

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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