

# 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 <sup>1</sup> , 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<sup>®</sup> (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               |