

# Self Contained Breathing Apparatus

Specifications subject to change without notice. | USA 200131 | Page 1 of 2



## DESCRIPTION

Open-circuit, positive-pressure, self-contained breathing apparatus (SCBA) contains facemask, flow regulator, reducer, cylinder with compressed air, and back frame with harness. A deluxe cabinet provides visible, clean and contaminant-free storage.

## APPLICATION

To use respiratory protection IDLH (Immediately Dangerous to Life or Health) in industrial and commercial environments, e.g., mining, chemical, pharmaceuticals, petrochemical plants, as well in conjunction with refrigerant gas leak detection in HVAC chiller equipment rooms as required by ASHRAE 15-1994.

## FEATURES

- *Panorama facemask maintains over 90% of peripheral vision*
- *Fail-safe first stage pressure reducer*
- *Aluminum cylinder, 30 minute air supply*
- *Ergonomic harness and lightweight back plate assembly*
- *Deluxe lightweight, wall mount cabinet*
- *Exceeds NIOSH standard*

## SPECIFICATIONS

### Panorama Face mask

Face piece	
- size	Medium facepiece; medium nose cup
- material	Silicone rubber; won't oxidize or react with ozone
- head strap	Five-strap harness and skirt
- exhalation valve	Removable, fast and easy servicing

### Flow Regulator

First stage regulator	Minimal moving parts; enhances reliability while reducing maintenance cost
Second stage regulator	Compact, low profile
- control	Pilot valve
- connection	Air Klic™ fastening system, allows attachment in any orientation; regulator holder on waist strap
- activation	By first breath; can be kept in stand-by mode

### Air Management

- pressure indicator	Industry standard chest-mounted analog gauge
- warning	Bell sound

### Air Cylinder

Filling	Grade D, compressed, dry air, 20.8 % oxygen, 78.0 % nitrogen, < 0.96 % argon & CO <sub>2</sub> , zero oil
Cylinder material	Aluminum
Pressure, full charged	2,216 PSI (15,278 kPa)
Breathable air time	30 minutes

### Back Frame with Harness

Back plate	Might-Light® backpack, lightweight ergonomic design; no tool maintenance Nylon, industrial applications
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### Material

### Environmental

Permissible ambient	
- working temperature	-25°F to 160°F (-32°C to 70°C)

### Physical

Cabinet	Deluxe, w/viewing window
- installation	Wall mount, vertical surface
- construction / material	ABS design, corrosion-resistant with ultraviolet inhibitors; clear cast acrylic window
- hardware / hinges	Single, nonmetallic, Buna-N rubber sealed
- slots	Three slots for shelf position
- door color	Safety yellow

## SCBA-PRO-30



- NIOSH 42 CFR Part 84
- MSHA approved

## SPECIFICATIONS

### Physical (cont...)

- protection Against moisture, dirt, corrosive chemicals, and ultraviolet light
  - dimensions (L x W x H) 20.00 x 13.00 x 32.50 in. (508 x 330 x 826 mm)
  - bracket Universal, mild steel, powder white coating, solid tubing, 1/4" (6 mm) diameter
- Weight
- SCBA 30.0 lbs (13.6 kg); facemask, regulator, back frame & cylinder
  - SCBA w/Cabinet 43.0 lbs (19.5 kg); facemask, regulator, back frame, cylinder & cabinet

### Approval/Listings

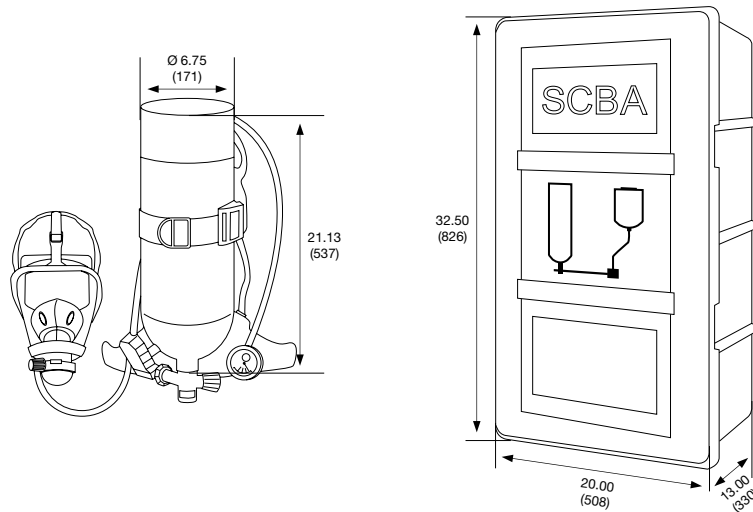
NIOSH 42 CFR Part 84  
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### Warranty

Limited twelve years for SCBA;  
Limited fifteen years on cylinder;  
Limited lifetime on first stage regulator

## DIMENSIONS

inches (mm)



## ORDERING INFORMATION

### SCBA-PRO-30

Complete SCBA w/facemask, regulator, air cylinder, back plate & storage cabinet

**Note:**

*Do not use the SCBA-PRO-30 for interior structural firefighting or in other applications where it may be exposed to high heat or direct flame.*