

**FILTER DRIERS – LIQUID LINE**



**Emerson ADK Series Liquid Line Filter Driers (Uni-Directional)**

- Solid core, activated alumina with molecular sieve
- Corrosion resistant epoxy powder paint finish
- Suitable for R-22 and R-410A, 680 psig maximum working pressure



PART NO	CONNECT SIZE (IN)	CONNECT TYPE	OVERALL LENGTH (IN)	BODY LENGTH (IN)	BODY DIA (IN)	CAPACITY (IN <sup>3</sup> )	R-22 ARI FLOW CAPACITY @ 1 PSI DROP (TONS)	R-410A ARI FLOW CAPACITY @ 1 PSI DROP (TONS)
83-ADK-032S	1/4	Sweat ODF	3-7/8	2-9/16	1-5/8	3	2.5	2.5
83-ADK-052S	1/4	Sweat ODF	4-7/16	3	2-5/8	5	3.1	3.1
83-ADK-053S	3/8	Sweat ODF	4-1/2	3	2-5/8	5	4.9	4.9
83-ADK-082S	1/4	Sweat ODF	5-1/4	3-3/16	2-5/8	8	3.4	3.4
83-ADK-083S	3/8	Sweat ODF	5-5/16	3-3/16	2-5/8	8	4.6	4.6
83-ADK-084S	1/2	Sweat ODF	5-3/8	3-3/16	2-5/8	8	7.6	7.6
83-ADK-163S	3/8	Sweat ODF	6-1/8	4-5/8	2-5/8	16	5.3	5.3
83-ADK-164S	1/2	Sweat ODF	6-3/16	4-5/8	2-5/8	16	9.3	9.3
83-ADK-165S	5/8	Sweat ODF	6-3/8	4-5/8	2-5/8	16	14.2	14.2
83-ADK-304S	1/2	Sweat ODF	9-1/8	7-1/2	3-1/16	30	9.5	9.5
83-ADK-305S	5/8	Sweat ODF	9-5/16	7-1/2	3-1/16	30	15.7	15.7
83-ADK-303S	5/8	Sweat ODF	9	7-1/2	3-1/16	30	5.8	5.8
83-ADK-307S	7/8	Sweat ODF	9-7/8	7-1/2	3-1/16	30	18.9	18.9
83-ADK-309S	1-1/8	Sweat ODF	10-3/16	7-1/2	3-1/16	30	27.0	27.0
83-ADK-414S	1/2	Sweat ODF	9-1/4	7-5/8	3-11/16	41	11.6	11.6
83-ADK-415S	5/8	Sweat ODF	9-7/16	7-5/8	3-11/16	41	17.9	17.9
83-ADK-417S	7/8	Sweat ODF	10	7-5/8	3-11/16	41	22.0	22.0
83-ADK-419S	1-1/8	Sweat ODF	10-5/16	7-5/8	3-11/16	41	27.3	27.3
83-ADK-757S	7/8	Sweat ODF	15-7/16	13-1/16	3-11/16	75	37.1	37.1
83-ADK-759S	1-1/8	Sweat ODF	15-3/4	13-1/16	3-11/16	75	40.4	40.4
83-ADK-032	1/4	Flare SAE (M/M)	4-3/8	2-9/16	1-5/8	3	2.1	2.1
83-ADK-033	3/8	Flare SAE (M/M)	4-11/16	2-9/16	1-5/8	3	2.9	2.9
83-ADK-033S	3/8	Flare SAE (M/M)	4-1/16	2-9/16	1-5/8	3	3.3	3.3
83-ADK-052	1/4	Flare SAE (M/M)	4-13/16	3	2-5/8	5	2.2	2.2
83-ADK-053	3/8	Flare SAE (M/M)	5-1/8	3	2-5/8	5	4.0	4.0
83-ADK-082	1/4	Flare SAE (M/M)	5-5/8	3-3/16	2-5/8	8	2.2	2.2
83-ADK-083	3/8	Flare SAE (M/M)	5-15/16	3-3/16	2-5/8	8	4.7	4.7
83-ADK-084	1/2	Flare SAE (M/M)	6-3/16	3-3/16	2-5/8	8	7.3	7.3
83-ADK-162	1/4	Flare SAE (M/M)	6-7/16	4-5/8	2-5/8	16	2.2	2.2
83-ADK-163	3/8	Flare SAE (M/M)	6-3/4	4-5/8	2-5/8	16	4.8	4.8
83-ADK-164	1/2	Flare SAE (M/M)	6-15/16	4-5/8	2-5/8	16	9.0	9.0
83-ADK-165	5/8	Flare SAE (M/M)	7-7/16	4-5/8	2-5/8	16	12.8	12.8
83-ADK-303	3/8	Flare SAE (M/M)	9-5/8	7-1/2	3-1/16	30	5.1	5.1
83-ADK-304	1/2	Flare SAE (M/M)	9-7/8	7-1/2	3-1/16	30	9.3	9.3
83-ADK-305	5/8	Flare SAE (M/M)	10-5/16	7-1/2	3-1/16	30	15.0	15.0
83-ADK-413	3/8	Flare SAE (M/M)	9-3/4	7-5/8	3-11/16	41	5.1	5.1
83-ADK-414	1/2	Flare SAE (M/M)	10	7-5/8	3-11/16	41	10.6	10.6
83-ADK-415	5/8	Flare SAE (M/M)	10-7/16	7-5/8	3-11/16	41	16.9	16.9