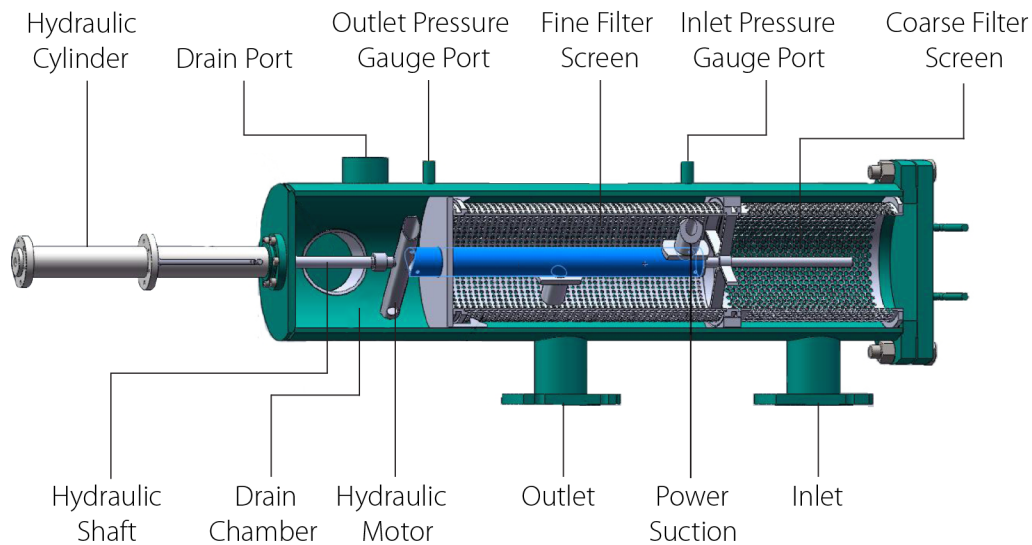


RSSY SERIES

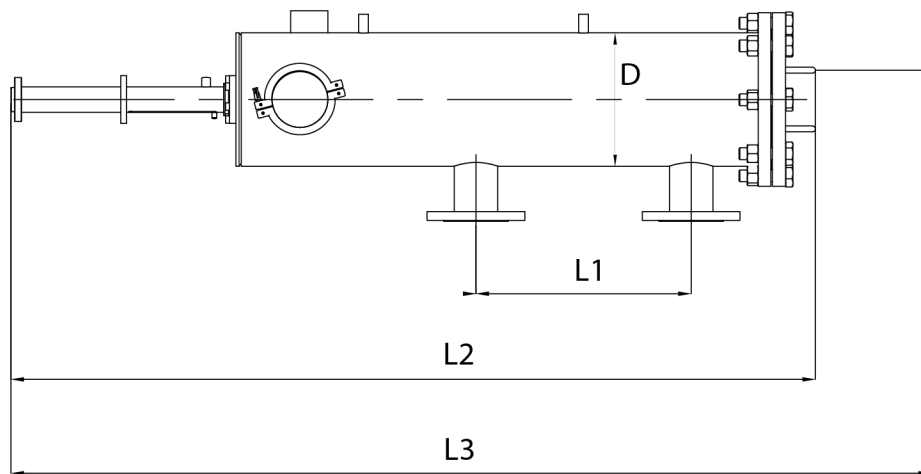


MODEL	IN/OUTLET (INCH)	FLOW RATE M3/HR	MINIMUM PRESSURE (Mpa)	MAXIMUM PRESSURE (Mpa)
RSSY-1	DN25	4	0.2	1.0
RSSY-2	DN32	10	0.2	1.0
RSSY-3	DN50	16	0.2	1.0
RSSY-4	DN80	45	0.2	1.0
RSSY-5	DN100	65	0.2	1.0
RSSY-6	DN125	105	0.2	1.0
RSSY-7	DN150	150	0.2	1.0
RSSY-8	DN200	260	0.2	1.0
RSSY-9	DN250	410	0.2	1.0
RSSY-10	DN300	590	0.2	1.0
RSSY-11	DN350	800	0.2	1.0
RSSY-12	DN400	1050	0.2	1.0
RSSY-13	DN450	1320	0.2	1.0
RSSY-14	DN500	1630	0.2	1.0
RSSY-15	DN600	2350	0.2	1.0

Series	Model	In/Outlet	Connection Type	Housing Material	Strainer Material
RSSY	1 to 15	4 = 4" 8 = 8"	AF = ANSI Flange JF = JIS Flange DF = DIN Flange BF = BS Flange	304 = SUS 304 316L = SUS 316L CS = Carbon steel 2205 = SUS 2205	304 = SUS 304 316L = SUS 316L 2205 = SUS 2205

