YUBO™
Filtration. Solution. Perfection

DLBF Series

DLBF Series Filter

High-Flow Deep-Layer Filtration · Precision Purification · Cost-Effective Performance

The DLBF series utilizes deep-layer fine polypropylene or glass fiber membrane filter media, combined with a graded pore structure design, achieving the integration of deep filtration and high dirt-holding capacity. The product covers a flow range of 30-960 m^3/h, with filtration accuracy reaching 0.1-100 μm, meeting high-end hygiene standard certification requirements. The all-stainless-steel construction offers corrosion resistance, and surfaces can be finished with a matte or mirror polish, making it suitable for high-hygiene standard fields such as food and pharmaceuticals.

Core Challenges Addressed

Difficulty balancing high flow rates with high precision
Short filter life under high-fouling media conditions
Material compatibility in harsh operating environments
High operating costs due to frequent replacements

Typical Applications

Industrial Water Treatment: Coal chemical wastewater, cooling water reuse in power/steel plants

Seawater Desalination: Pre-treatment for reverse osmosis systems

Food & Beverage: Beer, spirits, juice, bottled water filtration

Pharmaceutical & Electronics: Chemical preparation, semiconductor ultra-pure water systems

Municipal Water Supply: Drinking water depth purification

Key Advantages

Graded pore structure for deep contamination retention and extended service life
High-flow design with single-unit capacity up to 960 m^3/h
All-stainless-steel construction, resistant to acids and alkalis
Surface polishing options meeting food and pharmaceutical-grade standards
Low operational resistance and energy consumption

Integrated Value

Centered on deep-layer filtration technology, the DLBF series significantly enhances processing efficiency while ensuring precision filtration. It is suitable for various high-flow, demanding liquid purification scenarios, providing customers with an economical and reliable filtration solution.

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CUSTOM DESIGN AND MANUFACTURING AVAILABLE

Model of Filter	Model of Cartridge	Housing size	Inlet/Outlet	Qty of Cartridge	Length of Cartridge	Flow Rate t/h
D401X	D40R	∅219x1300x2	DN50	1	40	30
D402X	D40R	∅377x1500x3	DN80	2	40	60
D403X	D40R	∅400x1700x3	DN125	3	40	90
D404X	D40R	∅450x1750x3	DN150	4	40	120
D405X	D40R	∅500x1800x3	DN150	5	40	150
D407X	D40R	∅550x1800x3	DN150	7	40	210
D408X	D40R	∅600x1850x3	DN200	8	40	240
D409X	D40R	∅650x1900x3	DN200	9	40	270
D4011X	D40R	∅700x1950x3	DN250	11	40	330
D4013X	D40R	∅750x1950x3	DN250	13	40	390
D4014X	D40R	∅800x2050x4	DN250	14	40	420
D4016X	D40R	∅850x2100x4	DN300	16	40	480
D4019X	D40R	∅900x2150x4	DN300	19	40	570
D4021X	D40R	∅950x2150x4	DN350	21	40	630
D4023X	D40R	∅1000x2200x4	DN350	23	40	690
D4027X	D40R	∅1100x2250x5	DN400	27	40	810
D4032X	D40R	∅1200x2300x5	DN400	32	40	960