

Industrial Grade, Heavy Duty Plastic Cartridge Filter Housing

The rigid and heavy duty SYSFLO CB Series Plastic Cartridge Filter Housing is designed to provide users with the features which includes:

- Economical but yet heavy duty design for demanding process applications.
- Superior "Buttress" thread sealing design provides secure sealing with higher burst ratings (up to 33 bar / 500 psi).
- Made of durable Polypropylene material (NSF listed & US FDA Certified) with either clear (transparent) or opaque (blue) sump.
- Accommodates Sizes 10" & 20" Length DOE Style Cartridge Filters.
- Available with 3/4" connection sizes (NPT-F Threaded).
- Comes standard with pressure relief valve.
- Optional filter accessories (mounting bracket & wrench opener) for ease of user's operation.



The SYSFLO CB Series will provide process users with the below benefits:

- Economical and low capital cost of investment.
- Quick and easy cartridge installation while maintaining a secure and durable filter operation.
- Pressure relief valve availability to release trapped air in filter housing for safe filter change-out.
- Resistant to acids, alcohol, ammonia, oils, plating solutions & many aggressive chemicals.
- Clear (transparent) sump allows for visual inspection of filter cartridge during operation.
- Applicable for wide range of demanding, low system flow process.



Superior "Buttress" Thread Seal Design



SYSFLO CB Series Plastic Cartridge Filter Housing Applications:

- ⇒ Aqueous Cleaning
- ⇒ Water & Wastewater
- ⇒ Metal Parts Washing
- ⇒ Machine Coolants
- ⇒ Mineral Oil
- ⇒ Food & Beverage Process
- ⇒ Cosmetics & Toiletries
- ⇒ Electroplating Process

SYSFLO CB Series Plastic Cartridge Filter Housing Details:

Specifications:	Housing Size:			
	1CB1-XX-B	1CB2-XX-B	1CB1-XX-T	1CB2-XX-T
Material (Head):	Polypropylene (Black)			
Material (Sump):	Polypropylene (Blue)		Acrylic Styrene (Clear)	
Cartridge Size:	10" L DOE	20" L DOE	10" L DOE	20" L DOE
Connection Size:	3/4" NPT Female			
Max. Pressure / Temperature:	8.8 Bar / 50 °C			
Overall Nominal Diameter (mm):	136			
Overall Nominal Length (mm):	320	580	320	580

SYSFLO CB Series Plastic Cartridge Filter Housing Ordering Guide

CB Series Model	Cartridge Length
1CB - 1 Round	1 - 10" Length
	2 - 20" Length

Inlet / Outlet Connection Size	Cover Gasket
A - 3/4" NPT Female	E - EPDM ^{*1}
	N - Nitrile
	V - Viton

Sump Material
B - Polypropylene (Blue)
T - Acrylic Styrene (Clear)

*1 - Housing comes with standard EPDM cover o-ring. Other materials are available as per specified in Ordering Guide.



SYSFLO CB Series Plastic Cartridge Filter Housing Dimensions:



Figure 1 : The SYSFLO 1CB1 Series Plastic Filter Housing with either Clear (Transparent) Sump or Opaque (Blue) Sump



Figure 2 : The SYSFLO 1CB2 Series Plastic Filter Housing with either Clear (Transparent) Sump or Opaque (Blue) Sump

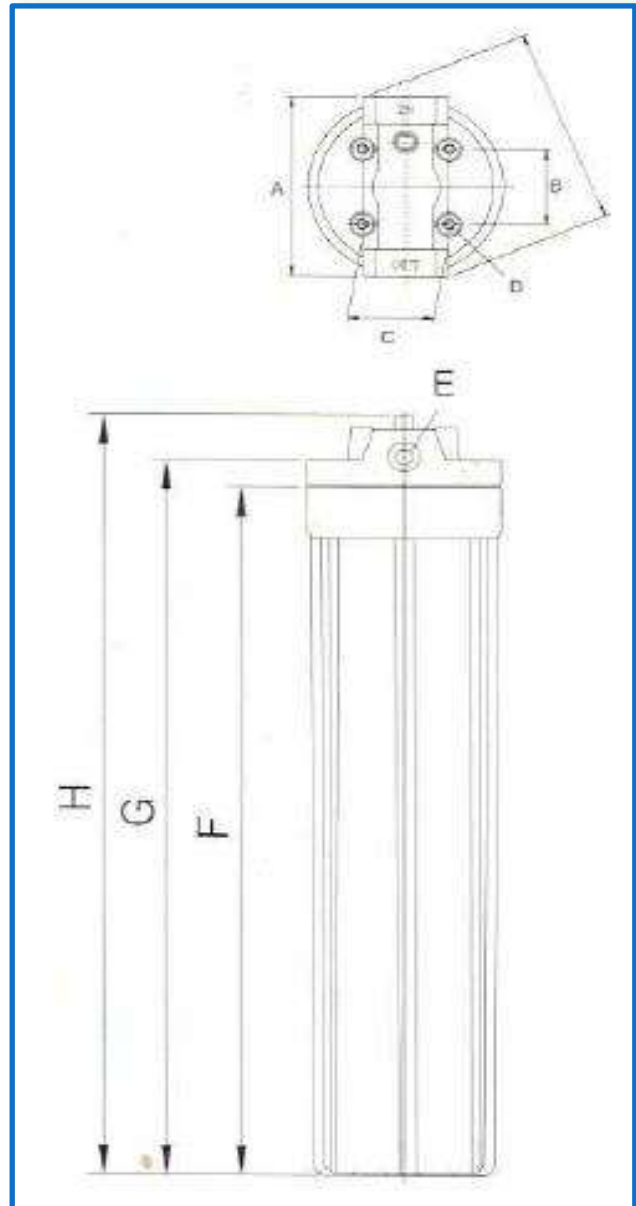


Figure 3 : Dimensions for SYSFLO CB Series Plastic Filter Housing

Dimensional Details of the SYSFLO CB Series Plastic Filter Housing

(Please refer to Figure 3 on dimensional size details)

Dimensions:	A	B	C	D	E	F	G	H
1CB1 Nom. Length (mm) ^{*1} :	136	56	58	6	3/4" NPT Female	260	280	320
1CB2 Nom. Length (mm) ^{*1} :						520	540	580

*1 - Dimensions are in millimeter units unless specified.