

# Liquid moisture indicators

## DANFOSS TYPE SGN - OPTIMIZED FOR HCFC & HFC REFRIGERANTS

CATALOGUE NUMBER	DANFOSS MODEL No.	CONNECTIONS	OVERALL LENGTH (mm)	DANFOSS PART No.
<b>MALE FLARE CONNECTIONS</b>				
UAD00000	SGN 6	1/4" MALE FLARE	67	014-0161
UAD00005	SGN 10	3/8" MALE FLARE	82	014-0162
UAD00010	SGN 12	1/2" MALE FLARE	88	014-0163
UAD00015	SGN 16	5/8" MALE FLARE	104	014-0165
UAD00020	SGN 19	3/4" MALE FLARE	110	014-0166
<b>FEMALE &amp; MALE FLARE CONNECTIONS</b>				
UAD00025	SGN 6FM	1/4" FEMALE/MALE FLARE	46	014-0171
UAD00030	SGN 10FM	3/8" FEMALE/MALE FLARE	57	014-0172
UAD00035	SGN 12FM	1/2" FEMALE/MALE FLARE	59	014-0173
UAD00040	SGN 16FM	5/8" FEMALE/MALE FLARE	71	014-0174
UAD00045	SGN 19FM	3/4" FEMALE/MALE FLARE	75	014-0175
<b>SOLDER CONNECTIONS</b>				
UAD00050	SGN 6s	1/4" ODF SOLDER	101	014-0181
UAD00055	SGN 10s	3/8" ODF SOLDER	119	014-0182
UAD00060	SGN 12s	1/2" ODF SOLDER	146	014-0183
UAD00065	SGN 16s	5/8" ODF SOLDER	146	014-0184
UAD00070	SGN 19s	3/4" ODF SOLDER	173	014-0185
UAD00075	SGN 22s	7/8" ODF SOLDER	173	014-0186



## HELDON - SUITABLE FOR HCFC & HFC REFRIGERANTS

CATALOGUE NUMBER	MODEL NUMBER	CONNECTIONS	OVERALL LENGTH (mm)
<b>SINGLE PORT</b>			
UBE00300	670-1818	1-1/8" ODF SOLDER	160
UBE00305	670-2222	1-3/8" ODF SOLDER	200
UBE00310	670-2626	1-5/8" ODF SOLDER	200
<b>DOUBLE PORT</b>			
UBE00315	675-1818	1-1/8" ODF SOLDER	160
UBE00320	675-2222	1-3/8" ODF SOLDER	200
UBE00325	675-2626	1-5/8" ODF SOLDER	200



# Danfoss *Eliminator* liquid line filter driers

## MODEL DML – For CFC & HFC Refrigerants & Mineral, AB, POE & PAG Oils

CATALOGUE NUMBER	DANFOSS MODEL No.	CONN. SIZE	REFRIGERANT FLOW CAP. IN kW <sup>1</sup>					OVERALL LENGTH (mm)	DIA. (mm)	DANFOSS PART No.
			R404A	R407C	R410A	R22	R134a			
<b>FLARE CONNECTIONS - SUITABLE FOR R410A</b>										
UAC00000	DML 032	1/4"	5	7	7	7	7	110	54	023Z5035
UAC00005	DML 033	3/8"	13	19	19	19	17	123	54	023Z5036
UAC00010	DML 052	1/4"	5	8	8	8	7	119	54	023Z5037
UAC00015	DML 053	3/8"	14	19	19	19	18	132	54	023Z5038
UAC00020	DML 082	1/4"	5	8	8	8	7	145	54	023Z5039
UAC00025	DML 083	3/8"	14	21	21	21	19	158	54	023Z5040
UAC00030	DML 084	1/2"	20	29	29	29	26	166	54	023Z5041
UAC00035	DML 162	1/4"	5	8	8	8	7	154	76	023Z5042
UAC00040	DML 163	3/8"	16	24	24	24	22	167	76	023Z5043
UAC00045	DML 164	1/2"	22	33	33	33	30	175	76	023Z5044
UAC00050	DML 165	5/8"	30	47	47	47	43	184	76	023Z5045
UAC00055	DML 303	3/8"	15	23	23	23	21	243	76	023Z0049
UAC00060	DML 304	1/2"	22	34	34	34	31	251	76	023Z0050
UAC00065	DML 305	5/8"	33	49	49	49	45	260	76	023Z0051
UAC00190	DML 413	3/8"	18	27	27	26	25	244	89	023Z0108
UAC00080	DML 414	1/2"	23	35	35	35	32	252	89	023Z0109
UAC00085	DML 415	5/8"	37	58	58	58	53	261	89	023Z0110

(1) In accordance with ARI 710-86 at  $\Delta p = 0.07$  bar.

