

SOFI FILTER



INNOVATION IN INDUSTRIAL
LIQUID FILTRATION

sofi
FILTRATION



SOFI FILTER

TREATS LARGE
STREAMS OF
LIQUID

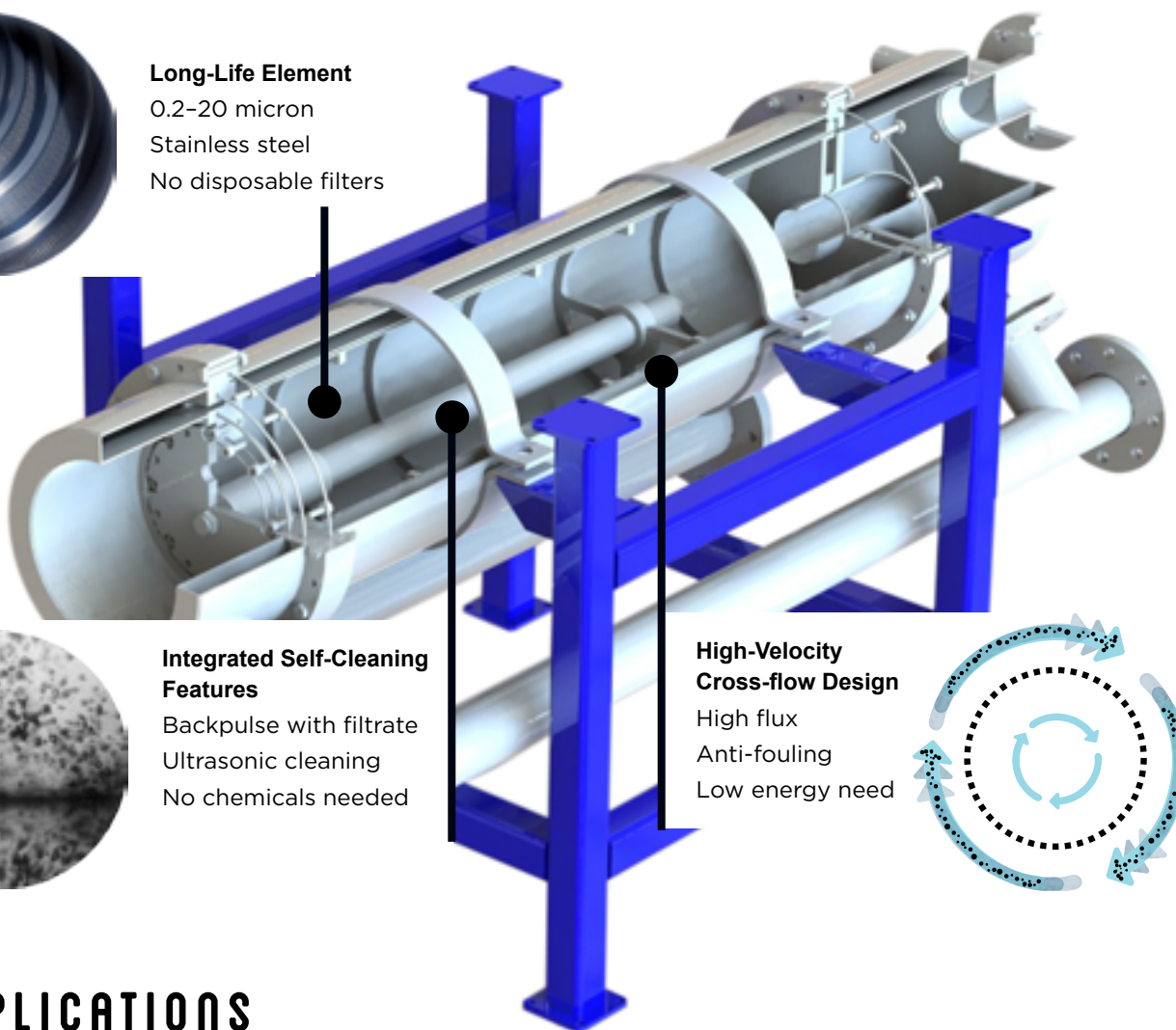
• PRODUCES
SOLIDS-FREE
FILTRATE

• SELF-CLEANS
AUTOMATICALLY

PATENTED SELF-CLEANING TECHNOLOGY

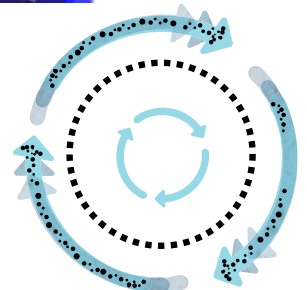


Long-Life Element
0.2-20 micron
Stainless steel
No disposable filters



Integrated Self-Cleaning Features
Backpulse with filtrate
Ultrasonic cleaning
No chemicals needed

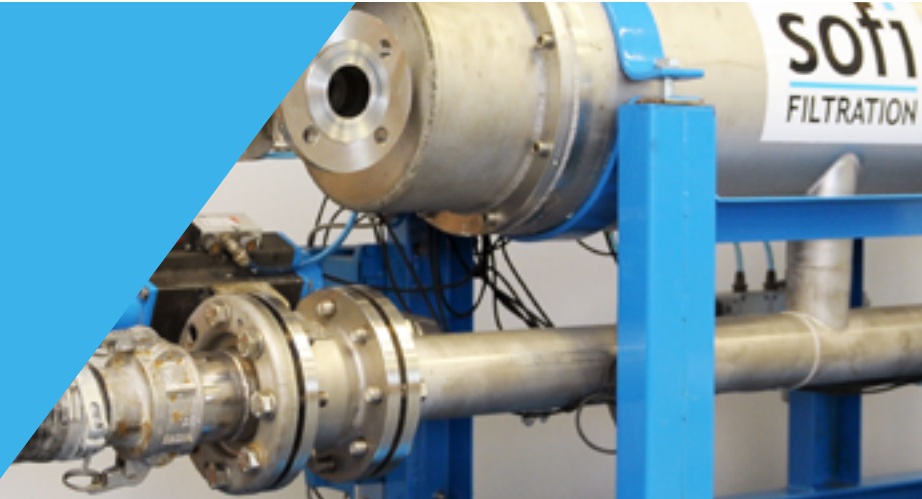
High-Velocity Cross-flow Design
High flux
Anti-fouling
Low energy need



APPLICATIONS

- PROVIDING SOLIDS-FREE WATER FOR REVERSE OSMOSIS
- TREATING FLUE GAS WASTE WATER
- COOLING WATER TREATMENT
- REPLACING EXISTING CARTRIDGE/BAG FILTERS
- TREATING WASTE WATER BEFORE DISCHARGE
- RECIRCULATING PROCESS WATER

SPECIFICATIONS



SOFI FILTER UNIT	SF200	SF1000	SF8000
CAPACITY m ³ /h	0.5 - 5	5 - 35	40 - 280
CAPACITY gpm	2.2 - 22	22 - 154	176 - 1233
SEPARATION SIZE um		0.2 - 20	
METHOD	Patented High Cross-Flow Filtration		
SELF-CLEANING FEATURES	Backpulse & Integrated Ultrasonic		
FEED PRESSURE	0.5 - 1.5 Bar (50-150 kPa)		
TEMPERATURE (max.)	85°C (185°F)		
pH RANGE	2 - 11		
WEIGHT (approx.)	40 kg/88 lbs	200 kg/440 lbs	1600 kg/3530 lbs
MEASURES cm (approx.)	50x50x100	100x200x100	200x400x200
MEASURES in (approx.)	19.7x19.7x39.4	39.4x78.7x39.4	78.7x157x78.7



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