

DK series Liquid Line Filter Drier

DK 系列干燥过滤器



FEATURES:

- * Solid core with molecular sieve for high moisture and acid removal capacity
- * Filtration down to 25 microns, max. working pressure 45 bar
- * Compatible with CFC, HCFC and HFC refrigerants
- * Corrosion resistant epoxy powder coating
- * 采用分子筛烧结滤芯设计, 具备良好的吸水性和除酸能力
- * 过滤精度为 25 um, 最大工作压力为 45 bar
- * 适用于 CFC, HCFC 和 HFC 制冷剂
- * 表面涂层采用抗腐蚀的环氧粉末喷涂

Model	Connection	Nominal Flow Capacity (kW) at 0.07 bar pressure drop					Dimension					
		R134a	R22 / R410A	R407C	R404A / R507	R502	A	B	D	L		
DK-032	1/4 SAE	6.7	7.4	7.0	5.0	4.6	22.5 mm	66.0 mm	42.0 mm	111 mm		
DK-032S	1/4 ODF	8.1	8.8	8.5	6.0	5.6	16.0 mm			98 mm		
DK-033	3/8 SAE	9.5	10.2	10.2	7.0	6.7	27.5 mm			121 mm		
DK-033S	3/8 ODF	10.5	11.6	11.7	7.7	7.4	19.0 mm			104 mm		
DK-052	1/4 SAE	7.1	7.7	7.6	5.3	5.3	22.5 mm	76.0 mm	63.5 mm	121 mm		
DK-052S	1/4 ODF	10.2	10.9	12.3	7.8	7.0	18.0 mm			112 mm		
DK-053	3/8 SAE	12.9	14.1	13.0	9.5	9.1	27.5 mm			131 mm		
DK-053S	3/8 ODF	15.8	17.2	16.5	11.6	11.2	19.0 mm			114 mm		
DK-082	1/4 SAE	7.2	7.8	7.6	6.0	5.6	22.5 mm	96.0 mm	63.5 mm	141 mm		
DK-082S	1/4 ODF	10.9	11.9	11.6	7.7	7.3	18.0 mm			132 mm		
DK-083	3/8 SAE	14.7	16.2	15.8	10.5	10.5	27.5 mm			151 mm		
DK-083S	3/8 ODF	15.1	16.8	16.5	10.8	10.8	19.0 mm			134 mm		
DK-084	1/2 SAE	23.5	25.7	24.9	17.2	16.7	30.0 mm	120.0 mm	76.0 mm	156 mm		
DK-084S	1/2 ODF	24.6	26.8	26.3	17.9	17.1	20.0 mm			136 mm		
DK-085	5/8 SAE	34.6	36.8	36.0	24.2	24.2	35.0 mm			166 mm		
DK-085S	5/8 ODF	38.5	40.4	39.6	25.7	25.7	24.0 mm			144 mm		
DK-162	1/4 SAE	7.4	8.1	7.8	6.2	5.8	22.5 mm	191.0 mm	76.0 mm	165 mm		
DK-162S	1/4 ODF	13.3	14.7	14.4	10.8	10.5	18.0 mm			156 mm		
