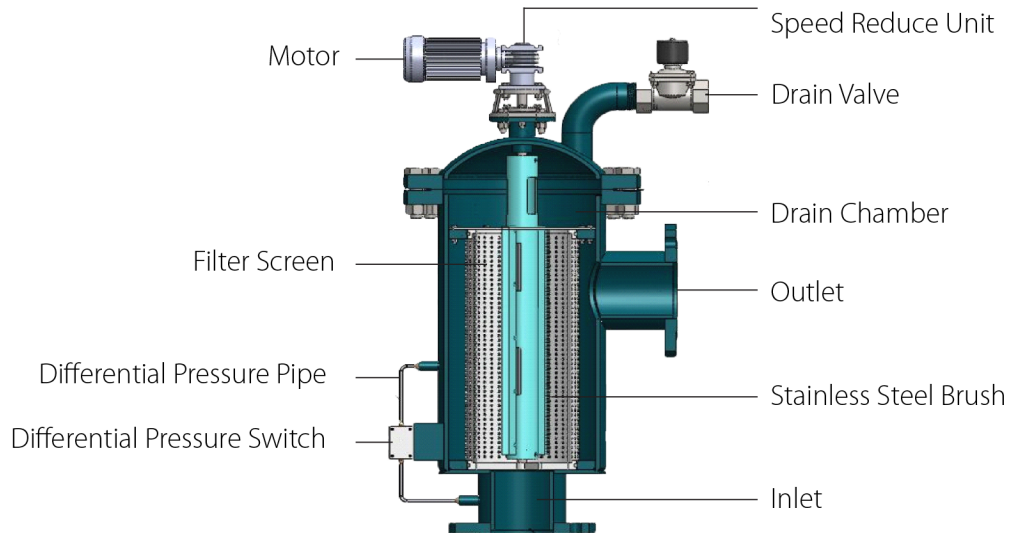


RZLY SERIES



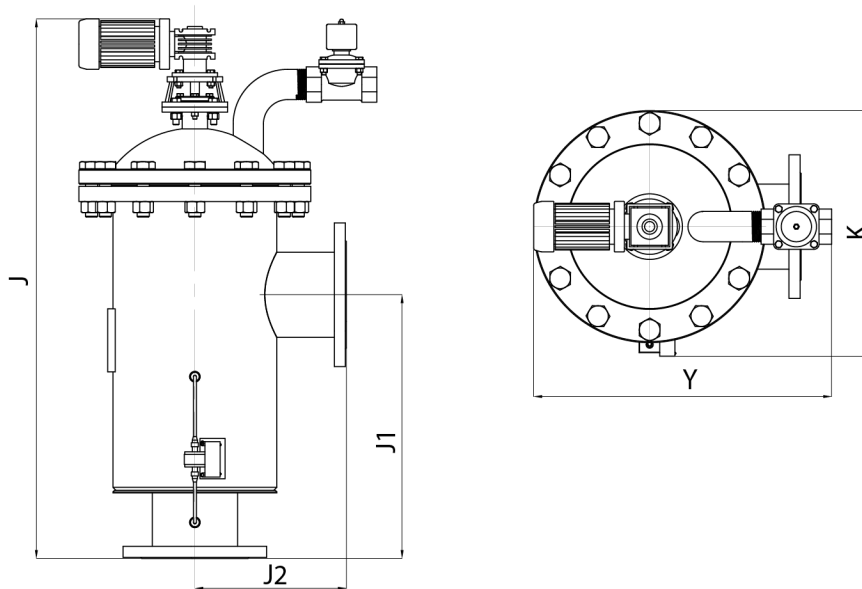
| MODEL | IN/OUTLET | FLOW RATE M3/HR | POWER (W) | MINIMUM PRESSURE (Mpa) | MAXIMUM PRESSURE (Mpa) |
|---------|-----------|--------------------|--------------|---------------------------|---------------------------|
| RZLY-1 | DN25 | 4 | 90 | 0.1 | 1.0 |
| RZLY-2 | DN40 | 10 | 90 | 0.1 | 1.0 |
| RZLY-3 | DN50 | 16 | 180 | 0.1 | 1.0 |
| RZLY-4 | DN80 | 45 | 180 | 0.1 | 1.0 |
| RZLY-5 | DN100 | 65 | 250 | 0.1 | 1.0 |
| RZLY-6 | DN125 | 100 | 250 | 0.1 | 1.0 |
| RZLY-7 | DN150 | 150 | 250 | 0.1 | 1.0 |
| RZLY-8 | DN200 | 230 | 250 | 0.1 | 1.0 |
| RZLY-9 | DN250 | 410 | 550 | 0.1 | 1.0 |
| RZLY-10 | DN300 | 590 | 550 | 0.1 | 1.0 |
| RZLY-11 | DN350 | 800 | 550 | 0.1 | 1.0 |
| RZLY-12 | DN400 | 1050 | 750 | 0.1 | 1.0 |
| RZLY-13 | DN450 | 1320 | 750 | 0.1 | 1.0 |
| RZLY-14 | DN500 | 1600 | 1100 | 0.1 | 1.0 |
| RZLY-15 | DN600 | 2350 | 1100 | 0.1 | 1.0 |

