



Make more pure water to the world

COMPANY PROFILE

Henan Kelandi Filter Technology Co., LTD. is a professional manufacturer of water filter, Company is committed to R&D, design, produce and sales of filter technology in the field of water treatment. And KLD own one hundred thousand stage clean production workshop and modernized test equipment. Products are widely use in power ,energy, petroleum, chemical, environmental protection and the other fields; The main products are High flow water filter equipment , High flow water filter element. KLD sewage treatment filter, pool filter, melt blown filter, wire wound filter.





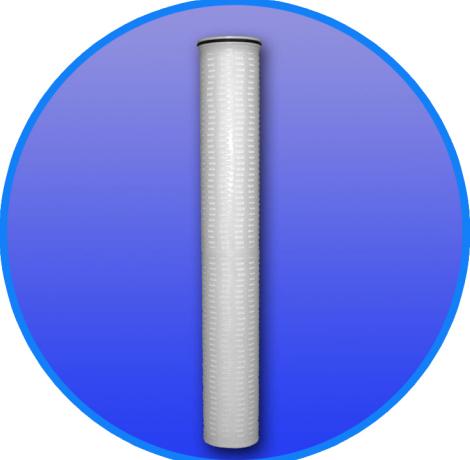
HENAN KELANDI FILTER TECHNOLOGY CO.,LTD.

河南科兰迪过滤科技有限公司

CLANDE™ P Series ,Replace PALL water filter element

Application

- RO cartridge filtration and seawater desalination pretreatment
- Filtration of condensed water in power plants.
- Filtration of bulk drug, solvent, and water in biopharmacy industry.
- Filtration of bottled water, liquid glucose, edible oil, juice, soft drink and milk.
- Painting, petrochemical industry
- Micro-electronics ,film, fiber, resin



HIGH FLOW



CLANDE™ P Series ,Replace PALL water filter element

Description

- Surface and deep inside filter together, One filter's flow can up to 70m³/h.
- From the inside to the outside direction to ensure that all the impurities are trapped inside the filter.
- Folding design, more filter area, low pressure than other ordinary filter.
- Large diameter design, more pollutants received, keep long service life. Low labor cost.



HIGH FLOW



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HENAN KELANDI FILTER TECHNOLOGY CO.,LTD.

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CLANDE™ P Series ,Replace PALL water filter element

Specification

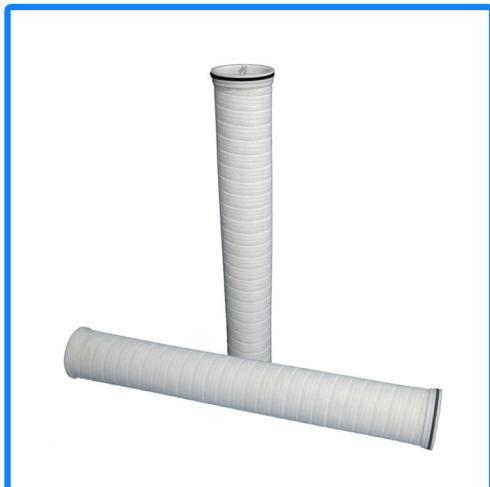
- Initial pressure drop: 0.2bar
- Pressure drop for replacement: 2.4bar
- Max pressure drop:3.5bar
- Max temperature: 80°C
- Distance of filtering: From inner to outer, core-free.
- Precision: 1μm,5μm,10μm,20μm,40μm,70μm,100μm.
- Filter material: Folding glass fiber, folding PP.
- Seal material: EPR, NBR, FKM, CR .
- Lenght:20inch(508mm),40inchi(1016mm)
60inch(1524mm)
- Outer Diameter:6inch(160mm)



HIGH FLOW



CLANDE™ P Series ,Replace PALL water filter element



New model PV Series



New model PM Series



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HENAN KELANDI FILTER TECHNOLOGY CO.,LTD.

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CLANDE™ M Series ,Replace 3M water filter element

Application

- RO cartridge pre-filtration
- Power plant condensate water filtration
- seawater desalination pretreatment
- Water filtration in the biopharma industry
- Water filtration for food and beverage industry



HIGH FLOW



CLANDE™ M Series ,Replace 3M water filter element

Description

This high flow water filter adopts the large diameter structure and the connecting part adopts the guide positioning which makes the installation and disassembly more convenient and quick. It has a supporting framework and strong anti-pressure capability, which is suitable for all kinds of standard large flow filters.