DK-163	3/8 SAE	15.4	16.8	16.5	11.4	10.9	27.5 mm			175 mm		
DK-163S	3/8 ODF	17.6	18.7	18.3	12.8	12.4	19.0 mm			158 mm		
DK-164	1/2 SAE	29.8	31.4	30.6	21.0	20.4	30.0 mm			180 mm		
DK-164S	1/2 ODF	31.8	33.2	32.2	21.8	21.6	20.0 mm			160 mm		
DK-165	5/8 SAE	41.5	44.8	44.0	30.3	29.2	35.0 mm			190 mm		
DK-165S	5/8 ODF	46.3	50.4	48.9	33.4	32.4	24.0 mm			168 mm		
DK-166	3/4 SAE	51.6	52.6	52.0	36.7	35.4	40.0 mm			200 mm		
DK-166S	3/4 ODF	53.8	55.4	58.0	38.4	37.6	26.0 mm			172 mm		
DK-167S	7/8 ODF	56.2	61.2	59.8	41.6	39.8	28.5 mm			177 mm		
DK-303	3/8 SAE	16.5	17.8	17.6	12.1	11.8	27.5 mm			194.0 mm	89.0 mm	246 mm
DK-303S	3/8 ODF	26.5	29.2	27.8	17.6	16.8	19.0 mm	229 mm				
DK-304	1/2 SAE	30.2	32.6	32.0	21.8	21.4	30.0 mm	251 mm				
DK-304S	1/2 ODF	31.6	33.4	33.1	22.5	21.8	20.0 mm	231 mm				
DK-305	5/8 SAE	48.6	52.8	51.8	35.2	34.2	35.0 mm	261 mm				
DK-305S	5/8 ODF	51.2	55.2	54.2	37.1	36.2	24.0 mm	239 mm				
DK-306	3/4 SAE	52.8	58.4	56.8	39.2	38.3	40.0 mm	271 mm				
DK-306S	3/4 ODF	56.4	60.2	59.2	40.5	39.1	26.0 mm	243 mm				
DK-307S	7/8 ODF	62.2	66.5	65.2	44.6	43.4	28.5 mm	248 mm				
DK-309S	1-1/8 ODF	87.8	94.8	93.3	63.4	61.8	29.0 mm	249 mm				
DK-413	3/8 SAE	16.8	18.2	17.8	12.7	12.3	27.5 mm	194.0 mm	89.0 mm			249 mm
DK-414	1/2 SAE	34.5	37.2	36.6	25.1	24.4	30.0 mm					254 mm
DK-414S	1/2 ODF	37.8	40.8	40.2	27.6	26.2	20.0 mm			234 mm		
DK-415	5/8 SAE	55.2	59.2	58.4	39.8	38.6	35.0 mm			264 mm		
DK-415S	5/8 ODF	59.2	63.0	61.4	42.3	40.8	24.0 mm			242 mm		
DK-416	3/4 SAE	62.8	68.6	67.2	45.6	43.1	40.0 mm			274 mm		
DK-416S	3/4 ODF	66.8	72.4	70.8	48.2	47.4	26.0 mm			246 mm		
DK-417S	7/8 ODF	71.6	77.5	76.4	51.8	50.4	28.5 mm			251 mm		
DK-419S	1-1/8 ODF	88.8	96.0	94.6	64.4	62.4	29.0 mm			252 mm		

