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Honeywell T8000™ SCBA

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## **Tested and Proven Solutions for Firefighters**

With Maximum Protection

## Simple Yet Advanced Self Contained Breathing Apparatus

Firefighters are exposed to highly variable environments including elevated temperatures, convective and radiant thermal fluctuations, which can put a significant burden on fire protective equipment. Thermally degraded and melted Self Contained Breathing Apparatus (SCBA) face pieces have been identified as a contributing factor in certain Firefighter fatalities and injuries.

Honeywell understands that fire ground operations are inherently dangerous and high levels of effort and exertion is needed for equipment that can protect them from extremely hostile environments and activities that are faced by Firefighters and industrial users, today.

Honeywell T8000 is a Self Contained Breathing Apparatus (SCBA) that is designed to provide a superior and effective safety product for respiratory protection in firefighting and industrial usage that complies with the EN137, Type II Classification. The T8000 SCBA from Honeywell understands a Firefighter's ensemble in high heat conditions, and the level of thermal performance. Firefighters need the finest protection against unforeseen circumstances that are immediately dangerous to life or health.

Since it is a critical component in the personal protective equipment a complete SCBA passes continuous breathing tests of 1.2 million times thereby, providing high reliability.

### Robust design for maximum respiratory protection

Respiratory protection, in the form of a SCBA, is a critical component of a Firefighter's personal protective equipment because it protects the wearer from inhaling the life threatening atmosphere often present in and around the fire ground.

With a simple and functional design backed by rigorous research and development, the operating practice, field environment and cost effective design for users in Asia was taken into full consideration. Honeywell's T8000 SCBA's are built upon a cost effective and robust design providing maximum respiratory protection to Firefighters.

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### Flexible Connector Demand Valve with Exceptional Mobility

- Whether the user is climbing, bending, crawling, or reaching for equipment on the apparatus, the technically superior push-to-connect fittings, Banjo connector valves, function without tools, are easy to operate and have been designed to engineer more flexibility when wearing these demand valves. This simple design helps to minimize bulk and allows freer movement in difficult spaces.
- It minimizes the pressure hose closer to the user's chest to avoid the risk of the hose becoming hooked so that it creates a more balanced load.

3

### Clarity of Vision with Pano Mask

The SCBA lens forms a critical barrier that is designed to withstand physical and thermal impacts while maintaining integrity and visual acuity.

- Wide panoramic vision with distortion free clarity
- Its ergonomic design provides exceptional all day comfort
- One size fits all
- Air click systems allows the users to snap the valves into place
- The face piece, internal half mask and skirt is made of a special substance called EPDM that provides optimal resistance in fire and chemical environments

2

### Ergonomically Designed Harness System

To take some of the weight out of the SCBA, Honeywell T8000 has an advanced ergonomic design of the shoulder straps, hip pad and back frame that allows the weight to be displaced so that only a minimal load is felt on your shoulders and back. The design provides maximum comfort and is quick and easy to maintain.

- A medium and high pressured hose are positioned on both sides wrapped tightly against the back pack to ensure safety and balance.
- The broadened straps ensure comfort and equipped with reflective stripes for easy observation in dark environments.

4

### Technologically Advanced High Pressure Hose with Chest Whistle

Developing an effective fire stream is one of the most basic fundamentals of any fire fighting operation. Honeywell's technologically advanced T8000 SCBA determine an effective pressure is delivered to ensure users safety.

- An in-built high pressure hose is equipped with exposure holes outside to ensure users safety.
- The chest whistle in the front can be heard loud and clear so that the person hearing it can respond and be saved.

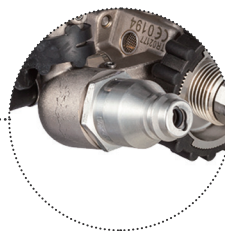
Upgrade Features



Second Medium Pressure Hose  
(Buddy Breather)



Quick-coupling Demand Valve



Universal Air Coupling



**5** Reliable Reducer System  
with Equalized Air Flow

- First stage reducer system provides safety and reliability
- The buddy breather outlet ensures the safety of the rescuer and rescued, by providing equalized and medium pressure of air flow to the rescued without decreasing it.



SPECIFICATIONS	
Total Weight of the complete apparatus with charge cylinder	Approximately 11 kg
High-pressure pneumatic gauge	0-400 bar, photo-luminescent gauge, rubber protection and integrated alarm whistle
Alarm activation	55±5 bar
Alarm volume	>90 dBA
Approve temperatures	-30 °C – 60 °C
Apparatus type-approvals	EN 137:2006 Type 2
Full-face mask type-approval	EN 136 Class III
SKU	PRODUCT DESCRIPTION
SCBA-805MLK	T8000 EN Basic, 6.8L 300Bar Composite Cylinder with gauge
SCBA-805MLK-T	T8000 EN w/ Buddy Breather, 6.8L 300Bar Composite Cylinder with gauge
SCBA-805MLK-UT	T8000 EN w/ Buddy Breather and UAC, 6.8L 300Bar Composite Cylinder with gauge
SCBA-05T	Pano Mask Rescue Kit

## The Advantage of Honeywell

### World Class

Jet engines, thermostats and SCBAs seem worlds apart, but they're all products engineered and manufactured by Honeywell.

A trusted American company for over 125 years, Honeywell offers best-in-class products in a variety of businesses.

- Aerospace products that are utilized by virtually every spacecraft and commercial or military aircraft with flight management and landing systems
- Control systems with sophisticated energy management, building and plant control systems, and fire alarm systems and gas detection

- Specialty materials from petroleum products to environmentally friendlier refrigerants to materials that go into bullet-resistant vests
- Automotive turbochargers for vehicles of all types including those powered by gasoline, diesel, CNG, and hybrid fuel systems
- Personal protective equipment such as Intelligent Hearing, Engineering Fall Protection, Electrical Safety... and now the Honeywell T8000 SCBA

#### Please note:

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#### For more information

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