



# Inspire-H Ambient air hatch

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The Inspire-H mask provides an unique combination of ambient air hatch and quick connection.

The mask is equipped with an ambient air hatch enabling the user to have the mask fully donned and still breathe ambient air to save the compressed air in the cylinder. With a very simple operation, a push on the hatch cover, the air from the cylinder is activated.

With this solution the user is always sure to have a perfect seal. The risk for improper mounting of the breathing valve while wearing the mask is eliminated when it is kept correctly connected at all times. In addition, the breathing valve is always protected and never exposed to dirt, contamination and mechanical exposure.

The quick connection makes installing and removing the breathing valve very easy. To install the breathing valve, it is simply pushed into the mask and locks in place. To remove it, the two red buttons are pressed simultaneously and the breathing valve pulled out from the mask.

The mask and breathing valve design is very compact with no protruding parts which gives unrestricted visibility and reduce the risk of snagging and mechanical damage. The silent operation of the mask gives minimal noise interference and excellent communication possibilities.

The visor is protected by the visor frames to prevent scratching when placed on flat surfaces. Furthermore, it is protected with an anti-scratch coating meeting the 7.9\* "Facepiece Lens Abrasion Resistance Performance" requirement in the US standard NFPA 1981:2019. The anti-fog coating on the visor prevents fogging and meets the requirement in EN 166 7.3.2. The mechanical strength of the visor is tested according to EN136 8.11.

- Quick connection of breathing valve to the face mask
- Breathing valve closes automatically when disconnected from face mask
- Demand controlled and activated from inner mask providing excellent breathing performance
- Purge button on breathing valve to increase air flow to the mask
- Open ambient air hatch is indicated with a highly visible indicator arm
- Prepared and compatible with voice communication systems, "Heads-Up Display" and spectacle kit
- Ergonomic head harness with easily operated buckles

The standard version is made from natural rubber and has a 5-point head harness. This version is available in the three different sizes Standard size, Small size (S) and X-large size (XL).

The silicone version is available in Standard size.

There is also a version compatible with helmet adapters with a 4-point head harness and a top strap. This version is available in Standard size. When ordering this mask version, it is delivered including head harness, buckles and neck straps. But if it is ordered together with "Pre-delivery mounting of helmet adapter" (see "Accessories" below) it is delivered without head harness, buckles and neck strap.

## Technical specification

Approval : CE 89/686/EEC

Connection : Quick connection to breathing valve

Connection (2) : M16 to breathing hose

Material : Natural rubber / Silicone (only M/L)

Material (2) : Visor - Polycarbonate

Standard : EN 136

Weight : 0,7 kg

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