HIGH FLOW



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CLANDE™ M Series ,Replace 3M water filter element

Specification

- Length: 40'(1016mm 1035mm)
- Fold way: The vertical or The horizontal
- Material of seal: A-silicon B- fluororubber fpr D-witriile
- Material : 100% PP
- Precision: 5μm,10μm,40μm,70μm,100μm.
- Flow rate: 40': 5μm-28~35m³/H; 10~20μm-35~55m³/H
40~70μm-50~65m³/H; 70~100μm-60~78m³/H
- The initial pressure drop:0.25bar
- Replace the pressure drop:2.4Bar/71°C
- Max pressure drop:3.5Bar/20°C
- Max temperature:80°C



HIGH FLOW



CLANDE™ M Series ,Replace 3M water filter element



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CLANDE™ B Series ,Replace Pentair water filter element

Application

- RO cartridge pre-filtration
- Boiler feed water of thermal power plant
- Seawater desalination pretreatment
- Advanced treatment of steel plant wastewater
- Deep treatment of waste water in paper mill
- Deep treatment of printing and dyeing wastewater
- Recycled water
- Other sites with high filtering flow



HIGH FLOW



CLANDE™ B Series ,Replace Pentair water filter element

Description

- The filter layer is made of internal and external support with pleated filter membrane, which can achieve over 99% of the ultra-high filtration efficiency and extend the service life of the filter core.
- The end cover adopts the axial seal form to better ensure the product is perpendicular to the link part, making the filter core installation fast and easy to replace.
- Unique reinforced internal support framework design enables the filter core to withstand higher pressure difference. Folding design to increase the filter area.
- Large diameter design, more pollutants received, keep long service life. Low labor cost.



HIGH FLOW



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CLANDE™ B Series ,Replace Pentair water filter element

Specification

- The initial pressure drop:0.25bar
- Replace the pressure drop:2.4Bar/71°C
- Max pressure drop:3.5Bar/20°C
- Max temperature:120°C
- Design Flow :50~70m³/h



HIGH FLOW



CLANDE™ B Series ,Replace Pentair water filter element



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CLANDE™ K Series, Replace PARKER filter cartridge

Application

- RO cartridge pre-filtration
- Boiler feed water of thermal power plant, Condensate Polishing seawater desalination pretreatment
- Advanced treatment of steel plant wastewater
- Deep treatment of waste water in paper mill
- Deep treatment of printing and dyeing wastewater
- Recycled water
- Other sites with high filtering flow



HIGH FLOW



CLANDE™ K Series, Replace PARKER filter cartridge

Advantages

- Large filtration area and smart pleated structure.
- Low pressure drop
- 100% polypropylene media for almost all chemical compatibility
- High flow rate for single cartridge.
- Friendly handle design for easier change out
- Less labor needed and lower operation & maintenance cost



HIGH FLOW



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CLANDE™ K Series, Replace PARKER filter cartridge

Description

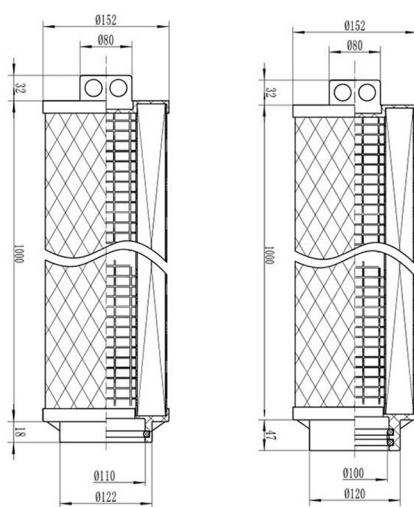
K Series High Flow Water Filter Made by pleated HEPA. It extended the service life of the filter element, The end cover adopts the axial seal form to better ensure the product is perpendicular to the link part, making the filter core installation fast and easy to replace. Unique reinforced internal support framework design enables the filter core to withstand higher pressure difference. This series of filter is mainly used in RO pre-filtration and other occasions.