RZLY - 6 - 6 - AF - 304 - 304 - 300

| Series | Model | In/Outlet | Connection Type | Housing Material | Strainer Material | Micron Rating |
|--------|---------|----------------------|--|--|---|---------------|
| RZLY | 1 to 15 | 1.5 = 1.5" 2 = 2" | 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 | 10 to 3000 |

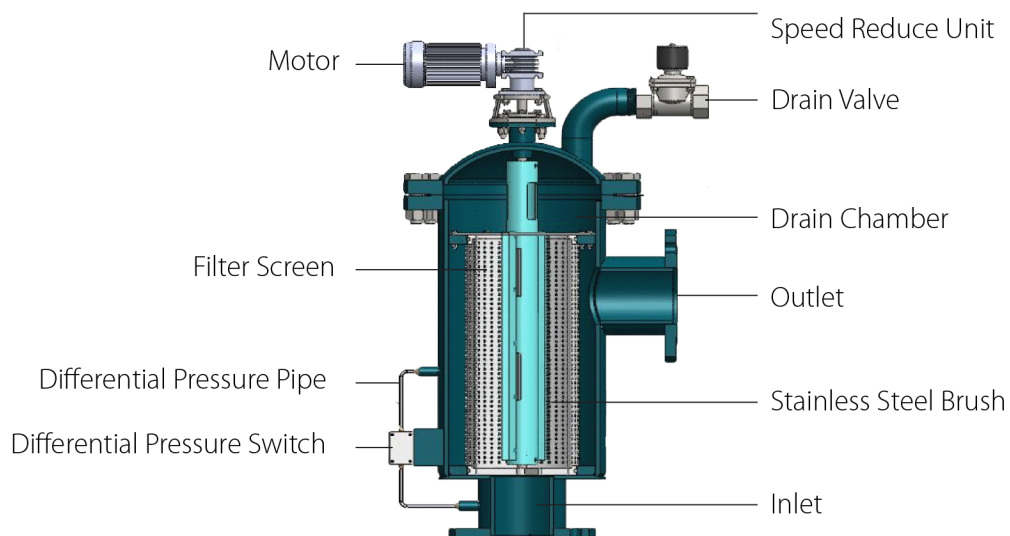
RZLY SERIES

| | |
|------------------------|---|
| Driven | : PCB Control |
| Filtration | : Single layer strainer |
| Washing | : SS Brush |
| Control | : Differential pressure & timer |
| Filtration Rating | : 20 ~ 3000 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 |



| MODEL | IN/OUTLET | J (mm) | J1 (mm) | J2 (mm) | Y (mm) | K (mm) | Weight (kg) |
|---------|-----------|-----------|------------|------------|-----------|-----------|----------------|
| RZLY-1 | DN25 | 760 | 300 | 235 | 450 | 400 | 48 |
| RZLY-2 | DN40 | 760 | 300 | 235 | 450 | 400 | 52 |
| RZLY-3 | DN50 | 760 | 300 | 235 | 450 | 400 | 55 |
| RZLY-4 | DN80 | 760 | 300 | 235 | 450 | 400 | 73 |
| RZLY-5 | DN100 | 1070 | 530 | 300 | 590 | 520 | 106 |
| RZLY-6 | DN125 | 1070 | 530 | 300 | 590 | 520 | 137 |
| RZLY-7 | DN150 | 1070 | 530 | 300 | 590 | 520 | 154 |
| RZLY-8 | DN200 | 1300 | 680 | 320 | 590 | 487 | 248 |
| RZLY-9 | DN250 | 1550 | 850 | 380 | 720 | 610 | 360 |
| RZLY-10 | DN300 | 1826 | 942 | 510 | 820 | 805 | 486 |
| RZLY-11 | DN350 | 2100 | 970 | 530 | 820 | 936 | 653 |
| RZLY-12 | DN400 | 2360 | 1239 | 580 | 1098 | 1111 | 765 |
| RZLY-13 | DN450 | 2632 | 1389 | 700 | 1199 | 1213 | 814 |
| RZLY-14 | DN500 | 2919 | 1547 | 730 | 1288 | 1250 | 920 |
| RZLY-15 | DN600 | 3510 | 1865 | 830 | 1458 | 1440 | 1038 |

RZLY SERIES



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. After few seconds, the motor starts kicking in through the speed reducer unit, the stainless steel brush will start to turn into the filter screen, brushing the internal part of the filter screen. During the cleaning process, inlet water is running continuously, particles sticking on the internal part of the screen will be flushed out through the drain valve.

Filtration Process Again

After 30 to 60 seconds of the cleaning process, the brushing motor will stop, the drain valve will close and the filtration process will resume its operation.