

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

The housings from the FHC and FLM series are used for the **filtration of beverages** (beer, wine, mineral water, soft drinks) **in combination with AEB 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

FILTER ELEMENTS



AEB DISC

