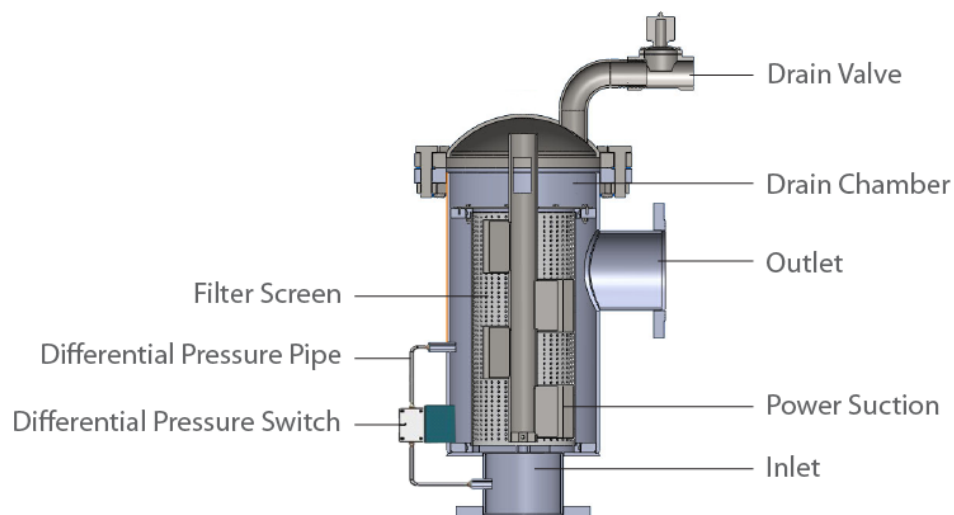




RXVY SERIES AUTOMATIC CLEANING FILTRATION SYSTEM



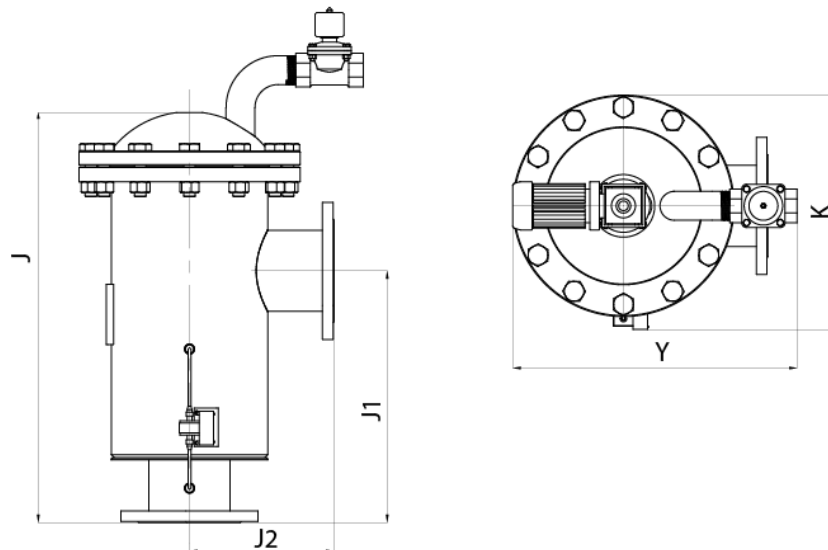
MODEL	IN/OUTLET	FLOW RATE M3/HR	MINIMUM PRESSURE (Mpa)	MAXIMUM PRESSURE (Mpa)
RXVY-1	DN25	4	0.1	1.0
RXVY-2	DN40	10	0.1	1.0
RXVY-3	DN50	16	0.1	1.0
RXVY-4	DN80	45	0.1	1.0
RXVY-5	DN100	65	0.1	1.0
RXVY-6	DN125	100	0.1	1.0
RXVY-7	DN150	150	0.1	1.0

RXVY	-	6	-	5	-	AF	-	304	-	304
Series	Model	In/Outlet	Connection Type		Housing Material		Strainer Material			
RXVY	1 to 7	5 = 5"	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			



RXVY SERIES AUTOMATIC CLEANING FILTRATION SYSTEM

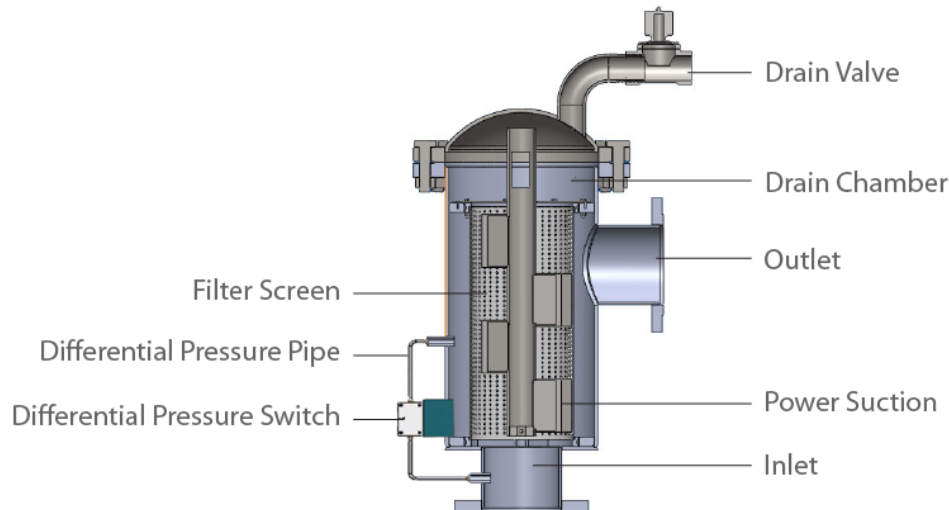
Driven	: PCB Control
Filtration	: Single layer strainer
Cleaning	: Power Suction Head
Control	: Differential pressure & timer
Filtration Rating	: 10 ~ 3000 micron
Cleaning Time	: 10 ~ 60 seconds
Pressure Lost	: Less than 0.018MPa
Max. Temperature	: 95 degree C
Max. Pressure	: 1.0 MPa
Housing Material	: Carbon steel with inner epoxy coating, SS 304, SS 316L, SS 2205
Filter Screen Material	: SS 304, SS 316L, SS 2205
Seal Material	: Viton



MODEL	IN/OUTLET	J (mm)	J1 (mm)	J2 (mm)	Y (mm)	K (mm)	Weight (kg)
RXVY-1	DN25	760	300	235	450	400	48
RXVY-2	DN40	760	300	235	450	400	52
RXVY-3	DN50	760	300	235	450	400	55
RXVY-4	DN80	760	300	235	450	400	73
RXVY-5	DN100	1070	530	300	590	520	106
RXVY-6	DN125	1070	530	300	590	520	137
RXVY-7	DN150	1070	530	300	590	520	154



RXVY SERIES AUTOMATIC CLEANING FILTRATION SYSTEM



Filtration Process

Water flows in from the inlet, fully fill in the internal of the filter screen and drain chamber while the drain valve is closed. Water starts going through the filter screen from internal to external. Filtered water will flow out from the outlet. During the Filtration Process, inlet pressure (bottom) become higher and higher while outlet pressure (top) become lower and lower. When differential pressure between inlet and outlet has built up to 2 bar or the timer has achieved the setting time, the Cleaning Process will 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. The liquid flow will crease a suction force at the power suction nozzles which will suck 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 30 to 60 seconds of the cleaning process, the drain valve will close and the filtration process will resume its operation.