CATALOGUE NUMBER	DANFOSS MODEL No.	CONN. SIZE	REFRIGERANT FLOW CAP. IN kW <sup>1</sup>					OVERALL LENGTH (mm)	DIA. (mm)	DANFOSS PART No.
			R404A	R407C	R410A	R22	R134a			
<b>SOLDER CONNECTIONS - SUITABLE FOR R410A</b>										
UAC00090	DML 032s	1/4"	5	7	5	7	7	98	54	023Z5048
UAC00095	DML 033s	3/8"	13	19	19	19	17	104	54	023Z5050
UAC00100	DML 052s	1/4"	5	8	8	8	7	107	54	023Z5053
UAC00105	DML 053s	3/8"	14	19	19	19	18	113	54	023Z5054
UAC00110	DML 082s	1/4"	5	8	8	8	7	133	54	023Z5057
UAC00115	DML 083s	3/8"	14	21	21	21	19	139	54	023Z5058
UAC00120	DML 084s	1/2"	20	29	29	29	26	143	54	023Z5061
UAC00125	DML 162s	1/4"	5	8	8	8	7	142	76	023Z5063
UAC00130	DML 163s	3/8"	16	24	24	24	22	148	76	023Z5064
UAC00135	DML 164s	1/2"	22	33	33	33	30	152	76	023Z5067
UAC00140	DML 165s	5/8"	30	47	47	47	43	158	76	023Z5068
UAC00070	DML 303s	3/8"	15	23	23	23	21	224	76	023Z0067
UAC00150	DML 304s	1/2"	22	34	34	34	31	228	76	023Z0068
UAC00155	DML 305s	5/8"	33	49	49	49	45	234	76	023Z0069
UAC00160	DML 306s	3/4"	45	68	68	68	62	246	74	023Z0070
UAC00165	DML 307s	7/8"	43	65	65	27	62	229	89	023Z0071
UAC00170	DML 414s	1/2"	23	35	35	35	32	229	89	023Z0111
UAC00175	DML 415s	5/8"	37	58	58	58	53	235	89	023Z0112
UAC00180	DML 417s	7/8"	65	100	100	100	91	249	89	023Z0113
UAC00195	DML 419s	1-1/8"	65	100	100	100	91	250	89	023Z0114

(1) In accordance with ARI 710-86 at  $\Delta p = 0.07$  bar.

# Danfoss suction line burn-out & bi-flow driers

## DAS - SUCTION LINE BURNOUT DRIERS

CATALOGUE NUMBER	DANFOSS MODEL No.	CONN. SIZE	DIMENSIONS mm		SYSTEM CAPACITY Kw <sup>1</sup>					DANFOSS PART No.
			LENGTH	DIA.	R22	R134a	R404A	R407C	R410A	
<b>FLARE CONNECTIONS</b>										
UAC00235	DAS 083VV	13/8"	158	53.3	6.0	3.5	4.5	6	6	023Z1001
UAC00240	DAS 084VV	11/2"	166	53.3	10	5.5	8.0	10	10	023Z1002
UAC00245	DAS 164VV	11/2"	175	76.2	14.5	6.0	12.5	14.5	14.5	023Z1007
UAC00250	DAS 165VV	15/8"	184	76.2	19	9.5	16.5	19	19	023Z1008
<b>SOLDER CONNECTIONS</b>										
UAC00255	DAS 083sVV	13/8"	139	53.3	6.0	3.5	4.5	10.5	10.5	023Z1003
UAC00260	DAS 084sVV	11/2"	143	53.3	10	5.5	8.0	15	15	023Z1004
UAC00265	DAS 085sVV	15/8"	150	53.3	14.5	9.0	12.5	20	20	023Z1005
UAC00270	DAS 086sVV	13/4"	160	53.3	19	11.5	16.5	22	22	023Z1006
UAC00275	DAS 164sVV	11/2"	152	76.2	10.5	6.0	8.5	18	18	023Z1009
UAC00280	DAS 165sVV	15/8"	158	76.2	15	9.5	13	22	22	023Z1010
UAC00285	DAS 166sVV	13/4"	170	76.2	20	12	17	26	26	023Z1011
UAC00290	DAS 167sVV	17/8"	173	76.2	22	13.5	19	31	31	023Z1012
UAC00295	DAS 305sVV	15/8"	234	76.2	18	11	15	30	30	023Z1013
UAC00300	DAS 306sVV	13/4"	246	76.2	22	14	19	35	35	023Z1014
UAC00305	DAS 307sVV	17/8"	248	76.2	26	16	22	20	20	023Z1015
UAC00310	DAS 309sVV	1-1/8"	249	76.2	31	20	27	22	22	023Z1016
UAC00315	DAS 417sVV	17/8"	249	88.9	30	18	25	30	30	023Z1017
UAC00320	DAS 419sVV	1-1/8"	250	88.9	35	22	30	35	35	023Z1018
UAC00325	DAS 607sVV	17/8"	402	76.2	20	12	17	20	20	023Z1019
UAC00330	DAS 609sVV	1-1/8"	403	76.2	22	14	19	22	22	023Z1020

