

# FLM AND FHC HOUSING

HOUSING FOR LENTICULAR MODULES  
AND FILTER ELEMENTS



## BENEFITS

EXTRA-STRONG THANKS  
TO THE CONSTRUCTION  
MATERIAL IN AISI 316L  
STAINLESS STEEL

ADAPTABILITY  
TO DIFFERENT  
TYPES OF FLUIDS

ELIMINATION OF  
COLLOIDAL PARTICLES  
AND MICRO-ORGANISMS

AVAILABILITY  
OF CUSTOMISED  
SOLUTIONS WITH  
COMPLETE SKIDS

## HIGH-PERFORMANCE FILTRATIONS WITH AEB ENGINEERING EQUIPMENT

The **filter housings** of the **FHC** and **FLM** series are designed by **AEB ENGINEERING**, the division specialised in the production of systems and equipment which, thanks to its know-how and **100% in-house and on-site production experience**, guarantees the highest quality and reliability of AEB technology. **AEB ENGINEERING** is unique in that it provides **constant support by our technicians**, both during installation and in the after-sales stage. For an unparalleled service that is **flexible and tailored** to the customer needs.



The housings from the **FHC** and **FLM** series are used for the **filtration of beverages** (beer, wine, mineral water, soft drinks) **in combination with DANMIL filter elements**. The structure, made entirely of **AISI 316L stainless steel**, guarantees maximum safety and hygiene. Moreover, the **excellent versatility** makes them ideal for eliminating **yeast cells** and **bacteria**, thus minimising the potential of altering the finished product.



*FLM Housing*



*FHC Housing*

## RANGE

The AEB housing line consists of two models, suitable for housing **filter elements** or **lenticular modules**, to satisfy a variety of filtration requirements.

All our **filter housings** are tested to guarantee **maximum efficiency** and a **high level of safety**.

MODEL	NUMBER OF MODULES/ CARTRIDGES PER HOUSING	HEIGHT RANGE OF ELEMENT	PRESSURE RANGE
FLM HOUSING	FROM 1 TO 4 MODULES	12" AND 16" MODULES	FROM 1 TO 8 BAR AT A TEMPERATURE RANGE FROM 20 TO 150°C.
FHC HOUSING	FROM 1 TO 30 CARTRIDGES	10" TO 40" CARTRIDGES	FROM -1 TO 10 BAR AT 40°C AND FROM -1 TO 4 BAR AT 150°C

## TECHNICAL SPECIFICATIONS

- The cartridge adaptor is available with code 7 with bayonet (226) and code 8 single open end (222).
- The housings can have inlets and outlets for a **wide range of fittings, such as Clamps and DIN11851**; other types of fittings can be supplied on request.
- Vents and drains are available in the standard solution with 1.5" sanitary TC clamp and, alternatively, also with DIN11851 DN25 fittings.
- Gaskets can be requested in different types of material depending on the application. Standard gaskets are in FDA-approved silicone.
- **The vents, valves and in/out fittings are fully adaptable.** A wide range of vents, valves and in/out fittings is available to meet any requirement, avoiding the need for any type of adaptor.
- The bends are fixed on the base with a flanged closing system in the FLM housing, if the heavy-duty fittings are chosen (e.g. ANSI BENDS 150lb). Since the housing bends are exposed to the stress caused by the filtration system, this closure system provides greater strength.
- We can supply PED I, II, III category housings, based on the pressure used during the filtration process.

**FHC and FLM housings are designed in compliance with the EN 13445 standard and the EC 97/23 PED regulation.**

AEB can supply all the additional documentation.

## **RECOMMENDED PRODUCTS**

**DANMIL FILTER ELEMENTS**



**DANMIL DISC**

