



M-20.2 EEBD
EMERGENCY ESCAPE BREATHING DEVICE
Instruction Booklet

P/N 340062 Rev. B



OCENCO M-20.2 EEBD
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INSTRUCTION BOOKLET

P/N 340062, DWG A14860, Rev. B, ECN 4226

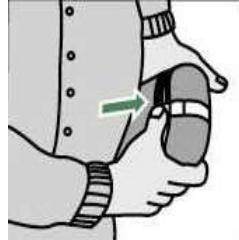
The Ocenco M-20.2 EEBD is a belt worn or stored, compressed-oxygen, self-contained self-rescuer. The M-20.2 EEBD instantly provides breathable air, independent of the surrounding atmosphere, to a person escaping from any area of toxic gas or oxygen deficiency.

The M-20.2 EEBD has a rated duration of 15 minutes in accordance with AS/NZS 1716:2012.

DONNING PROCEDURE

The following are the donning steps for the belt worn configuration of the M-20.2 EEBD. If the M-20.2 EEBD is wall mounted, first remove the M-20.2 EEBD from the orange Secondary Container case. **Warning:** These five steps must be practiced numerous times until they become second nature.

1. Lift yellow lever and discard cover.



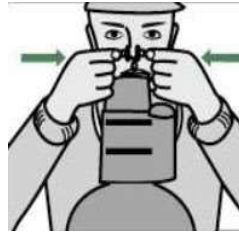
2. Remove unit by pulling yellow neck strap upwards.



3. Insert yellow mouthpiece



4. Fit yellow nose clip



5. Inhale through mouth and escape.

To fit the neck strap, simply place the neck strap over the head and pull upward on the o-ring to shorten the neck strap.

To fit the face shield, simply pull the face shield over the head and pull outward on the o-rings to tighten the face shield around neck.

In the unlikely event that moisture on the inside of the face shield distorts your vision, simply press or rub face shield against the face with your hand.

CHANGE OVER

When changing to a new M-20.2 EEBD from your current M-20.2 EEBD proceed as follows:

1. Prepare the new M-20.2 EEBD.
 - a. Lift yellow lever and remove cover.
 - b. Leave unit in the base, unfold neck harness.
2. Change to new unit.
 - a. Remove neck harness of old unit.
 - b. Take deep breath from old unit.
 - c. Remove new unit by pulling yellow strap upwards.
 - d. Remove mouthpiece and nose clip of old unit and discard.
 - e. Insert mouthpiece of new unit.
 - f. Fit nose clip of new unit.
 - g. Pull neck harness of new unit over the head.
 - h. Purge contents of bag.
 - i. Breath normally.

SERVICE LIFE

The M-20.2 EEBD as a whole, may remain in service for fifteen years from the date of manufacture, provided the conditions of use are observed. The M-20.2 EEBD must be either stored or belt worn, according to the conditions of use, throughout its service life. If the M-20.2 EEBD is belt worn, after five years it must be placed in stored position or returned for factory service. If the M-20.2 EEBD is stored it may remain in service without factory service. The M-20.2 EEBD should be removed when it exceeds the mandatory factory service date. Conditions of Use: (1) the visual inspections described in this booklet must be performed, (2) proper care described in this booklet must be performed, (3) when stored, the M-20.2 EEBD must be stored in an Ocenco Incorporated approved case and (4) if worn, the M-20.2 EEBD must be belt worn on the person.

HOW TO INSPECT THE M-20.2

M-20.2 EEBD inspections are visual. DO NOT open the clear case to inspect the M-20.2 EEBD. If belt worn, the following visual inspection should be conducted at the beginning of each work shift that the unit is worn:

1. Read the pressure gauge.

The tip of the white needle on the gauge is normally in the green. If the needle is in the red or on the white zero pressure mark, remove the M-20.2 EEBD from service. If the view of the gauge is obstructed, the M-20.2 EEBD must be removed from service. If the surrounding air temperature is above 38°C and the needle is above the green zone, allow the unit to cool down to 18° to 24°C. The needle should read within the green zone.

If belt worn or stored, the following visual inspections should be conducted every two years:

1. Read the pressure gauge.
2. Visually inspect the apparatus for indications of abuse. Indications of abuse are listed below. If any of these signs are present the M-20.2 EEBD must be removed from service:

- a) Case cracked, burned, deformed, or excessively worn.
- b) Excessive gap between cover and base.
- c) Damaged latch or cover band.
- d) Dirt, debris or moisture visible through case.
- e) Belt loops broken

- f) Missing tamper indicating ball from yellow lever on band assembly.

If the M-20.2 EEBD fails any of the listed inspections or if at any time during its life the pressure gauge is out of the green zone or the indications of abuse are observed, the unit should be removed from service.

HOW TO CARE FOR THE M-20.2 EEBD

The M-20.2 EEBD is designed to be belt worn or stored in a confined space environment. However, like all escape breathing devices it is not indestructible.

Abusing your M-20.2 EEBD is risking your life in the event of an emergency.

Abusing someone else's M-20.2 EEBD should be considered a criminal offense.

1. If the M-20.2 EEBD is accidentally opened, DO NOT close it, remove it from service.
2. DO NOT drop the M-20.2 EEBD, particularly when taking off the belt to which it is attached.
3. DO NOT clean the M-20.2 EEBD with anything other than a soft brush. Disinfection is not required.

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4. DO NOT immerse the M-20.2 EEED in water.
 5. DO NOT sit on the M-20.2 EEED.
 6. DO NOT drag the M-20.2 EEED on the ground.
 7. DO NOT place the M-20.2 EEED near heat greater than 70°C.
 8. DO NOT put tape or stickers on the M-20.2 EEED that would impede its opening or the reading of the gauge.

WHEN TO USE THE M-20.2 EEED

The M-20.2 EEED should be used immediately at the first indication of fire or explosion, even if smoke is not visible. Carbon monoxide is odorless and colorless. You could breathe a fatal amount of carbon monoxide before smoke is present. If you suspect an oxygen deficient atmosphere, put on the M-20.2 EEED, don't wait! Some of the possible indications of an emergency are:

1. Sight of smoke
2. Smell of smoke
3. Sight of fire
4. Fire or toxic gas alarm
5. Sudden increase of air temperature
6. Sound of explosion
7. Vibrations of an explosion

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8. Interruption of air flow
9. Someone around you has difficulty breathing or passes out

In the event of an emergency, always don your M-20.2 EEED before attempting to escape or help others.

ADDITIONAL USER INSTRUCTIONS

WARNING

1. Failure to properly use and maintain this product could result in injury or death.
2. Never substitute, modify, add, or omit parts.
3. Approved for use at temperatures above -15°C.
4. The maximum recorded surface temperature of the M-20.2 EEED during use is 55°C.
5. The minimum purity of the oxygen supply is 99.5%. Water vapor is less than 50 mg/m³ at 1 bar.

DISPOSAL

Disposal is necessary after the M-20.2 EEED has been used or has exceeded the service life. The preferred disposal method is to return out-of-service devices to Ocenco or an authorized Distributor for recycling. Alternatively, the users can dispose of the M-20.2 themselves, following the relevant national guidelines for professional disposal.

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