(1) System capacity is at: evaporating temperature  $t_e = 4^\circ\text{C}$ , Pressure drop  $\Delta p = 0.21$  bar.



## DMB - BI-FLOW FILTER DRIERS

CATALOGUE NUMBER	DANFOSS MODEL No.	CONN. SIZE	DIMENSIONS mm		LIQUID CAPACITY kw <sup>2</sup>					DANFOSS PART No.
			LENGTH	DIA.	R22	R134a	R404A	R407C	R410A	
<b>FLARE CONNECTIONS</b>										
UAC00200	DMB082	1/4"	147	54	4.3	3.9	2.8	4.3	4.3	023Z1412
UAC00205	DMB083	3/8"	160	54	8.2	7.4	5.3	8.2	8.2	023Z1411
UAC00210	DMB084	1/2"	168	54	9.2	8.3	6.0	9.2	9.2	023Z1410
UAC00330	DMB162	1/4"	156	76	8.8	7.6	5.3	8.8	8.8	023Z1416
UAC00335	DMB163	3/8"	169	76	20.0	18.0	13.0	20.0	20.0	023Z1415
UAC00340	DMB164	1/2"	177	76	32.0	28.0	20.0	32.0	32.0	023Z1414
UAC00215	DMB165	5/8"	186	76	40.0	37.0	29.0	40.0	40.0	023Z1413
UAC00345	DMB303	3/8"	245	76	21.0	19.0	15.0	21.0	21.0	023Z1419
UAC00350	DMB304	1/2"	253	76	31.0	28.0	20.0	31.0	31.0	023Z1418
UAC00355	DMB305	5/8"	262	76	42.0	38.0	28.0	42.0	42.0	023Z1417
<b>SOLDER CONNECTIONS</b>										
UAC00220	DMB082s	1/4"	135	54	4.3	3.9	2.8	4.3	4.3	023Z1443
UAC00225	DMB083s	3/8"	141	54	8.2	7.4	5.3	8.2	8.2	023Z1442
UAC00230	DMB084s	1/2"	145	54	9.2	8.3	6.0	9.2	9.2	023Z1441
UAC00300	DMB163s	3/8"	150	76	20.0	18.0	13.0	20.0	20.0	023Z1446
UAC00305	DMB164s	1/2"	154	76	32.0	28.0	20.0	32.0	32.0	023Z1445
UAC00310	DMB165s	5/8"	162	76	40.0	37.0	29.0	40.0	40.0	023Z1444
UAC00315	DMB304s	1/2"	230	76	31.0	28.0	20.0	31.0	31.0	023Z1449
UAC00320	DMB305s	5/8"	238	76	42.0	38.0	28.0	42.0	42.0	023Z1448
UAC00325	DMB307s	7/8"	248	76	47.0	43.0	32.0	47.0	47.0	023Z1447

(2) Capacity is given in accordance with ARI 710-86 ( $t_e = -15^\circ\text{C}$ ,  $t_c = +30^\circ\text{C}$ ) at Pressure drop  $\Delta p = 0.07$  bar.



