PMI-Technology Sdn Bhd
Company No. 568062-K

YOUR SOLUTION PARTNER FOR SOLID/LIQUID FILTRATION TECHNOLOGY

- Fully enclosed system with optimum dry or wet cake discharge
- Wide range of applications eg. process filter, thickening, heel filtration, polishing
- Direct filtration without filter aids

Reverse Pulse Type

RPP(D/W), RP(D) & RP(W) Filter

RPP (D/W) – Dry or Wet Cake Discharge Filter (Process)

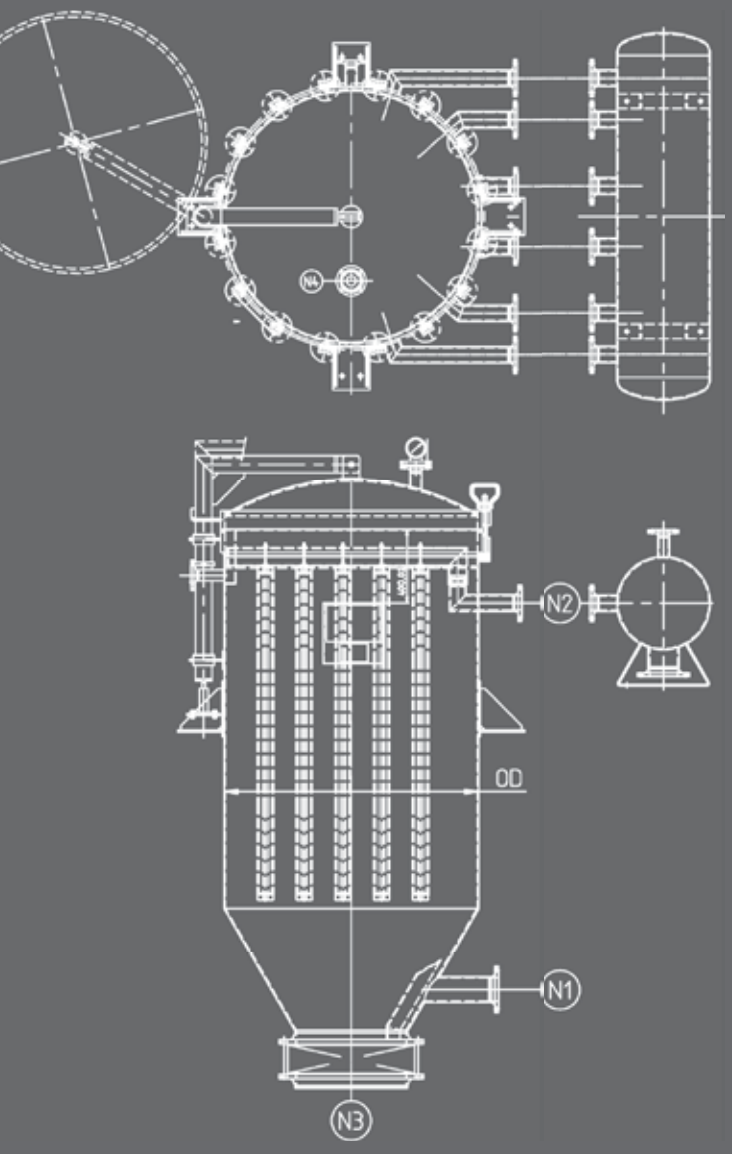
Type RPP(D/W)	Filter Area (m^2)	Tube Pitch (mm)	Cake Thickness (mm)	Filter Volume (litre)	Number Of Manifolds For 10mm/25mm cake	Pulse Buffertank Volume/Dry (litre)	Pulse Buffertank Volume/Wet (litre)	Number Of Tubes (L=1750mm)
780	12/8	120/150	10/25	1100	4/3	180/90	30/20	24/16
900	16/10	120/150	10/25	1500	4/3	200/120	40/15	32/20
1000	20/13	120/150	10/25	1900	5/3	220/150	40/30	40/26
1100	26/16	120/150	10/25	2300	5/4	200/175	45/30	53/33
1225	33/22	120/150	10/25	2900	6/4	250/200	50/45	68/44
1380	45.5/27.5	120/150	10/25	3800	7/4	300/250	60/45	92/56
1500	54/33.5	120/150	10/25	4600	7/5	300/250	65/50	110/68
1650	68/39	120/150	10/25	5700	7/6	350/300	70/60	138/79
1850	88/57	120/150	10/25	7400	9/7	400/325	80/65	178/115
2000	103/63.5	120/150	10/25	9000	9/7	450/350	90/70	208/128

Our Reverse Pulse filter is a vertical tank filter with specially-designed internal filtertubes for optimum dry or wet cake discharge without the need of using filter aids.

For smaller filters, these filtertubes are connected to a tubesheet, whereas for larger models, they are connected to a few outlet manifolds with clamps or threaded connections.

The cake discharge mechanism is by way of introducing a reverse pulse (liquid backwash) method, with pressurized air or inert gas. These filters are fully-enclosed constructions, free of moving parts and easily automated.

