

# LARYVOX® EXTRA HME

## FILTER CASSETTE



LARYVOX® EXTRA  
HME



LARYVOX® EXTRA  
HME MEDIUM



LARYVOX® EXTRA  
HME HighFlow

FAHL

# LARYVOX® EXTRA HME

## FILTER CASSETTE



THE NEW GENERATION

UNOBTRUSIVE DESIGN & SPEAKING OPTION

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REF 90109-EN • Fb222101 DOK FL LARYVOX® EXTRA HME EN 03/2018

LARYVOX® EXTRA HME (Heat-Moisture Exchanger) supplements the LARYVOX® SYSTEM as 5th filter cassette and provides all functions of a conventional filter cassette. It filters, warms and humidifies the respiratory air. In addition, LARYVOX® EXTRA HME is equipped with an easy-to-operate speaking option for patients with voice prosthesis, and features an unobtrusive design. By virtue of three different versions, LARYVOX® EXTRA HME can be selected to suit individual activities and requirements. The HighFlow version for instance, due to its reduced breathing resistance, is particularly suitable for situations with strong physical exertion.

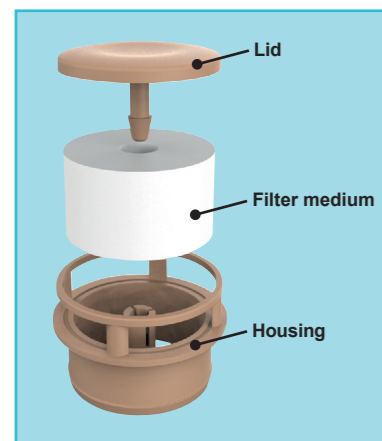
**FILTERING - WARMING - HUMIDIFYING**

The filter medium integrated in the LARYVOX® EXTRA HME housing serves for exchanging heat and moisture and filters the respiratory air. Due to the loss of nasal breathing, filtration, warming and humidification of the respiratory air must be ensured in order to prevent irritation of the airways due to dry air, dust, or harmful substances contained in the respiratory air. After surgery, tracheotomised / laryngectomised patients often suffer from increased production of mucus and irritation of the airways associated with an urge to cough. These symptoms can impair breathing and voice rehabilitation. Regular use of HME filter cassettes alleviates the symptoms through reduction of viscous secretions in the lungs and enhances the quality of life.

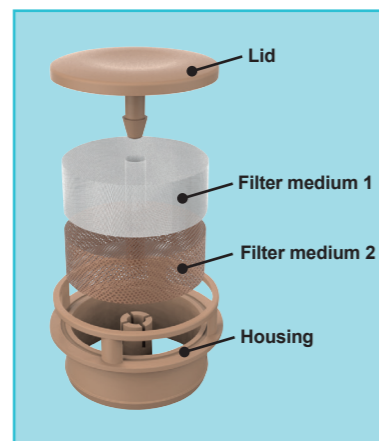
The filter cassette is intended for single use only and must be replaced at the latest after 24 hours. LARYVOX® EXTRA HME can be worn both during the day and at night.

**LARYVOX® EXTRA HME is available in three versions:**

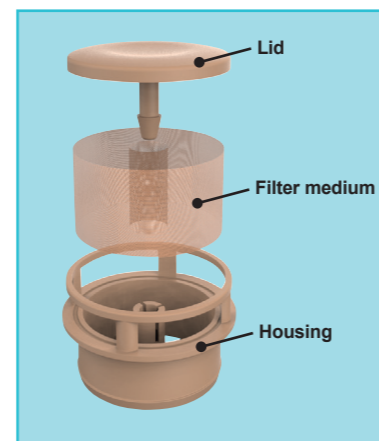
- NORMAL** ▶ normal breathing resistance for situations with normal physical exertion
- MEDIUM** ▶ medium breathing resistance for physical activities
- HIGHFLOW** ▶ reduced breathing resistance for situations with strong physical exertion



**NORMAL** version



**MEDIUM** version



**HIGHFLOW** version

The three versions differ in that they have different foam material filters. The standard version LARYVOX® EXTRA HME is suitable for patients immediately after laryngectomy in situations with normal physical exertion. LARYVOX® EXTRA HME Medium features medium breathing resistance and can thus be used for situations involving physical activities. A HighFlow version is additionally available. By virtue of its low breathing resistance, this version is particularly suitable for situations with strong physical exertion and for new HME users.

