

## ► CEN-PAQ

### Short interventions self-contained breathing apparatus



#### Technical specifications

**Vest:** Flame retardant one size fits all VELCRO or buckle closure with detachable pocket for the mask

**Regulator:** Non-adjustable first level regulator, spring loaded piston mechanism and air reserve protected by a safety valve

**On-demand valve:**

- Compact positive pressure demand valve, diaphragm tilting mechanism with low inhalation resistance possessing dynamic response performance
- Automatic activation from first inspiration and by-pass
- Air flow performance: maximum 500 l/min
- Constant flow rate obtained by the By-pass: 150 l/min

**Indicator:**

- Bourdon type dial indicator
- Heat and impact resistant polycarbonate lenses
- Explosion protection in the back of the gauge
- Accuracy:  $\pm 10$  bar between 40-300 bar

**Low pressure whistle:** 68 bars warning whistle

**Medium pressure hose:**

- Maximum pressure 16 bar
- Minimum pressure at explosion 80 bar

**High pressure hose:**

- Maximum working pressure 450 bar
- Minimum explosion pressure 800 bar
- Stainless steel swivel hose connection

**Weight:**

- CEN-PAQ vest: 2.8 Kg
- With 15 minutes steel cylinder: 7.5 Kg
- With 30 minute carbon fiber cylinder: 8.0 Kg

#### Product description

The **CEN-PAQ** is a self-contained breathing apparatus especially designed for short work (15 or 30 min) or rescue operations in confined spaces. The one-size-fits-all high-visibility flame retardant vest with VELCRO closure allows donning in seconds.

The **CEN-PAQ** SCBA is ideal for situations where reaction time is of the essence like rescue applications, short and rapid intervention's response time, or where a full size self-contained breathing apparatus might be too bulky.

The **CEN-PAQ** is a "short-duration" self-contained breathing apparatus consisting of a one-size-fits-all fireproof jacket, a high pressure air cylinder and a two-stage pneumatic system with pressure regulator and demand valve. The high visibility PVC jacket as well as a cross-chest VELCRO fastening system is designed to fit a large variety of body sizes with minimal adjustment required.

#### ► Main assets

- Recognized and efficient pneumatic system with an activation mechanism at the first inhalation
- Equipped with an air indication manometer and a 68 bar low pressure warning whistle
- Designed to fit a variety of body sizes with minimal adjustment
- High visibility fireproof vest with VELCRO closure
- High visibility PVC material, optional antistatic version
- Steel or composite cylinder lasting 15 or 30 minutes
- Used with Scott Safety Promask PP or Vision3 full face masks
- CE marking in compliance with the EN 137 standard as well the EN 139 standard when mounted with an air supply

#### ► Compliance:

- EN137 relating to open circuit compressed air respirators devices
- EN136 relative to panoramic masks for respiratory protection equipment
- EN139 relating to open circuit supplied air respirator devices
- AS1716 Australian approval for respiratory protective

