

High Flow Series Liquid Cartridge Filter

Filter Data Sheet

AJR Filtration introduces the high flow series liquid cartridge filter. AJR high flow filter cartridges can handle higher flows with fewer filter cartridges. This results in much faster and easier change outs, a removal efficiency of 99% and it is available in filtration range from 1 to 40 micron.

Features-Benefits

- 6" diameter for high flow rates
- Absolute efficiency rating from 1-40 micron
- Multi-layer pleated construction for optimized surface area
- Capable up to 500 GPM for a single 60" cartridge
- Inside-out flow to retain contaminant
- Unique gasket to provide maximum seal
- Thermally bonded construction
- Retrofits competitive high flow housings
- All materials comply with FDA title 21 of the Code of Federal Regulations Sections 177.1520, as applicable for food and beverage contact.

Specifications

Dimensions

- Lengths 20", 40", 60"
- Outside diameter 6"
- Surface area: 24 Sq. ft. per 20"
49 Sq. ft. per 40"
73 Sq. ft. per 60"

Operations Parameters

- Maximum operating temperature - 180F
- Recommended change out differential pressure - 35 PSID
- Maximum Flow Rate: 500GPM per 60"
350GPM per 40"
175GPM per 20"



Removal Efficiency

Micron Rating Beta Ratio	99.9% Beta 1000	99% Beta 100	90% Beta 10
1 Micron	1	0.6	0.2
3 Micron	3	2	1.5
5 Micron	5	4	3
10 Micron	10	8.5	6.5
22 Micron	22	19	14
38 Micron	38	18	15

Ordering Information

PPHF	Micron	Length	O-Ring
	1	20	B - Buna
	3	40	E - EPDM
	5	60	V - Viton
	10		S - Silicon
	20		
	40		