DM / DC series Liquid Line Filter Drier

DM / DC 系列干燥过滤器



FEATURES:

* DM series: 100% molecular sieve core, high drying capacity; DC series: 80% molecular sieve with 20% activated alumina, perfect core blend for high water and acid absorption

* Filtration down to 25 microns, max. working pressure 45 bar

* Compatible with CFC, HCFC and HFC; corrosion resistant epoxy powder coating

* DM 系列采用 100% 分子筛烧结滤芯，具有良好的干燥吸水性；DC 系列采用 80% 分子筛和 20% 活性铝烧结而成，同时具备良好的干燥和除酸能力

* 过滤精度为 25 um，最大工作压力为 45 bar

* 适用于 CFC, HCFC 和 HFC 制冷剂；表面涂层采用抗腐蚀的环氧粉末喷涂

Model	Connection	Nominal Flow Capacity (kW) at 0.07 bar pressure drop					Dimension			
		R134a	R404A	R507	R22 / R410A	R407C	A	B	D	L
DM / DC-032	1/4 SAE	6.7	5.1	4.9	7.5	7.1	22.5 mm	66.0 mm	43.0 mm	111 mm
DM / DC-032S	1/4 ODF	6.7	5.1	4.9	7.5	7.1	16.0 mm			98 mm
DM / DC-033	3/8 SAE	12.9	9.9	9.6	14.5	13.8	27.5 mm			121 mm
DM / DC-033S	3/8 ODF	12.9	9.9	9.6	14.5	13.8	19.0 mm	104 mm		
DM / DC-052	1/4 SAE	7.7	5.6	5.5	8.5	8.0	22.5 mm	75.0 mm	54.0 mm	120 mm
DM / DC-052S	1/4 ODF	7.7	5.6	5.5	8.5	8.0	18.0 mm			111 mm
DM / DC-053	3/8 SAE	12.9	9.8	9.5	14.5	13.8	27.5 mm			130 mm
DM / DC-053S	3/8 ODF	12.9	9.8	9.5	14.5	13.8	19.0 mm	113 mm		
DM / DC-054	1/2 SAE	25.7	20.8	20.2	30.2	28.6	30.0 mm	135 mm		
DM / DC-054S	1/2 ODF	25.7	20.8	20.2	30.2	28.6	20.0 mm	115 mm		
DM / DC-082	1/4 SAE	7.7	5.4	5.3	8.2	7.9	22.5 mm	101.0 mm	54.0 mm	146 mm
DM / DC-082S	1/4 ODF	7.7	5.4	5.3	8.2	7.9	18.0 mm			137 mm
DM / DC-083	3/8 SAE	14.2	11.0	10.7	16.2	15.3	27.5 mm			156 mm
DM / DC-083S	3/8 ODF	14.2	11.0	10.7	16.2	15.3	19.0 mm	139 mm		
DM / DC-084	1/2 SAE	28.6	21.4	20.7	31.7	30.2	30.0 mm	161 mm		
DM / DC-084S	1/2 ODF	28.6	21.4	20.7	31.7	30.2	20.0 mm	141 mm		
DM / DC-085	5/8 SAE	43.8	35.3	34.3	51.6	48.7	35.0 mm	171 mm		
DM / DC-085S	5/8 ODF	43.8	35.3	34.3	51.6	48.7	24.0 mm	149 mm		
DM / DC-162	1/4 SAE	7.7	5.4	5.3	8.2	7.9	22.5 mm	110.0 mm	76.0 mm	155 mm