HIGH FLOW



CLANDE™ K Series, Replace PARKER filter cartridge



Specification

- I.D : Long 100mm(double o-ring) Short:110mm(single o-ring)
- Max pressure drop:4.0Bar
- Max temperature: 80°C
- Precision: 1μm,5μm,10μm,20μm,40μm,70μm,100μm.
- Filter material: Glass fiber, folding PP.
- Seal material: EPR, NBR, FKM, CR .
- Flow rate : 40inch: 30~40 M³/H 60inch: 50~70 M³/H



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CLANDE™ Melt Blown Water Filter Element

Description

Melt blown cartridge is made by superfine fiber material during heating and spray. Without any chemical adhesive.

The precision from 1 μm to 60 μm . It can remove all of suspended solids and micro particles, Full PP design, High chemical compatibility, can be used in strong acid, strong alkali and organic solvent filtration.



CLANDE™ Melt Blown Water Filter Element

Specification

Removal Rating	1 μm	5 μm	10 μm	20 μm	30 μm	50 μm	70 μm	100 μm
Filter Lengths ¹	12.7cm (5in), 25.4cm (10in), 50.8cm (20in), 76.2cm (30in), 102cm (40in), 153.4cm (60in)							
Filter Diameter ¹	O.D.:63.5mm	I.D.:29.5						
Adaptor	DOE, 222flat, 226fin, 222fin, 226flat.	215						
O-ring material	Silicon	EPDM	Viton	Nitrile				
Surface Style	Glossy	Grooved	Orange peel	Big fat				



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CLANDE™ Melt Blown Water Filter Element

Surfaces Style



No:1



No:2



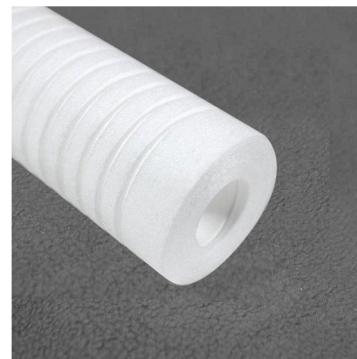
No:3



No:4



No:5



No:6

Connector



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CLANDE™ String Wound Water Filter Element

Feature

- The perfect type of filtering way, big quantity accept dirt, High efficient remove the impurities of the water.
- Can be use for any kind of liquid material(Acid, alkali, salt etc.) with different material fiber.
- Can be use in high temperature environment.
- High filtrating precision, big flow, small differential pressure , high compression strength , big quantity accept dirt . non-toxic, tasteless , non secondary pollution.



CLANDE™ String Wound Water Filter Element

Specification

Filter Grades	1μm	5μm	10μm	20μm	30μm	50μm	70μm	100μm
Filter Lengths	12.7cm (5in), 25.4cm (10in), 50.8cm (20in), 76.2cm (30in), 102cm (40in), 153.4cm (60in)							
Filter Diameter	63mm							
Center Core	Polypropylene (PP), 304/316 Stainless steel							
Max Temperature	Cotton	PP						
with metal core	149°C (300°F)	93°C (200°F)						
with PP core	60°C (140°F)	60°C (140°F)						



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CLANDE™ H Series Water Filter Cartridge

Description

- High flow capability
- Lower overall operating cost
- Reduced waste disposal
- Longer filter runs for fewer change-outs
- Increased contaminant removal
- Operator friendly



CLANDE™ H Series Water Filter Cartridge

Features



- Fewer cartridges for fewer change-outs and lower maintenance cost
- Pleated media provides higher flow rates and lower initial pressure drop
- Pleated surface area provides higher loading capacity for longer filter life and increased particle removal
- End cap, center tube and media are thermally bonded as one integral component.
- Offered size of 40, 90 and 170 and rating 0.35, 1, 5, 10, 20, 50, 100 and 150 .



