



- Double layer structure, absolute rated
- Thermal bonded end caps and connectors free of any binders
- USP XXIII and FDA CFR Title 21
- End connections fit most standard housings

HYDRONIX AR SERIES ABSOLUTE RATED PLEATED FILTERS

Are Beta 5,000 Absolute rated filters. Made from 100% pure Polypropylene, Hydronix AR Series Filters comply with USP XXIII and FDA CFR Title 21 for food and beverage applications.

HYDRONIX AR SERIES ABSOLUTE RATED PLEATED FILTERS

Offer a longer service life and contain no binders, adhesives or surfactants for wide compatibility of fluids. They combine exceptional solids holding capacity with precise micron ratings. Layered double sheets of media provide absolute particle retention and long service life.



AR SERIES

Absolute Rated Pleated Filters

Materials of Construction

Filter Media: Polypropylene
 Support: Polypropylene
 Core: Polypropylene
 End Cap: Polypropylene
 O-Ring: EPDM, Buna-N, Silicone, Viton, Viton encapsulated PFA

Displaces

Millipore: Polyguard-CN Cuno: Poly Flow-G
 Pall: HDC II Filter Cuno: Polypro
 Pall: Ultiplet Profile Filterite: Poly-Fine II

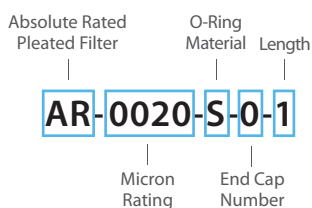
Maximum Pressure Drop

68°F at 70 PSI 20°C at 4.9 kg/cm²
 140°F at 40 PSI 60°C at 2.8 kg/cm²
 203°F at 20 PSI 95°C at 1.4 kg/cm²

Operating Data

Recommended Replaceable
 Pressure Drop: 35.6 PSI (2.5 kg/cm²)
 Max. Operating Temperature: 203°F (95°C)

Model # Guide



LEGEND

Micron Rating: 0020 = 0.2 Micron
 0045 = 0.45 Micron
 0100 = 1 Micron
 0500 = 5 Micron
 1000 = 10 Micron
 2000 = 20 Micron

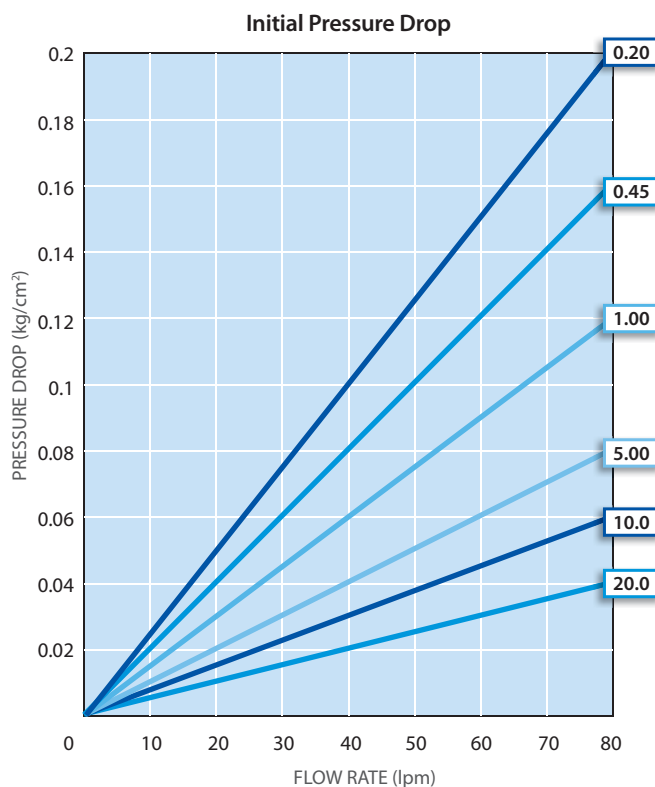
O-Ring Material: E = EPDM
 N = Buna-N
 S = Silicone
 V = Viton
 T = Viton Encapsulated PFA

End Cap Number: F = Double Open End (DOE)
 0 = 222/Flat (SOE)
 5 = 222/Fin (SOE)
 6 = 226/Flat (SOE)
 7 = 226/Fin (SOE)

Length: 1 = 10"
 2 = 20"
 3 = 30"
 4 = 40"

Pre-Flush: B = Pre-flush with DI water
 A = Non pre-flush

Tested and certified by NSF International to ANSI/NSF Standard 42 for material requirements only.



RETENTION EFFICIENCY (%)							
Item Number	0.2 Micron	0.3 Micron	0.5 Micron	1.0 Micron	5.0 Micron	10.0 Micron	20.0 Micron
AR0020	> 99.9	> 99.9	> 99.9	> 99.9	> 99.9	> 99.9	> 99.9
AR0045	62.3	71.9	> 99.9	> 99.9	> 99.9	> 99.9	> 99.9
AR0100	30.2	67.1	73.9	> 99.9	> 99.9	> 99.9	> 99.9
AR0500	-	-	46.8	87.3	> 99.9	> 99.9	> 99.9
AR1000	-	-	-	53.9	81.5	> 99.9	> 99.9
AR2000	-	-	-	-	59.3	86.9	> 99.9

Distributed by:

HYDRONIX WATER TECHNOLOGY

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