DM / DC-162S	1/4 ODF	7.7	5.4	5.3	8.2	7.9	18.0 mm			146 mm
DM / DC-163	3/8 SAE	16.3	11.2	10.8	16.8	16.2	27.5 mm			165 mm
DM / DC-163S	3/8 ODF	16.3	11.2	10.8	16.8	16.2	19.0 mm	148 mm		
DM / DC-164	1/2 SAE	32.2	23.5	22.7	35.1	33.6	30.0 mm	170 mm		
DM / DC-164S	1/2 ODF	32.2	23.5	22.7	35.1	33.6	20.0 mm	150 mm		
DM / DC-165	5/8 SAE	44.6	36.6	35.6	53.4	50.2	35.0 mm	180 mm		
DM / DC-165S	5/8 ODF	44.6	36.6	35.6	53.4	50.2	24.0 mm	158 mm		
DM / DC-166	3/4 SAE	44.5	37.4	36.4	54.4	51.2	40.0 mm	190 mm		
DM / DC-166S	3/4 ODF	44.5	37.4	36.4	54.4	51.2	26.0 mm	162 mm		
DM / DC-167S	7/8 ODF	45.9	40.1	39.2	56.6	52.8	28.5 mm	167 mm		
DM / DC-303	3/8 SAE	15.7	10.6	10.2	16.6	15.5	27.5 mm	189.0 mm	76.0 mm	244 mm
DM / DC-303S	3/8 ODF	15.7	10.6	10.2	16.6	15.5	19.0 mm			227 mm
DM / DC-304	1/2 SAE	32.5	25.0	24.3	36.8	35.1	30.0 mm			249 mm
DM / DC-304S	1/2 ODF	32.5	25.0	24.3	36.8	35.1	20.0 mm	229 mm		
DM / DC-305	5/8 SAE	43.7	36.9	35.9	53.8	50.9	35.0 mm	259 mm		
DM / DC-305S	5/8 ODF	43.7	36.9	35.9	53.8	50.9	24.0 mm	237 mm		
DM / DC-306	3/4 SAE	45.7	39.8	38.9	55.6	52.5	40.0 mm	269 mm		
DM / DC-306S	3/4 ODF	45.7	39.8	38.9	55.6	52.5	26.0 mm	241 mm		
DM / DC-307S	7/8 ODF	64.3	54.0	52.5	77.8	73.3	28.5 mm	246 mm		
DM / DC-309S	1-1/8 ODF	83.6	69.8	67.9	101.6	95.0	29.0 mm	247 mm		
DM / DC-413	3/8 SAE	18.4	12.4	12.0	19.2	18.2	27.5 mm	191.0 mm	89.0 mm	246 mm
DM / DC-414	1/2 SAE	33.4	26.5	25.7	38.6	36.7	30.0 mm			251 mm
DM / DC-414S	1/2 ODF	33.4	26.5	25.7	38.6	36.7	20.0 mm			231 mm
DM / DC-415	5/8 SAE	55.4	41.8	40.6	62.1	59.1	35.0 mm	261 mm		
DM / DC-415S	5/8 ODF	55.4	41.8	40.6	62.1	59.1	24.0 mm	239 mm		
DM / DC-416	3/4 SAE	62.4	53.8	52.6	76.6	72.4	40.0 mm	271 mm		
DM / DC-416S	3/4 ODF	62.4	53.8	52.6	76.6	72.4	26.0 mm	243 mm		
DM / DC-417S	7/8 ODF	66.7	56.3	56.3	80.2	76.3	28.5 mm	248 mm		
DM / DC-419S	1-1/8 ODF	95.3	76.3	76.3	112.3	105.4	29.0 mm	249 mm		