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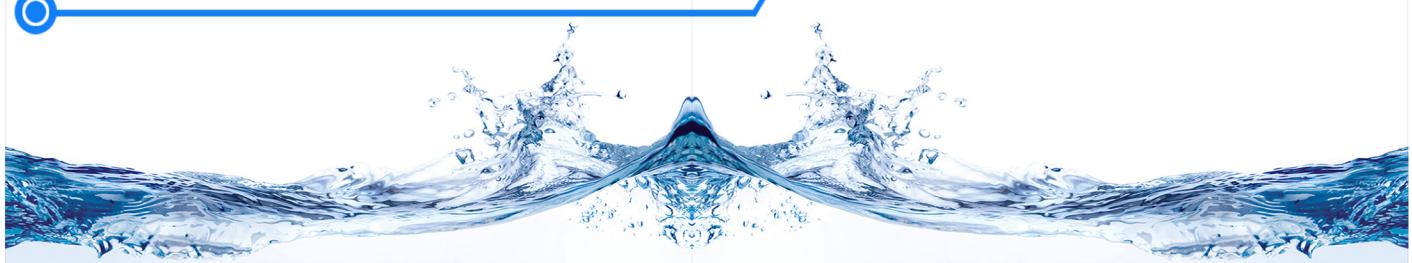
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CLANDE™ H Series Water Filter Cartridge

Applications

- Reverse Osmosis Pre-filtration
- Municipal Drinking Water Filtration
- Commercial/Residential Drinking Water Filtration
- Desalination Pre-filtration
- Industrial Water Filtration
- Cooling Tower Filtration
- Chill Water Loop Filtration
- Food & Beverage Filtration
- Marine/Aquatic Filtration
- Industrial Coolant Filtration



CLANDE™ H Series Water Filter Cartridge

Specifications

- O.D:7-3/4 inch(197mm)
- Length: 9-5/8inch(245mm), 19-1/2inch,(459mm)
30-3/4inch (781mm) are available.
- Temperature : 140°F (60°C) max.
- Rim gaskets :EPDM (Buna-N, Viton available)
- Pressure - 150 psi (10 bar) max.

Product	Micron Rating	Media (sq ft)	Max Flow Rate (GPM)	Max Flow Rate (M ³ /HR)
HS40-0.35	0.35	40	35	12
HS40-1	1	40	35	12
HS40-5	5	40	35	12
HS40-10	10	40	35	12
HS40-20	20	40	35	12
HS40-50	50	40	35	12
HS40-100	100	40	35	12
HS40-150	150	40	35	12
HS90-0.35	0.35	90	70	24
HS90-1	1	90	70	24
HS90-5	5	90	70	24
HS90-10	10	90	70	24
HS90-20	20	90	70	24
HS90-50	50	90	70	24
HS90-100	100	90	70	24
HS90-150	150	90	70	24
HS170-0.35	0.35	170	105	36
HS170-1	1	170	105	36
HS170-5	5	170	105	36
HS170-10	10	170	105	36
HS170-20	20	170	105	36
HS170-50	50	170	105	36
HS170-100	100	170	105	36
HS170-150	150	170	105	36



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CLANDE™ Ultrafilter JAS Series Filter Housing

Description

JAS series ultrafilter applies to liquid filtration, being used in pharmaceutical industry, chemical industry, food and beverage industry water treatment, brewing industry, petroleum industry, printing and dyeing industry, and environmental protection, etc.



Operating pressure: Max.10 bar

Operating temperature: 5°C~60°C

Filter housing material: SUS304, SUS316L

Working substance: mineral oil, emulsion, edible oil, water, etc.

ORDERING INFORMATION

Sample Number: **JAS 3 C 250 - 10 B7**
Tab1 Tab2 Tab3 Tab4 Tab5 Tab6

Tab1

Code	Form of Filter
JAS	Small flow rate filter
JASL	Large flow rate filter

Tab3

Code	Sort of the element
C	Pleated filter cartridge
P	Melt blown Filter cartridge

Tab4

Code	Length
250	250mm
500	500mm
750	750mm
1000	1000mm

Tab2

Code	Quantity of the Element
1	1
3	3
5	5
7	7
10	10
15	15
20	20
25	25
30	30
40	40
50	50
65	65
80	80
100	100

Tab5

Code	Filtration rating in μ m and β ratio
1	$1\mu\text{m}\beta_1 (C) \geq 200$
5	$5\mu\text{m}\beta_5 (C) \geq 200$
10	$10\mu\text{m}\beta_{10} (C) \geq 200$
20	$20\mu\text{m}\beta_{20} (C) \geq 200$
40	$40\mu\text{m}\beta_{40} (C) \geq 200$

