

Post Pump Protection | Exhaust Filters, Separators, Silencers

Rotary Vane Pump Standard Exhaust Filter



- Filters oil mist from pump exhaust
- Easy replacement of element
- Reduces pump noise
- Filters to 0.3 micron particle size
- Screw-in type

Use With Pump Model	Diameter (in.)	Height (in.)	Filter w/ Case CAT. No.	Filter Element Only CAT No.
CRVpro 4, 6, 8	2.5	5	1417P-8	1417R
CRVpro 16, 24, 30	5	9	1417P-11	1417H-01
8890 ¹ , 8905, 1399, 1400, 1400N	2.5	2.5"	1417	1417L
1376, 1402, 1405, 1402N, 1376N	5.0	6.25"	1417P-10	1417G
1397, 1374	5.0	9.0"	1417P-20	1417H-01
8917A-80, 8917C-80	2.5	4.5"	1417P-7	1417R

Note: 1. GEM[®] (8890) includes 1417 as standard equipment.

Rotary Vane Pump Directional Exhaust Filter



- Large, high capacity
- 360° Swivel outlet with tubing connector
- Screw-in type
- Continuously separates oil mist from the vacuum pump exhaust and by gravity returns the oil to the pump

Use With Pump Model	DxH (in.)	Outlet Tube O.D. (in.)	Filter w/Case CAT. No.	Filter Element CAT. No.	Gasket Repl. CAT. No.
CRVpro 4, 6, 8	5 X 8.5	1	1417C	1417G	1417A-01
CRVpro 16, 24, 30	5 X 9	1	1417D	1417H	1417B-01
1376, 1380, 1402, 1405, 1402N, 1376N	5 x 7.5	1.0"	1417A	1417G	1417A-01
1374, 1397	6.5 x 10	2.0"	1417B	1417H	1417B-01

Rotary Vane Pump OME Oil Mist Filter



- Direct assembly via flange on exhaust side of the pump
- Transarent housing allows easy monitoring of filter condition
- Minimizes the output of oil mist

Use With Pump Model	DxH in.(mm)	Inlet/Outlet Flange	Filter w/Case CAT. No.	Filter Element CAT. No.
CRVpro 4/6/8	2.1 x 4.1(53x104)	DN 16 KF	700010	800160
CRVpro 16	2.1 x 4.1(53x104)	DN 25 KF	700011	800160

Rotary Vane Pump AKD Oil Mist Separator



- Direct assembly via flange on exhaust side of the pump
- Transarent catchpot allows easy monitoring of filter condition and easy draining of oil
- Separates nearly 100% of oil mist @ blank-off

Use With Pump Model	DxH in.(mm)	Inlet/Outlet Flange	Filter w/Case CAT. No.	Filter Element CAT. No.
CRVpro 4/6/8	4.4 x 6.7(112x170)	DN 16 KF	320015	800160
CRVpro 16	4.4 x 6.7(112x170)	DN 25 KF	320017	800160

Hermetically Sealed Oil Mist Eliminators



- Prevents corrosive vacuum pump exhaust gases from escaping into the room
- Coalesces oil mist from the pump exhaust and allows it to drain back into the pump
- Coalescing the oil mist prevents loss of oil and the frequent need to add expensive vacuum fluids
- Stainless steel construction with borosilicate microfiber element and fluoroelastomer gaskets
- Requires, but does not include pump adapter kit
- CAT No. 1416D exhaust port accepts 13/16 in. I.D. hose.

Use With Pump Model	DxH in.(mm)	Mist Eliminator CAT. No.	Pump Adapter Kit CAT. No.	Repl. Element CAT. No.
1400N	5x7.8(127x198)	1416D	1416E-01	1417Y-05
1402N, 1376N	5x7.8(127x198)	1416D	1416E-02	1417Y-05

Exhaust Oil Recycler



Exhaust Mist Eliminator shown installed on pump with oil return line.

Exhaust oil recyclers are recommended for vacuum systems with continuous pressure of 1 torr (1 mm Hg) or higher. At these pressures, conventional exhaust filters quickly saturate. The Mist Eliminator System continuously separates oil mist from the vacuum pump exhaust and actively returns the oil to the pump.

Vacuum Pump Model No.	CAT. No.
8890 (GEM)	1416B
8905	1416H
1400, 1400N	1416H-01
1376, 1376N, 1402, 1402N, 1405	1416C-01

Note: 1. CAUTION: Two stage vane vacuum pumps such as models 8905, 1400, 1402, 1376, 1405, 1400N, 1402N and 1376N should not be operated continuously at pressures above 10 torr.

MP Diaphragm Pump Exhaust



829901

- Exhaust silencers are installed in the exhaust port of the vacuum pump to reduce pump noise.

Use With Pump Model	DxH in.(mm)	Thread Size	CAT. No.
MP 060 E, MP 055 Z, MP 105 E	XXX	G-1/8 in.	400942
MP 101 Z, MP 101 V, MP 201 T	XXX	G-1/4 in.	829901
MP 301 E	XXX	G-1/4 in.	400941
MP 301 Z, MP 301 V	XXX	G-1/4 in.	400596
MP 601 E, MP 601 T, MP 901 Z, MP 1201 E	XXX	G-1/4 in.	829901

Standard Duty (WOB-L) Exhaust Silencer



1412C



1412D / 1412E

- Exhaust silencers are installed in the exhaust port of the vacuum pump to reduce pump noise.

Use With Pump Model	DxH in.(mm)	Thread Size NPT	CAT. No.
2565, 2585	0.6 x 1.5(15 x 38)	1/4	1412C
2561	0.6 x 1.5(15 x 38)	1/4	1412D
2581	0.9 x 2.6(23 x 66)	3/8	1412E

Capture Vapor Recovery System DryFast® & Self Cleaner



1420H-18

- Captures vapor at the outlet enabling nearly 100% solvent recovery to protect lab air quality
- Includes condenser, 1 liter round bottom flask, tubing support and clamps
- Mounts easily to your DryFast or Self Cleaner pump
- Requires cooling water for condenser

Use With DryFast and Self Cleaner Models	CAT. No.
2025, 2026, 2027, 2028, 2014, 2032, 2034, 2042, 2037, 2044, 2047	1420H-18

LVS Replacement Condenser Assembly Kit



700183-08



700183-11



828857-18



828839

- Captures vapor at the outlet enabling nearly 100% solvent recovery to protect lab air quality
- Kit includes condenser, solvent recovery flask and clamp
- Requires cooling water for condenser

Use With LVS System Model	DxH in.(mm)	CAT. No.
All LVS Models except LVS 105 T -10 ef	XXX	700183-08
LVS 105 T -10 ef, coated	XXX	700183-11
Receiving flask coated, 500 ml	XXX	828839
Drain for LVS condensers, with hose barb DN, 10 with KS 35	XXX	828857-18