**UNOBTRUSIVE DESIGN AND EASY APPLICATION**

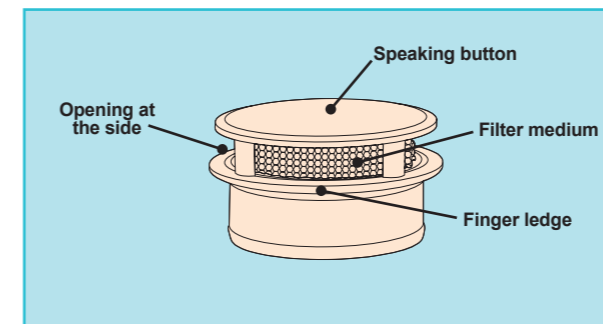
LARYVOX® EXTRA HME consists of a beige plastic housing and a flat closing lid. Thanks to LARYVOX® EXTRA's plain shape and unobtrusive colour design, the HME-filter cassette is very inconspicuous. Side apertures for breathing provide for unhindered air flow even if the cassette is covered with clothing or additional tracheostoma protection material, thus enabling easy breathing. The HME filter cassette can be attached to all conventional base plates (e.g. LARYVOX® Tape) or silicone tracheostomy tubes for laryngectomised patients (e.g. LARYNGOTEC®) with a 22 mm adapter (KOMBI). A finger ledge on the housing enables easy handling and quick removal of the LARYVOX® EXTRA HME filter cassette from the holding ring, thereby facilitating expectoration and stoma care.

**EASY SPEAKING OPTION FOR PATIENTS WITH VOICE PROSTHESIS**

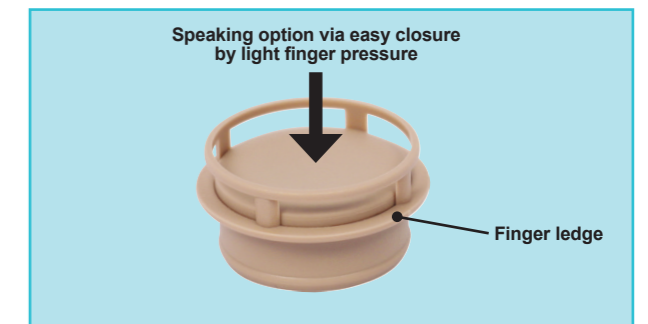
The rounded recess in the lid of LARYVOX® EXTRA HME additionally facilitates deliberate closure of the tracheostoma and renders the optimal finger position easy to feel. By exerting slight finger pressure on the HME lid, the patient is able to accomplish a very precise closure of the tracheostoma, for instance for speaking. The device can be operated even through clothing covering it.

**NO UNPLEASANT SIDE NOISES**

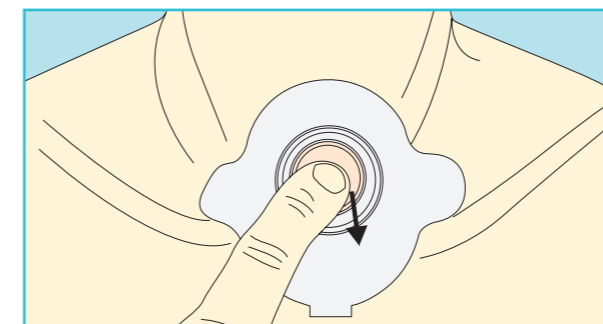
The HME lid and housing are optimally matched to each other through a special closure mechanism. The HME is thus sealed particularly tightly, preventing unintentional air loss from the side of the HME. Unpleasant side noises are reduced.



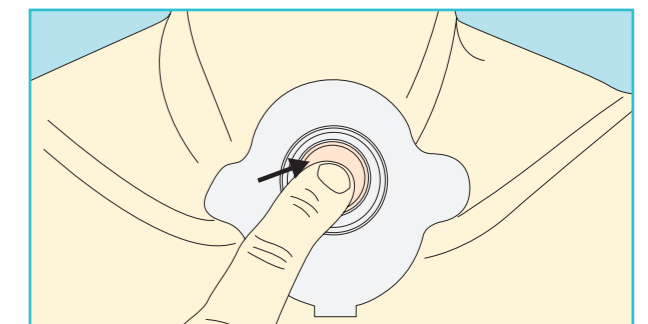
Design of LARYVOX® EXTRA HME



Deliberate closure of the tracheostoma and easy, quick removal of the HME by means of the finger ledge



Application of the speaking option (closing)



Utilisation of the HME function (opening)

**ORDER INFORMATION:**

- ▶ LARYVOX® EXTRA HME, pack of 30
- ▶ LARYVOX® EXTRA HME MEDIUM, pack of 30
- ▶ LARYVOX® EXTRA HME HighFlow, pack of 30

**REF 49860**

**REF 49862**

**REF 49861**