

# EKP EXTRA-KLEAN LIQUID LINE FILTER-DRIER

## FEATURES AND SPECIFICATIONS

- ☆ Copeland approved for POE Lubricants
- ☆ Premium Universal replacement liquid line filter-drier for CFC, HCFC and HFC refrigerants including R-410A for all sizes
- ☆ Filtration first for more effective use of surface area of desiccant
- ☆ High moisture and acid removal
- ☆ Solid copper fittings
- ☆ Corrosion resistant epoxy powder paint finish
- ☆ Desiccant blend 75% molecular sieve and 25% activated alumina
- ☆ Maximum working pressure: 680 psig
- ☆ Filtration: 20 microns
- ☆ CRN file number: OE0844.9 (see page A)
- ☆ CSA file number: LR 100624  
LR 32462
- ☆ UL file number: SA 3124



## NOMENCLATURE

Example: EKP-083S

<b>EKP</b>	<b>08</b>	<b>3</b>	<b>S</b>
Drier Series	Unit Size (in cu. in.)	Connection Size (in 1/8")	S = ODF connections (omit for SAE)

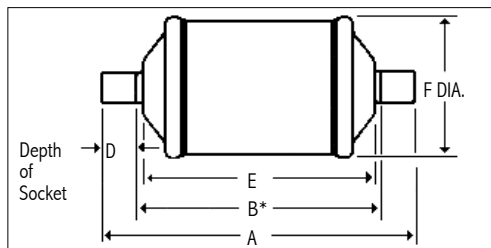
## ORDERING INFORMATION FOR EKP

PCN	MODEL NUMBER	CONNECTION	DIMENSIONS					SHIP WT. LBS.
			A	B	D	E	F $\varnothing$	
062427	EKP-032	1/4 SAE	4 3/8	--	--	2 9/16	1 5/8	1/2
062429	EKP-032S	1/4 ODF	3 7/8	3-1/8	3/8			
063908	EK-032SV	1/4 ODF						
013893	EK-032SV C	Capillary Tube Outlet Connection with access valve						
016141	EK-032SC	Capillary Tube Outlet Connection						
060011	EK-032FM	1/4 SAE	3 1/2	--	--	3	2 5/8	7/8
060010	EK-032MF	1/4 SAE	3 1/2	--	--			
062431	EKP-033	3/8 SAE	4 11/16	--	--			
062433	EKP-033S	3/8 ODF	4 1/16	3 3/16	7/16			
062435	EKP-052	1/4 SAE	4 13/16	--	--			
057013	EKP-052MF	1/4 SAE	4 1/2	--	--			
062438	EKP-052S	1/4 ODF	4 7/16	3 11/16	3/8			
062440	EKP-053	3/8 SAE	5 1/8	--	--			
062442	EKP-053S	3/8 ODF	4 1/2	3 5/8	7/16			
062444	EKP-082	1/4 SAE	5 5/8	--	--			
062446	EKP-082S	1/4 ODF	5 1/4	4 1/2	3/8	3 13/16	2 5/8	1 1/4
062448	EKP-083	3/8 SAE	5 15/16	--	--			
062450	EKP-083S	3/8 ODF	5 5/16	4 7/16	7/16			
062452	EKP-084	1/2 SAE	6 3/16	--	--			
062454	EKP-084S	1/2 ODF	5 3/8	4 3/8	1/2			
062493	EKP-162	1/4 SAE	6 9/16	--	--			
062495	EKP-162S	1/4 ODF	6 3/16	5 7/16	3/8	4 3/4	2 5/8	1 1/2
056045	EKP-162SS	1/4 ODF	5 15/16	5 5/16	5/16			
062497	EKP-163	3/8 SAE	6 7/8	--	--			
062499	EKP-163S	3/8 ODF	6 1/4	5 7/16	7/16			
062501	EKP-164	1/2 SAE	7 1/16	--	--			
062503	EKP-164S	1/2 ODF	6 5/16	5 5/16	1/2			
062505	EKP-165	5/8 SAE	7 1/2	--	--			
062507	EKP-165S	5/8 ODF	6 9/16	5 5/16	5/8			
062509	EKP-303	3/8 SAE	9 5/8	--	--			
062511	EKP-303S	3/8 ODF	9	8 1/8	7/16			
062513	EKP-304	1/2 SAE	9 7/8	--	--	7 1/2	3 1/16	3 3/4
062515	EKP-304S	1/2 ODF	9 1/8	8 1/8	1/2			
062517	EKP-305	5/8 SAE	10 5/16	--	--			
062519	EKP-305S	5/8 ODF	9 5/16	8 1/16	5/8			
063449	EKP-306S	3/4 ODF	9 11/16	8 7/16	5/8			
062523	EKP-307S	7/8 ODF	9 7/8	8 3/8	3/4			
062525	EKP-309S	1 1/8 ODF	10 1/4	8 7/16	15/16			
062527	EKP-413	3/8 SAE	9 3/4	--	--			
062531	EKP-414	1/2 SAE	10	--	--			
062533	EKP-414S	1/2 ODF	9 1/4	8 1/4	1/2			
062535	EKP-415	5/8 SAE	10 7/16	--	--	7 5/8	3 11/16	4 3/4
062537	EKP-415S	5/8 ODF	9 7/16	8 3/16	5/8			
062539	EKP-417S	7/8 ODF	10	8 1/2	3/4			
062541	EKP-419S	1 1/8 ODF	10 5/16	8 1/2	3/4			
062543	EKP-757S	7/8 ODF	15 7/16	13 15/16	3/4			
062545	EKP-759S	1 1/8 ODF	15 3/4	13 7/8	15/16			

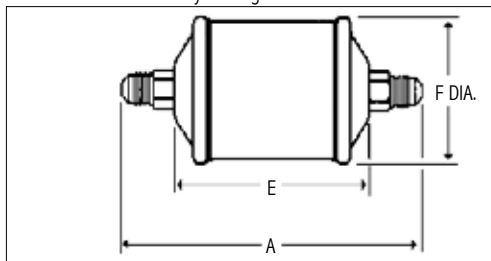
Ⓞ Does not include weld bead

**REFER TO PAGE 39 OF CATALOGUE  
FOR RECOMMENDED SYSTEM  
TONNAGE**

## DIMENSIONAL DATA



\* Indicates Lay-in Length



## LIQUID REFRIGERANT HOLDING CAPACITY - OUNCES

Unit Size	R-12		R-134a		R-22		R-407C		R-410A		R-404A/507		R-502	
	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F
03	2.9	2.6	2.6	2.3	2.6	2.3	2.5	2.1	2.3	1.9	2.3	1.9	2.7	2.3
05	6.5	5.9	6.0	5.4	5.9	5.3	5.6	4.9	5.3	4.4	5.2	4.4	6.0	5.3
08	8.3	7.6	7.6	6.9	7.5	6.8	7.2	6.3	6.7	5.7	6.6	5.6	7.7	6.8
16	10.2	9.4	9.4	8.6	9.3	8.4	8.9	7.8	8.3	7.0	8.2	6.9	9.5	8.4
30	28.7	26.3	26.4	23.9	26.1	23.5	24.9	21.9	23.3	19.6	22.9	19.4	26.7	23.4
41	40.0	36.4	36.9	33.1	36.4	32.5	34.7	30.3	32.5	27.2	31.9	26.8	37.2	32.4
75	72.4	66.3	66.7	60.3	65.8	59.2	62.8	55.2	58.7	49.5	57.7	48.9	67.2	59.0