

## LiquiPro™ YP

### Polypropylene and UPVC Filter Housing



**YP and YPHF pure virgin grade polypropylene or UPVC filter housing is high quality and cost effective for demanding chemical filtration applications, and for DIW and moderate aggressive chemical filtration applications.**

#### Features and Benefits

##### Series PP Housing

- Pure Virgin Polypropylene - No Talc, Fillers, Colorants, Plasticizers or Lubricants – Suited for High Purity Water Applications.
- Suitable for 10" or 20" Cartridges.
- 222 O-rings Filter Cartridge - Excellent for demanding microelectronics applications.
- All Materials are FDA Listed and safe for Food and Beverage.
- Economical Alternative to Fluoropolymer Filter Housings.

##### Top-Flow Series Filter Housing

- Designed for 222 or 226 O-rings Filter Cartridge, 100% Pure Virgin Polypropylene - No Talc, Fillers, Colorants, Plasticizers and Lubricants.
- JIS 25A and 40A Inlet/Outlet Connection Assure High Flow Rates – Additional Inlet/Outlet Connection Types Available on Request.
- Suitable for Generation 6 and 7 TFT-LCD Glass Cleaning and High End Process Filtration Applications.
- Applicable for Ultra-Pure Water, Cleaning Process and Chemical Filtration.
- Can Accommodate Competitive Filter Cartridges of Similar Dimensions.
- All Materials are FDA Listed for Food and Beverage.
- Economical Alternative to Fluoropolymer Filter Housings.

##### 334 Type UPVC Housing

- UPVC material is rigid, durable and compatible with acid and alkaline chemical.
- The Inlet/Outlet offers 50A Union to assure high flow needs.

## YP Series PP Housing

### Specifications

#### Materials of construction

Head/Bowl: Pure virgin polypropylene – no talc, fillers, plasticizers, lubricants  
 Mounting Bracket: Stainless steel  
 O-rings: Viton®, EPDM, Buna-N

#### Dimensions

Inlet/Outlet: 10P: 3/4" FNPT  
 20P: 3/4", 1" FNPT  
 Vent/ Gauge: 1/4" Female NPT  
 Drain: 1/4" Female NPT

#### Maximum Operation Pressure

125 psi (8.6 bar) @ 77°F (25°C) in liquid service

#### FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

### Dimensions

Model	Max Flow Rate GPM (LPM)	Dimensions inch (mm)							Weight lbs (kg)
		A	B	N1	N2	N3	N4	N5	
YP-10	10 (37.9 LPM)	13.9" (355 mm)	6.6" (168 mm)	3/4"	3/4"	1/4"	1/4"	1/4"	2.1lbs (0.97kg)
YP-10	10 (37.9 LPM)	13.9" (355 mm)	6.6" (168 mm)	1"	1"	1/4"	1/4"	1/4"	2.1lbs (0.97kg)
YP-20	20 (75.7 LPM)	23.7" (604 mm)	6.6" (168 mm)	3/4"	3/4"	1/4"	1/4"	1/4"	3.2lbs (1.47kg)
YP-20	20 (75.7 LPM)	23.7" (604 mm)	6.6" (168 mm)	1"	1"	1/4"	1/4"	1/4"	3.2lbs (1.47kg)

### Ordering Information

To form a part number, please chose one option from each column below.

Product Name	Length	Materials	Inlet/Outlet	Fitting	Cart Adaptor	O-Ring
YP: LiquiPro™ YP PP Cartridge Housing	10: 10in	P: PP	3/4in	TN: NPT Thread	A: 222/Flat	V: FKM/Viton® (V is default)
	20: 20in		1in	TP: PT Thread		E: EPDM
						B: Buna-N

\* Non-Standard Request, longer lead time may be required. Ask Technical Specialist.

## Top-Flow Series Filter Housing

### Specifications

#### Materials of construction

Head/Shell: Unplasticized Polyvinylchloride (UPVC)

O-rings: Viton®, EPDM

#### Dimensions

Inlet/Outlet: JIS 50A Union

Vent/ Gauge: 3/8" female PT

Drain: 3/8" female PT

#### Maximum Operation Pressure

72 psi (5 bar) @ 122°F (50°C) in liquid service

#### FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

### Dimensions

Model	Max Flow Rate GPM (LPM)	Dimensions inch (mm)		Weight lbs (kg)
		A	B	
YPHF-10-25A-0/3	20 (75.5 LPM)	15" (380 mm)	6.6" (168 mm)	2.3lbs (1.1kg)
YPHF-10-40A-6	30 (113.6 LPM)	15.5" (394.5 mm)	6.6" (168 mm)	3.4lbs (1.5kg)

### Ordering Information

To form a part number, please chose one option from each column below.

Product Name	Length	Inlet/Outlet	Cart Adaptor	O-Ring
YPHF: LiquiPro™ YP TFT High Flow Series PP Cartridge Housing	10: 10in	25A: 1" Union	A: 222/Flat	V: FKM/Viton® (V is default)
		40A: 1 1/2" Union	K: 226/Flat	E: EPDM
				T: Teflon encapsulated Viton®

\* Non-Standard Request, longer lead time may be required. Ask Technical Specialist.

## 334 Type UPVC Housing

## Specifications

## Materials of construction

Head/Bowl:	Pure Virgin Polypropylene – No Talc, Fillers, Plasticizers, Lubricants
Mounting Bracket:	Stainless Steel
O-rings:	Viton®, EPDM, Buna-N

## Dimensions

Inlet/Outlet:	YPHFU10P: 3/4" FNPT YPHFU20P: 3/4", 1" FNPT
Vent/ Gauge:	1/4" Female NPT
Drain:	1/4" Female NPT

## Maximum Operation Pressure

125 psi (8.6 bar) @ 77°F (25°C) in liquid service

## FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations. Contact for more details.

## Dimensions

Model	Max Flow Rate GPM (LPM)	Dimensions inch (mm)		Weight lbs (kg)
		A	B	
YPHFU-10-50A-R	66 (300 LPM)	17" (438.7 mm)	13.6" (347 mm)	16.75lbs (7.6kg)

## Ordering Information

To form a part number, please chose one option from each column below.

Product Name	Length	Materials	Cart Adaptor	O-Ring
YPHFU: LiquiPro™ YP High Flow Series UPVC Housing	10: 10in	50A: Union	R: 334/Flat	E: EPDM
				V: FKM/Viton® (V is default)

\* Non-Standard Request, longer lead time may be required. Ask Technical Specialist.