



## **FILTER HOUSINGS**

### **HPPB23A™ HSSB23 CONVERTIBLE SIDE LINER HOUSINGS**



**HPPB23A™ Plastic Housing**



**HSSB23 Steel Side Liner Housing**

#### **PRODUCT CATEGORIES**

- **HPPB23A™** - Size Five Polypropylene Bag Housing
- **HPPC23A** - Polypropylene 140mm OD Cartridge Housing
- **HSSB23** - Size Five Stainless Steel Bag Housing
- **HSSC23** - Stainless Steel 140mm OD Cartridge Housing

#### **FEATURES**

- Integrated one-piece injection molded construction.
- Convertible between bag and cartridge housings
- Patented bypass free SDS pressure seal collar
- Effective top mounting lipped high pressure gasket
- Inlet/outlet Connection: 2.0 BSP
- Seal Gasket Materials: Buna-N & Viton
- Made of FDA Compliant virgin Polypropylene resin
- Standard Package: Buna-N gasket, tripod stand, basket, vent valve, bag holder

#### **TYPICAL APPLICATIONS**

- Water purification & processing
- Wastewater treatment
- Pharmaceutical
- Fishery & hatchery
- Bulk & fine chemicals
- Electro plating
- Electronics & semiconductor

#### **TECHNICAL SPECIFICATIONS**

<b><u>Specifications</u></b>	<b><u>HPPB23A™</u></b>	<b><u>HPPC23A™</u></b>	<b><u>HSSB23</u></b>	<b><u>HSSC23</u></b>
Max. clean water flow rate	23 m <sup>3</sup> /Hr	20 m <sup>3</sup> /Hr	23 m <sup>3</sup> /Hr	23 m <sup>3</sup> /Hr
Filter surface area	0.25 m <sup>2</sup>	0.23 m <sup>2</sup>	0.25 m <sup>2</sup>	0.25 m <sup>2</sup>
Vessel volume	18 liters	18 liters	18 liters	18 liters
Operating pressure	0.5 MPa	0.5 MPa	0.7 MPa	0.7 MPa
Max. pressure allowed	0.6 MPa	0.6 MPa	0.8 MPa	0.8 MPa
Operating temperature	Max. 60°C	Max. 60°C	Max. 120°C	Max. 120°C
Qty. & size of filter used	1EA, # 5 filter bag	1EA, 140mm OD cartridge	1EA, # 5 filter bag	1EA, 140mm OD cartridge

**ISO9001 & CE-PED**  
**Certified Manufacturer**

**CORPORATE HEADQUARTERS**  
**Sun-Central Company, LLC.**

5644 Garland Lane, Milwaukee, Wisconsin 53129, USA.  
Telephone: 414-423-5820 Fax: 414-423-5821

E-mail: [info@sccindustry.com](mailto:info@sccindustry.com) Website: [www.sccindustry.com](http://www.sccindustry.com)



## **FILTER HOUSINGS** **HPPB45A™ PLASTIC SIDE LINER HOUSING**

### **PRODUCT CATEGORIES**

- **HPPB45A™** - Size Two Polypropylene Bag Housing

HPPB45A All Plastic Bag Housing is made of 100% pure German made Polypropylene resin, by integrated one-piece injection molding technologies, featuring excellent resistance to pressure, corrosion and ultraviolet light attack. It is designed to use industrial standard Size two filter bags,

HPPB45A has broad applications, and is ideal for high flow, corrosive and outdoor applications.

### **FEATURES**

- Made by integrate one-piece injection molding. High overall product integrity and strength.
- UV inhibitor plastic formulation, ideal for extended outdoor applications
- Fiber glass reinforced structure for boosted pressure resistance
- Use industrial standard Size 2 filter bag. User friendly
- Filter bag seal: use patented bypass free SDS pressure seal ring, 100% bypass free guaranteed
- Effective top mounting lipped high pressure gasket
- Only one gasket seals the entire housing
- Inlet/outlet Connection: 2.0 BSP
- Inlet/outlet Configuration: Side-in, side-out, offline dual option
- Seal Gasket Materials: Buna-N & Viton
- Standard Package: Buna-N gasket, basket, vent valve, plastic bag holder
- Options: Polypropylene flange, plastic pressure gauge

### **TECHNICAL SPECIFICATIONS**

<b><u>Specifications</u></b>	<b><u>HPPB45A™</u></b>
Max. clean water flow rate	45 m <sup>3</sup> /Hr
Filter bag surface area	0.50 m <sup>2</sup>
Vessel volume	32 liters
Operating pressure	0.8 MPa
Max. pressure allowed	1.0 MPa
Operating temperature	Max. 60°C
Qty. & size of filter used	1EA, # 2 filter bag



**HPPB45A™ Plastic Housing**

### **TYPICAL APPLICATIONS**

- Corrosive liquid processing
- Wastewater treatment
- RO system pre-treatment
- Desalination
- Fishery & hatchery
- Electro plating
- Electronics & semiconductor

**ISO9001 & CE-PED**  
**Certified Manufacturer**

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