FDEK series Liquid Line Filter Drier

FDEK 系列干燥过滤器



FEATURES:

- * Compacted bead style core with spring loaded, high moisture and acid removal capacity
- * Filtration down to 20 microns, max. working pressure 45 bar
- * Compatible with CFC, HCFC and HFC refrigerants
- * Corrosion resistant epoxy powder coating
- * 采用颗粒型分子筛，两级过滤结构，具备良好的吸水性和除酸能力
- * 过滤精度为 20 μm ，最大工作压力为 45 bar
- * 适用于 CFC, HCFC 和 HFC 制冷剂
- * 表面涂层采用抗腐蚀的环氧粉末喷涂

Model	Connection	Nominal Flow Capacity (kW) at 0.07 bar pressure drop					Dimension			
		R134a	R22 / R410A	R407C	R404A / R507	R502	A	B	D	L
FDEK-032	1/4 SAE	7.0	7.7	7.3	4.9	4.9	22.5 mm	66.0 mm	42.0 mm	111 mm
FDEK-032S	1/4 ODF	9.5	10.2	10.1	7.0	6.6	16.0 mm			98 mm
FDEK-033	3/8 SAE	10.5	11.5	11.2	7.8	7.4	27.5 mm			121 mm
FDEK-033S	3/8 ODF	10.5	11.5	11.2	7.8	7.4	19.0 mm		104 mm	
FDEK-052	1/4 SAE	7.4	8.1	7.7	5.3	5.3	22.5 mm	76.0 mm	63.5 mm	121 mm
FDEK-052S	1/4 ODF	11.6	12.6	12.2	8.4	8.1	18.0 mm			112 mm
FDEK-053	3/8 SAE	12.3	13.3	12.9	8.8	8.8	27.5 mm			131 mm
FDEK-053S	3/8 ODF	15.4	16.8	16.4	11.2	10.8	19.0 mm		114 mm	
FDEK-082	1/4 SAE	8.1	8.8	8.4	6.0	5.6	22.5 mm	96.0 mm	63.5 mm	141 mm
FDEK-082S	1/4 ODF	10.9	11.9	11.6	7.7	7.7	18.0 mm			132 mm
FDEK-083	3/8 SAE	14.0	15.1	15.1	10.2	9.8	27.5 mm			151 mm
FDEK-083S	3/8 ODF	15.8	17.2	16.9	11.6	11.3	19.0 mm		134 mm	
FDEK-084	1/2 SAE	23.5	25.6	25.0	17.2	16.5	30.0 mm		156 mm	
FDEK-084S	1/2 ODF	25.0	27.1	26.4	18.0	17.6	20.0 mm		136 mm	
FDEK-162	1/4 SAE	8.1	8.8	8.4	6.0	5.6	22.5 mm	120.0 mm	63.5 mm	165 mm
FDEK-162S	1/4 ODF	10.9	12.0	11.6	7.7	7.7	18.0 mm			156 mm
FDEK-163	3/8 SAE	13.7	14.8	14.4	9.9	9.5	27.5 mm			175 mm
FDEK-163S	3/8 ODF	15.5	16.9	16.4	11.3	10.9	19.0 mm		158 mm	
FDEK-164	1/2 SAE	27.8	30.8	30.3	18.0	17.3	30.0 mm		180 mm	
FDEK-164S	1/2 ODF	29.9	32.4	31.7	21.8	21.1	20.0 mm		160 mm	
FDEK-165	5/8 SAE	34.1	37.0	36.3	24.6	23.9	35.0 mm		190 mm	
FDEK-165S	5/8 ODF	35.6	38.4	37.6	25.7	25.0	24.0 mm		168 mm	
FDEK-166	3/4 SAE	46.5	49.6	48.9	36.4	35.6	40.0 mm		200 mm	
FDEK-166S	3/4 ODF	48.6	55.8	54.7	37.8	36.9	26.0 mm		172 mm	
FDEK-167S	7/8 ODF	54.6	59.1	58.1	39.4	38.4	28.5 mm		177 mm	
FDEK-303	3/8 SAE	15.1	16.5	16.2	10.9	10.6	27.5 mm	191.0 mm	76.0 mm	246 mm
FDEK-303S	3/8 ODF	22.2	23.9	23.6	16.2	15.5	19.0 mm			229 mm
FDEK-304	1/2 SAE	28.5	30.9	30.3	20.8	20.1	30.0 mm			251 mm
FDEK-304S	1/2 ODF	35.2	38.0	37.3	25.3	24.6	20.0 mm		231 mm	
FDEK-305	5/8 SAE	37.3	40.5	39.8	27.1	26.4	35.0 mm		261 mm	
FDEK-305S	5/8 ODF	44.4	47.8	46.8	30.8	28.4	24.0 mm		239 mm	
FDEK-306	3/4 SAE	49.9	53.1	52.4	34.1	33.2	40.0 mm		271 mm	
FDEK-306S	3/4 ODF	52.1	56.3	55.3	37.6	36.6	26.0 mm		243 mm	
FDEK-307S	7/8 ODF	59.1	64.0	63.0	42.9	41.5	28.5 mm		248 mm	
FDEK-309S	1-1/8 ODF	68.9	74.6	73.2	50.0	48.6	29.0 mm		249 mm	
FDEK-413	3/8 SAE	15.1	16.5	16.2	10.9	10.6	27.5 mm	194.0 mm	89.0 mm	249 mm
FDEK-414	1/2 SAE	36.6	39.8	39.1	26.4	25.7	30.0 mm			254 mm
FDEK-414S	1/2 ODF	38.1	41.2	40.5	27.5	26.7	20.0 mm			234 mm
FDEK-415	5/8 SAE	42.2	45.8	45.1	30.6	29.9	35.0 mm		264 mm	
FDEK-415S	5/8 ODF	52.4	55.6	55.0	40.8	40.2	24.0 mm		242 mm	
FDEK-416	3/4 SAE	62.2	68.4	67.2	45.8	45.3	40.0 mm		274 mm	
FDEK-416S	3/4 ODF	63.8	70.2	69.6	48.6	47.8	26.0 mm		246 mm	
FDEK-417S	7/8 ODF	71.5	77.0	76.0	51.7	50.3	28.5 mm		251 mm	
FDEK-419S	1-1/8 ODF	97.5	105.6	103.4	70.8	68.6	29.0 mm		252 mm	