Tank Assembly Detail



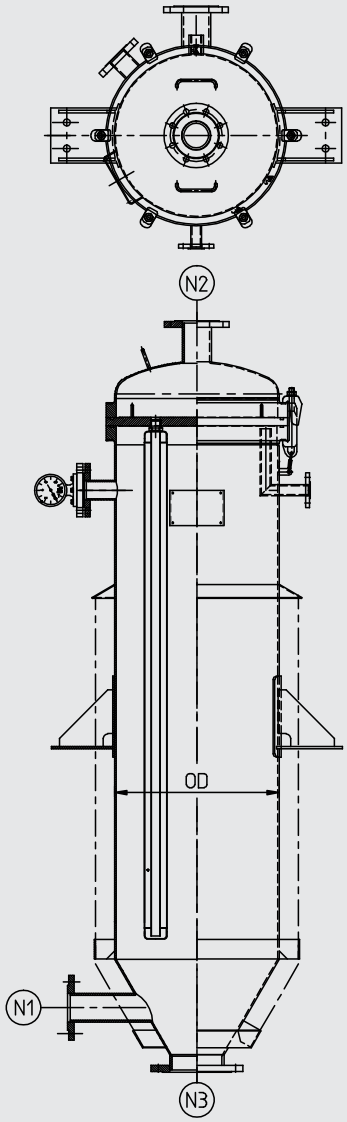
The outside of these filtertubes are fitted with seamless or welded filtersleeves, made from different materials like polyester, polypropylene, Nylon, PTFE, PVDF and others.

The choice of the correct filter media is important for the efficient operation of the filter. The correct selection will also enable a proper cake discharge and long-lasting use of the filtersleeves.

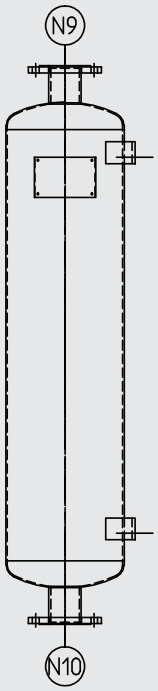
For dry cake discharge and to prevent settling of solids inside the filtertubes, each filtertube has an internal pipe open at the bottom, which forces the liquid to flow out from the bottom and up through the entire tube section.

RP (D) / RP (W) – Dry or Wet Cake Discharge Filter (Heel Filtration)

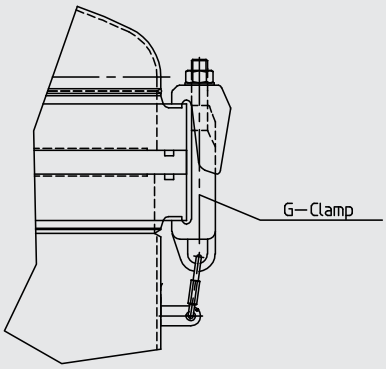
Type RP (D)/(W)	Filter Area (m²)	Number of Element	Filter Volume (litre)	Pulse Buffertank Volume (litre)	Weight (kg)
324/1750	2	4	165	60	300
406/1750	3	6	250	100	365
508/1750	5.4	11	425	160	515
610/1500	6.8	16	580	200	645
610/1750	7.8	16	650	250	670
711/1750	10.7	22	875	300	830



Buffer/Pulse Tank



G-Clamp Closure



RP (W) – Wet Cake Discharge Filter (Polishing)

Type RP(W)	Filter Area (m²)	Number of Element	Filter Volume (litre)	Pulse Buffertank Volume (litre)	Weight (kg)
273	2.4	7	120	10	200
324	2.4	7	150	20	292
406	4.5	13	250	30	378
508/1500	7.6	22	360	50	482
508/1750	8.6	22	560	100	580
610/1500	12.8	37	580	100	672
610/1750	15	35	670	110	672
711/1500	19	55	750	150	830
711/1750	22	55	875	165	830

"We are committed to global service support, providing comprehensive services to our clients all over the world. This includes year-round maintenance, prompt delivery of spare parts, site commissioning and installations."

One of our manufacturing plants in Ipoh, Malaysia

PMI offers a wide range of products, which include:

- Filter Presses, Pressure Leaf Filters, Reverse Pulse Filter, Cartridge Filters, Bag Filters, Nutsch Filters, Centri Filters, Tilting Filters, Level Leaf Filters, Agitators, Static Mixers.
- Pressure Vessels, Tanks and Silos, Columns, Towers, Dryers, Shell & Tube Heat Exchangers, Condensors, Heaters, Coolers, Reboilers, and General Steel & Stainless Steel Fabrication & Site Erection Works.

PMI-Technology Sdn Bhd
Company No. 568062-K

No. 17 & 19, Jalan Pengacara U1/48,
Temasya Industrial Park,
40150 Shah Alam,
Selangor Darul Ehsan, Malaysia.
Tel: +603 5569 3993/4240
Fax: +603 5569 3131
Email: info@pmi-group.com
www.pmi-group.com

Cert No. KLR6007966

Agent's Contact / Sales Person