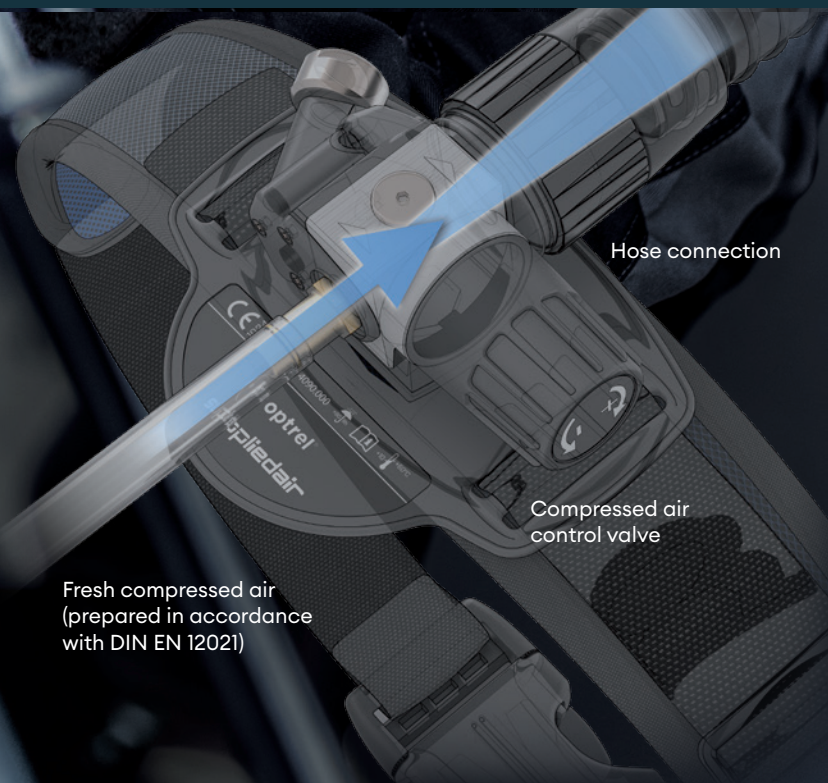


Individually adjustable air distribution

optrel fresh air helmets have a continuously adjustable rotary switch that lets you route up to 20% of the air to the forehead area for additional cooling. This avoids a direct draught over the eyes and the dehydration of the eyes associated with it.

Always the best breathing air

When working in toxic environments, in closed rooms or in extremely cramped situations, such as in boiler or vessel construction, a sufficient supply of clean fresh air is essential. The optrel suppliedair system forms the interface between the compressed air carrying case air vessel and the fresh air helmet. It ensures a sufficient and regulated supply of fresh air and warns you with its integrated alarm of deviations in the target air volume.





Hose connection


Compressed air
control valve

Fresh compressed air
(prepared in accordance
with DIN EN 12021)


Breathing protection system	Art. no.
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 suppliedair breathing protection system with compressed air supply and connection compatible with RECTUS 25, 26 and CEJN 320	4090.000
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 suppliedair breathing protection system with compressed air supply and G1/4" connection	4090.010
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 Air filtration unit for suppliedair	4090.100
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Accessories/spare parts	Art. no.
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 Noise silencer with sealing ring (set) for optrel suppliedair	4090.020
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 Air hose to head gear	4090.060
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 Pressure hose standard (10m)	4090.050
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 Pressure hose spiral (10m)	4090.051
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 Pressure hose antistatic (10m)	4090.052
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 Floatation type flow meter	4090.040
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Comfort belt

An individually adjustable belt with quick-release fastener ensures a comfortable fit and ideal support of the system on the body.

Air filter

An additional air filter provides the user maximum with safety. It prevents the penetration of foreign bodies and impurities into the clean compressed air and thus into the fresh air helmet.



The perfect fresh air supply for working in critical environment **optrel suppliedair**

Great Connectivity

Two different connection nipples are available for connection to all common compressed air systems.



Air flow	160 to 250 nL/min
Minimum flow rate	160 nL/ min
Pressure range	4 to 10 bar
Weight	280 g
Noise level	max. 70 dB(A)
Operating temperature	+10°C to +40°C
Humidity range	20% to 80% RH
Belt size	60 – 150 cm
Audible alarm in case of pressure loss	

Ideal for:

- Welding
- Plasma cutting
- Grinding applications
- Gouging
- Metalworking
- Foodstuffs industry
- Paint shops
- Chemical industry

**Compatible with all
optrel fresh air helmets**



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