

■ TECHNICAL PARAMETERS

Working pressure:	2-8 bar
Back washing pressure:	1.8- 8 bar
Working temperature:	<60°C
PH value:	4-13
The filtering module (A) number:	2-10
Power:	220/110V

■ FILTER MATERIALS

Water in pipe (B):	carbon steel / stainless steel /Plastic;
Water out pipe (C):	carbon steel / stainless steel /Plastic;
Drainage pipe(D):	carbon steel / stainless steel /Plastic;
Backwash valve (E):	steel / plastic
Filter module(A):	reinforced Polyamide(PA)
Controller (F):	full-automatic and international standard IP65.



* Please contact CDFS when need special materials.

■ DESIGN AND SELECTION OF MODELS

Water quality classification

A.: Good quality:	city tap water, well water from stable aquifer.
B.: General quality:	cooled circulating water, surface water treated by sedimentation, and drained water treated by effective deposition and completely biological treatment.
C.: Relatively poor quality:	groundwater from aquifer of poor quality, drained water treated by effective deposition but with poor biological treatment, and surface water with enormous microbes.
D. The worst quality:	well water with rich iron and manganese, surface water affected by flooding and without sedimentation, and drained water without precipitation and biological treatment.

Flow of single filtration unit:

Filtration unit	Precision (μm)	Back washing flow (m^3/h)	Filtration flow(m^3/h)			
			Good water quality	General water quality	Poor water quality	The worst quality
2 inch	20	8-11	7	6	4	3
	50		13	11	8	6
	100-130		24	20	18	12
	200-400		24	20	18	12
3 inch	20	20-27	9	7	5	3
	50		17	14	10	7
	100-130		32	29	23	14
	200-400		36	31	25	16
4 inch	20	40-55	18	14	10	6
	50		34	28	20	14
	100-130		64	59	47	28
	200-400		72	63	51	32