Tab6

Code	Pote Size	Code	Pote Size
D5	DN50	B5	G1
D6	DN65	B7	G1/G2
D7	DN80	B8	G2
D8	DN100	B9	G2-1/2
D9	DN150	B10	G3
D10	DN200		



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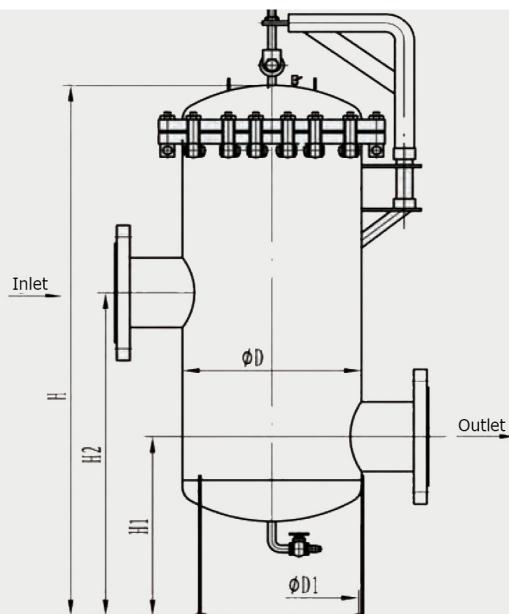
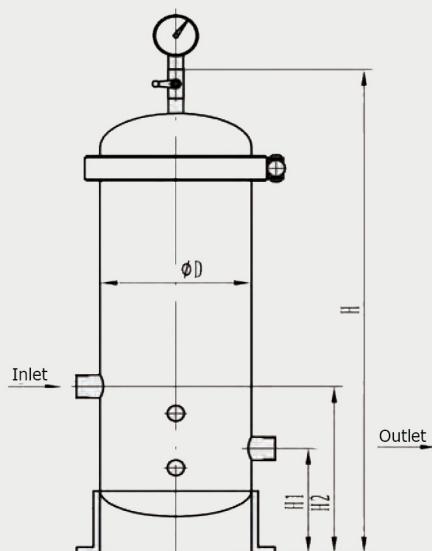
CLANDE™ Ultrafilter JAS Series Filter Housing

RECOMMENDED FLOW RATE

UNIT:L/min, SUBSTANCE:WATER CLEAN PRESSUER DROP:7KPa

Length	Filtration rating in μm	Quantity of the element					
		1	3	7	19	38	63
250	20	38	118	266	722	1444	2394
500	20	76	228	532	1444	2888	4788
750	20	114	342	798	2166	4332	7182
1000	20	152	456	1064	2888	5776	9576

DIMENSIONS



Filter Type	ϕD DIAMETER	H2 Inlet Height	H1 Outlet Height	H Total Height				Theoretical Flow m^3/h
				L250	L500	L750	L1000	
JAS-1	108	90	45	380	650			0.5~1
JAS-3	160	120	45	500	700			1.5~3
JAS-5	200	120	45	500	740	1010	1290	2.5~10
JAS-7	230	160	60	500	760	1030	1310	7~14
JASL-10	300	180	60			1050	1500	15~20
JASL-15	350	250	120			1050	1500	22~30
JASL-20	400	250	120			1100	1550	30~40
JASL-25	450	1050	350			1630	2030	37~50
JASL-30	500	1200	350			1800	2150	45~60
JASL-40	600	1200	400			1900	2150	60~80
JASL-50	700	1200	400			1950	2200	75~100
JASL-65	800	1350	400			2000	2250	97~130
JASL-80	900	1350	450				2350	160
JASL-100	1000	1350	500				2450	200



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CLANDE™ Basket Filter SN Series

SN series basket filter is used mainly as coarse filter or pre-filter for removing dirt, pipe scale, and other contaminants from process liquids such as water, chemical and petroleum products. The filter can be easily installed and cleaned, and this therefore reduces operating costs. Filter housing is available in carbon steel with an interal epoxy coating and in stainless steel.



Operating pressure: Max 40 bar

Operating temperature: -30°C ~ 220°C

Housing material: CS, SUS304, SUS316L

Working substance: mineral oil, emulsion, edible oil, water, etc.

