

# EK Series liquid line filter driers

*Provides industry best 20 micron filtration*



## Superior filtration

- 20 micron filtration
- Filtration at both inlet and outlet
- 99.9% efficiency with minimal pressure drop
- Retains contaminants during system cycling and vibration



## Maximum moisture and acid removal capacity

- Utilizes full surface area of desiccant beads
- Filters first for maximum moisture removal rates
- Specially formulated blend to protect POE oil
- No binding agents that reduce adsorption as with block driers



## *Did you know?*

*Filter driers should be replaced every time the system is opened.*



**COPELAND**

Size (cubic in)	Inlet X outlet connection size	Access type	Model number	Order number
3	1/4" X 1/4" SAE Flare	None	EK 032	060009
3	1/4" Female X 1/4" Male SAE Flare	None	EK 032FM	060011
3	1/4" Male X 1/4" Female SAE Flare	None	EK 032MF	060010
3	1/4" X 1/4" ODF	None	EK 032S	060012
3	1/4" ODF X Cap Tube	Single	EK 032SVCAP	063208
3	1/4" X 1/4" ODF	Dual	EK 032SVV	063908
3	3/8" X 3/8" SAE Flare	None	EK 033	060013
3	3/8" X 3/8" ODF	None	EK 033S	060014
5	1/4" X 1/4" SAE Flare	None	EK 052	047601
5	1/4" Male X 1/4" Female SAE Flare	None	EK 052MF	057013
5	1/4" X 1/4" ODF	None	EK 052S	047602
5	1/4" ODF X Cap Tube	Single	EK 052SVCAP	065846
5	1/4" X 1/4" ODF	Dual	EK 052SVV	065966
5	3/8" X 3/8" SAE Flare	None	EK 053	047603
5	3/8" X 3/8" ODF	None	EK 053S	047604
5	3/8" X 3/8" ODF	Dual	EK 053SVV	065963
8	1/4" X 1/4" SAE Flare	None	EK 082	047605
8	5/16" X 5/16" ODF	None	EK 0825S	049551
8	1/4" X 1/4" ODF	None	EK 082S	047606
8	3/8" X 3/8" SAE Flare	None	EK 083	047607
8	3/8" Male X 3/8" Female SAE Flare	None	EK 083MF	056906
8	3/8" X 3/8" ODF	None	EK 083S	047608
8	3/8" X 3/8" ODF	Dual	EK 083SVV	065964
8	1/2" X 1/2" SAE Flare	None	EK 084	047609
8	1/2" X 1/2" ODF	None	EK 084S	047610
16	1/4" X 1/4" SAE Flare	None	EK 162	047611
16	5/16" X 5/16" ODF	None	EK 1625S	056045
16	1/4" X 1/4" ODF	None	EK 162S	047612
16	3/8" X 3/8" SAE Flare	None	EK 163	047613
16	3/8" X 3/8" ODF	None	EK 163S	047614
16	3/8" X 3/8" ODF	Dual	EK 163SVV	065965
16	1/2" X 1/2" SAE Flare	None	EK 164	047615
16	1/2" X 1/2" ODF	None	EK 164S	047616
16	5/8" X 5/8" SAE Flare	None	EK 165	047617
16	5/8" X 5/8" ODF	None	EK 165S	047618
16	7/8" X 7/8" ODF	None	EK 167S	047619
30	3/8" X 3/8" SAE Flare	None	EK 303	048210
30	3/8" X 3/8" ODF	None	EK 303S	048211
30	1/2" X 1/2" SAE Flare	None	EK 304	048212
30	1/2" X 1/2" ODF	None	EK 304S	048213
30	5/8" X 5/8" SAE Flare	None	EK 305	048214
30	5/8" X 5/8" ODF	None	EK 305S	048215
30	3/4" X 3/4" SAE Flare	None	EK 306	048668
30	3/4" X 3/4" ODF	None	EK 306S	048216
30	7/8" X 7/8" ODF	None	EK 307S	048217
30	1-1/8" X 1-1/8" ODF	None	EK 309S	048218
41	3/8" X 3/8" SAE Flare	None	EK 413	048219
41	1/2" X 1/2" SAE Flare	None	EK 414	048220
41	1/2" X 1/2" ODF	None	EK 414S	048221
41	5/8" X 5/8" SAE Flare	None	EK 415	048222
41	5/8" X 5/8" ODF	None	EK 415S	048223
41	7/8" X 7/8" ODF	None	EK 417S	048224
41	1-1/8" X 1-1/8" ODF	None	EK 419S	048225
75	7/8" X 7/8" ODF	None	EK 757S	048228
75	1-1/8" X 1-1/8" ODF	None	EK 759S	048229

## Features

- Filtration first for more effective use of surface area of desiccant
- High moisture and acid removal capacity
- Solid copper connections
- Corrosion resistant epoxy powder paint finish
- Approved for POE oils with Copeland compressors
- Shock resistant steel shell construction
- Desiccant blend optimized for high water capacity and acid capacity

## Specifications

**Filtration:** 20 microns

**Maximum working pressure:** 680 psig

**UL/CUL file number:** SA3124



*The bead beats the block*

Copeland compacted bead	VS	Competitor block style
75/25	Desiccant mix	75/25
20 microns	Filtration size	40 microns
13 grams	Filtration capacity	< 10 grams
99.9%	Filtration efficiency	< 90%

Calculations based on 16 cu. in. drier

## The White-Rodgers mobile app:

- Latest cross reference
- Installation instructions
- Spec sheets
- Product selection