RSSY SERIES

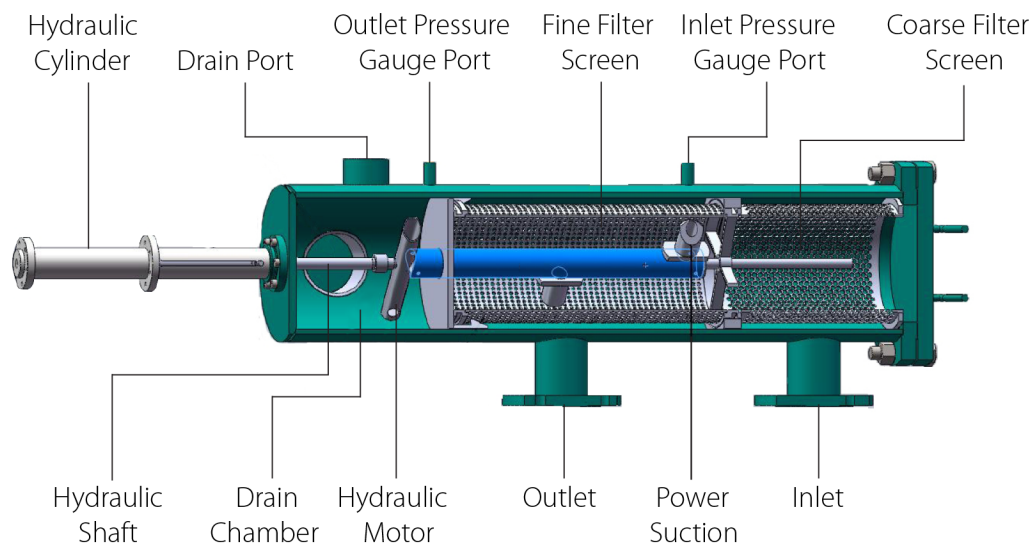
Driven	: Manual
Filtration	: Double Strainer
Cleaning	: Power Suction Head
Control	: Manual
Filtration Rating	: 10 ~ 300 micron
Washing Time	: 10 ~ 60 seconds
Pressure Lost	: Less than 0.018MPa
Max. Temperature	: 95°C
Max. Pressure	: 1.0 MPa
Housing Material	: Carbon steel with inner epoxy coating, SS 304, SS 316L, SS 2205
Filter Screen Material	: SS 304, SS 316L, SS 2205
Seal Material	: Graphite



Note : L4 is the length require when take out the filter screen

MODEL	IN/OUTLET	L1 (mm)	L2 (mm)	L3 (mm)	D (mm)	Weight (kg)
RSSY-1	DN25	450	1590	2010	273	117
RSSY-2	DN32	450	1590	2010	273	117
RSSY-3	DN50	450	1590	2010	273	117
RSSY-4	DN80	450	1590	2010	273	117
RSSY-5	DN100	450	1590	2010	325	120
RSSY-6	DN125	900	2050	2870	377	221
RSSY-7	DN150	900	2050	2870	426	225
RSSY-8	DN200	900	2190	3010	480	245
RSSY-9	DN250	1100	2430	3200	480	411
RSSY-10	DN300	1100	3120	4290	630	512
RSSY-11	DN350	1270	3120	4290	720	632

RSSY SERIES



Filtration Process

Water flows in from inlet, fully fill in the internal of the filter screen and drain chamber while the drain valve is closed. Water starts going through the coarse filter screen from external to internal, then going through again the fine filter screen from internal to external. Filtered water flows out from outlet. During the Filtration Process, the inlet pressure become higher and higher while outlet pressure become lower and lower. When differential pressure between inlet and outlet has built up between 1.5 to 2 bar, the Manual Cleaning Process can be started.

Cleaning Process

When the drain valve opens, foreign particles inside the filter screen and drain chamber will be flushed out through the drain valve. When water drain out from drain port, the inner chamber become lower pressure, water will flow through power suction to hydraulic motor. Hydraulic motor starts to make the hydraulic shaft turning and move horizontally, the power suction start to turn into the filter screen, sucking the foreign particles in the internal part of the fine filter screen. During the cleaning process, the foreign particles sticking on the internal part of the fine filter screen will be flushed out through the drain valve.

Filtration Process Again

After 60 seconds of the cleaning process, the drain valve can be close and the filtration will resume its operation.