ORDERING INFORMATION

Filter Assembly

	SNA	SO	MV	F	
Code					Nominal diameter
40					40
50					50
65					65
80					80
100					100
150					150
200					200
250					250
300					300
350					350
400					400
450					450
500					500
Code					Housing material
F					Stainless steel
C					Carbon steel
Code					Filtration rating in µm
MV					25 µm
ME					40 µm
MS					60 µm
MZ					80 µm
MCD					100 µm
MCN					150 µm
MDD					200 µm
Code					Style of filter housing
SNA					Straight through flat-bottomed flange basket filter
SNB					Straight through semi-elliptical head flange basket filter
SNC					High-low pipe connection flat-bottomed flange basket filter
SND					High-low pipe connection semi-elliptical head flange basket filter

Replacement element number NAX/NBX/NCX/NDX

200 MV



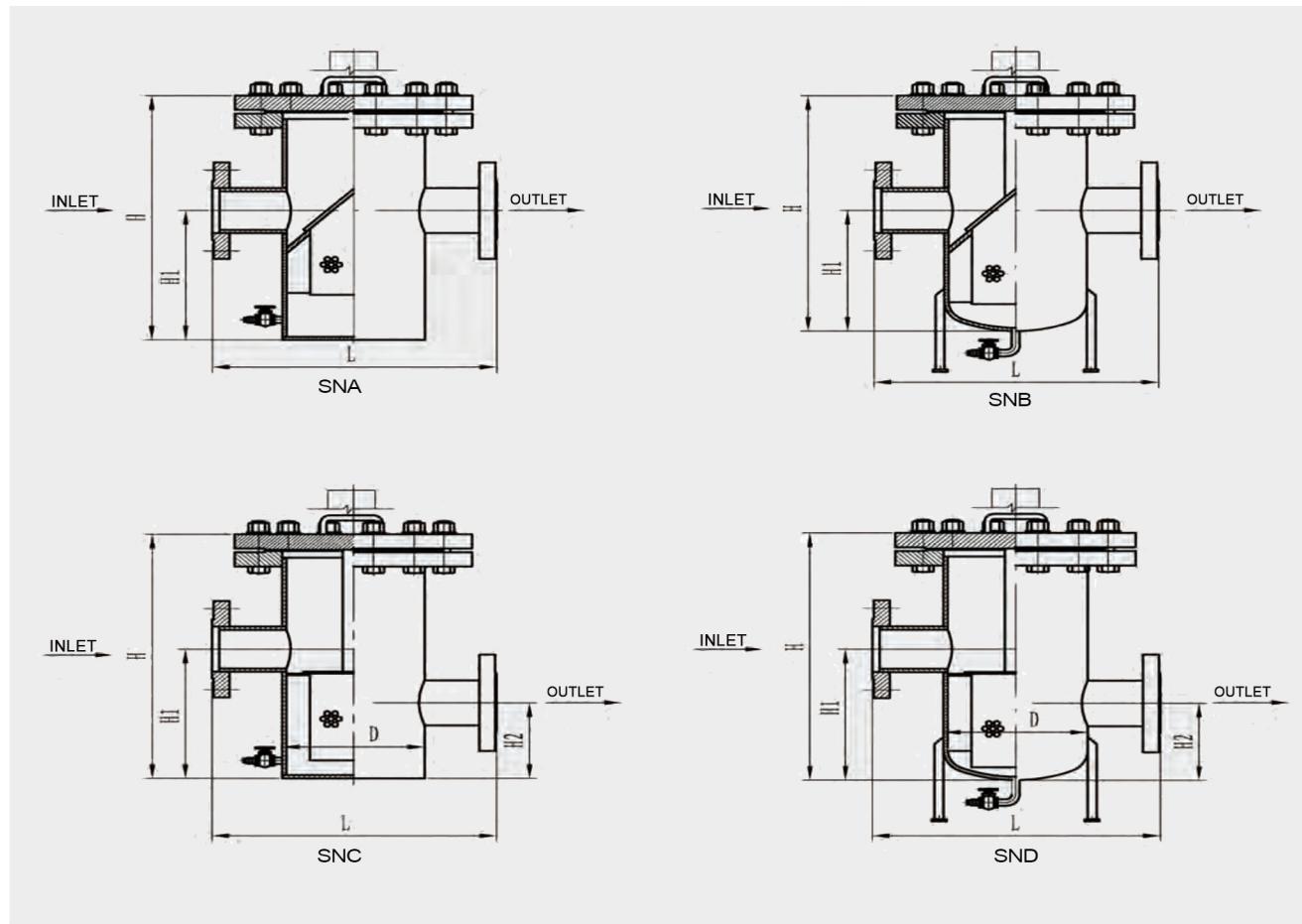
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CLANDE™ Basket Filter SN Series



