

Honeywell ER5000 Escape Breathing Apparatus (EBA)



Every second counts.

That's why Honeywell has designed an advanced emergency Escape Breathing Apparatus that's so easy to use, it can be donned and functioning in seconds. Available in both 5- and 10-minute breathing time lengths.

The Honeywell ER5000 EBA supplies five (EBA-5) or ten (EBA-10) minutes of emergency breathing air, giving your workers the time they need to safely escape from toxic or oxygen-deficient atmospheres. The assembled device is fully contained in a carry pouch and is composed of a refillable cylinder, valve and pressure gauge assembly, breathing tube, protective air hood, and regulator.

With decades of legacy experience in respiratory protection, Honeywell concentrates its efforts on developing efficient and comfortable equipment in collaboration with actual users to continuously develop new products to better meet their needs.

Suggested Areas of Application:

| | |
|-----------------|----------------|
| Oil and Gas | Forestry |
| Chemical | Mining |
| Manufacturing | Utility |
| Water Treatment | Government |
| Nuclear | Pharmaceutical |



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A High Flow EBA

For escape situations that require greater exertion (walking up stairs, climbing, etc.) Honeywell offers an EBA (EBA-HF5) with higher air flow for more comfortable breathing. It features a 5-minute, 15 cubic foot, lightweight aluminum cylinder and a regulator that delivers air to the hood at the higher flow rate of 72 liters per minute.

Features and Benefits

| Feature | Benefit |
|---|--|
| 5-minute, 5-minute high flow or 10-minute duration | All assemblies utilize commonality of parts, so they're easily interchangeable |
| Comfortable, Replaceable loose fitting hood | Fits easily over eyeglasses, full beards, and hard hats; easily replaceable after use or training; loose fitting hood for escape does not require fit testing |
| An elastic drawstring provides a secure neck seal | Maximum protection and easy donning and doffing |
| Hood incorporates a "T" design | Allows the hood to sit off users face while offering 360 degree field of vision. |
| A permanent anti-fog film is laminated inside the hood | Ensures maximum visibility |
| ER5000 is durable and resistant to temperature extremes | EBA-5 tested to operating temperatures of -25°F – 140°F (-31.66°C – 60°C); EBA-HF5 and EBA-10 tested to 0°F – 140°F (-17.77°C – 60°C) |
| Adjustable carry system | Carry in three comfortable positions: around the neck, over the shoulder, or around the waist |
| Versatile and Rugged Carry Pouch | Constructed of tough vinyl, this pouch is tear and rip-resistant, with a hook and pile closure for immediate access to the hood and on/off valve; EBA-5 features a bright yellow bag and EBA-10 features a bright orange bag |
| Regulator swivels 360 degrees for full range of motion | Eliminates snag points and allows users full range of motion |
| Detachable regulator | Makes maintenance and cleaning a snap |
| Spring-reinforced breathing tube | Muffles air noise for quiet operation; prevents kinking of tube so air flow won't be restricted or cut off |
| Wall mount bracket, or optional storage case | Can be wall-mounted or used to transport the unit |

Specifications

| | EBA-5 | EBA-10 | EBA-HF5 |
|------------------------|---------------------------------|--------------------------------|--------------------------------|
| Weight (Full Charge) | 6.5 lbs. (2.95 kg) | 8.5 lbs. (3.85 kg) | 9.3 lbs. (4.2 kg) |
| Size (Package) | 4.5 x 12.5 in. (.11 x .32 m) | 4.5 x 16 in. (.11 x .40 m) | 4.5 x 18.5 in. (.11 x .47 m) |
| Flow Rate | 42 LPM | 32 LPM | 72 LPM |
| Cylinder Pressure | 2216 psi | 3000 psi | 3000 psi |
| Hood Type | Drawstring | Drawstring | Drawstring |
| Hood Material | Polyurethane Film | Polyurethane Film | Polyurethane Film |
| Cylinder Type | 3AL (8CF) | 3AL (13CF) | 3AL (15CF) |
| Operating Temperature | -25°F – 140°F (-31.66°C – 60°C) | 0°F – 140°F (-17.77°C – 60°C) | 0°F – 140°F (-17.77°C – 60°C) |
| Vinyl Carry Pouch Type | Fully Enclosed 3 Pos. Strap | Fully Enclosed 3 Pos. Strap | Fully Enclosed 3 Pos. Strap |
| Regulator | Adj. Flow Balanced Piston Type | Adj. Flow Balanced Piston Type | Adj. Flow Balanced Piston Type |
| Breathing Tube | Low Temp. Elastomer | Low Temp. Elastomer | Low Temp. Elastomer |
| Hood Connector | Molded Nylon | Molded Nylon | Molded Nylon |
| Carrying Case | Blow Molded Polyethylene | Blow Molded Polyethylene | Blow Molded Polyethylene |

Order Information

| | EBA-5 | EBA-10 | EBA-HF5 |
|--------------------------------|--------|--------|---------|
| Unit Part Number | 975638 | 975647 | 975648 |
| Cylinder Part Number | 975081 | 975091 | 975154 |
| Vinyl Carry Pouch Part Number | 975859 | 975906 | 975635 |
| Carrying Case Part Number | 975163 | 975163 | 975163 |
| Wall Mount Bracket Part Number | 89986 | 89986 | 89986 |

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