Nominal diameter	H	H1				H2		L	D	Water drain	Effective filtering area (m²)
		SNA	SNB	SNC	SND	SNC	SND				
40	300	180		220		120		260	108	R1/2"	0.005718
50	300	180		220		120		260	133	R1/2"	0.005718
65	360	220		270		160		330	133	R1/2"	0.009613
80	400	260		320		180		340	159	R1/2"	0.01539
100	470	310		390		220		400	219	R3/4"	0.02464
150	620	430		530		310		500	273	R3/4"	0.04866
200	780	530	540	670	670	390	230	560	325	R3/4"	0.07858
250	930	640	650	800	800	480	270	660	426	R3/4"	0.12005
300	1200	840	860	1040	1040	640	320	750	478	R3/4"	0.16337
350	1380		1010		1220		370		500	R1"	0.2225
400	1550		1150		1300		400		550	R1"	0.2916
450	1750		1310		1580		440		600	R1"	0.3642
500	1910		1440		1740		470		700	R1"	0.4587



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CLANDE™ Manual Cleaning Filter SYL Series

DESCRIPTION

SYL series manual cleaning filter is widely used in the power industry, chemical industry, printing and dyeing, paper and other industries for water pipes. It has a large filtration area and can easily cleaned, on which the handle is rotated 3-4 rings while the drain valve being opened.

Operating pressure: 1.0~4.0MPa. Operating temperature: 5~80°C

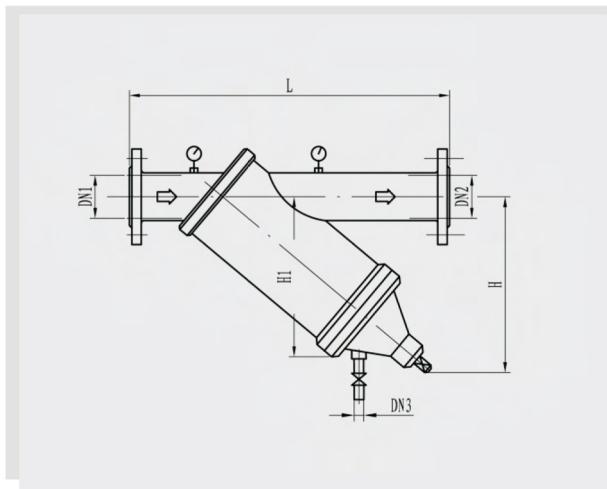
Sealing ring: synthetic rubber, PTFE Cleaning brush: stainless steel, nylon, PVC



ORDER INFORMATION

Filter Assembly		SYL	100	F01	1	F			
Code	Form of filter	Code	DN	Code	Filtration rating (mm)	Code	Operating pressure (MPa)		
SYL	Manual cleaning filter	50	50	F01	0.1	1	1. 0		
		65	65	F02	0.2	2	1. 6		
		80	80	F04	0.4	3	2. 5		
		100	100	F06	0.6	4	4. 0		
		125	125	F08	0.8				
		150	150	F10	1. 0				
		200	200						
		250	250						
		300	300						
		350	350						
Replacement Element		SLX/YX	100	F01					

DIMENSIONS



DN1/DN2 Nominal size	L	SYL type			Y type
		H	DN3	H1	H1
50	375	210	1/2"	150	150
65	375	290	1/2"	210	210
80	400	330	3/4"	240	240
100	420	380	3/4"	290	290
125	480	430	1"	310	310
150	540	480	1"	360	360
200	650	590	1 1/2"	450	450
250	750	710	1 1/2"	550	550
300	840	820	2"	620	620
350	940	930	2"	700	700



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