# Filter driers & strainers



## DANFOSS ELIMINATOR REPLACEABLE CORE DRIER SHELLS

CATALOGUE NUMBER	MODEL NUMBER	NUMBER OF CORES	CONNECTION SIZE	LIQUID CAPACITY KW <sup>1</sup>				DANFOSS PART No.
				R22	R134a	R404A	R410A	
UAC00415	DCR0485s	1	5/8"	88	79	57	88	023U7250
UAC00420	DCR0487s	1	7/8"	153	139	99	153	023U7251
UAC00425	DCR0489s	1	1-1/8"	206	186	133	206	023U7253
UAC00430	DCR04811s	1	1-3/8"	259	227	162	259	023U7254
UAC00435	DCR04813s	1	1-5/8"	259	227	162	259	023U7255
UAC00440	DCR04817s	1	2-1/8"	259	227	162	259	023U7257
UAC00490	DCR04821s	1	2-5/8"	259	227	162	259	023U7276
UAC00445	DCR0967s	2	7/8"	155	140	100	155	023U7258
UAC00450	DCR0969s	2	1-1/8"	240	217	155	240	023U7260
UAC00455	DCR09611s	2	1-3/8"	326	295	211	326	023U7261
UAC00460	DCR09613s	2	1-5/8"	396	358	256	396	023U7262
UAC00465	DCR09617s	2	2-1/8"	396	358	256	396	023U7264
UAC00470	DCR14411s	3	1-3/8"	394	356	255	394	023U7267
UAC00475	DCR14417s	3	2-1/8"	394	356	255	394	023U7270
UAC00480	DCR19213s	4	1-5/8"	509	460	329	509	023U7272
UAC00485	DCR19217s	4	2-1/8"	509	460	329	509	023U7274

(1) Liquid capacity given in accordance with ARI 710-2002 evaporating temperature  $t_e = -15^\circ\text{C}$ , condensing temperature  $t_c = +30^\circ\text{C}$  and pressure drop across filter drier  $p = \Delta 07$  bar.

For R507, use R404A ratings. For R407C, use R410A ratings.

## DANFOSS CORES & STRAINERS



CATALOGUE NUMBER	MODEL NUMBER	DESCRIPTION - APPLICATION	DANFOSS PART No.
UAC00405	48-DU	<b>Solid Core</b> - 100% molecular sieve. Suitable for all HFC refrigerants including R410A. Provides high water adsorption at low and high condensing temperatures and effective against impurities. Can be used with additives in polyolester oils.	023U1392
UAC00400	48-DN	<b>Solid Core</b> - 100% molecular sieve. Suitable for CFC & HCFC and compatible with HFC refrigerants. Activated aluminium oxide provides excellent moisture and acid adsorption throughout the entire temperature range.	023U4381
UAC00395	48-DA	<b>Solid Core</b> - 30% molecular sieve and 70% activated alumina. Suitable for CFC, HCFC and HFC refrigerants. Designed for high acid adsorption and standard water adsorption. Use after a compressor burn-outs.	023U5381
UAC00410	48-F	<b>Strainer</b> - Compatible with all CFC, HCFC & HFC refrigerants. Can be used in the standard DCR drier shells and used in both suction or liquid lines.	023U1921

SUITABLE FOR USE WITH ALL OLD AND NEW REFRIGERANTS AND MATCHING LUBRICANTS

## IN-LINE TYPE - BRASS



CATALOGUE NUMBER	CONNECTIONS	LAYING LENGTH	PART No.
UAA00055	1/4" Flare	183 mm (7-3/16")	90-0496
UAA00060	3/8" Flare	162 mm (6-11/32")	90-0680

# Filter-driers & accumulators

## COPPER SPUN FILTER-DRIERS

XH9 DESICCANT

SUITABLE FOR USE WITH ALL OLD AND NEW REFRIGERANTS AND MATCHING LUBRICANTS

### MOLECULAR SIEVE DESICCANT – SCREEN SIZE 140/150

CATALOGUE NUMBER	CAPACITY GRAMS	SIZE					TAILS		COMMENTS
		INLET	OUTLET	*OUTLET CUT SIZE	BODY DIAMETER (mm)	BODY LENGTH (mm)	INLET	OUTLET	
UAA00000	10	1/4"ID	Capillary 2.5mm ID	–	17.5	105	–	–	Bi-directional
UAA00005	10	1/4"OD	1/4"ODx2	–	17.5	111	100	135	Bi-directional
UAA00010	15	1/4"ID	Capillary 2.5mm ID	–	17.5	135	–	–	Bi-directional
UAA00015	15	1/4"IDx2	1/4"ID	–	17.5	142	–	–	Bi-directional
UAA00020	15	3/16"ID	Capillary 2.5mm ID	–	17.5	132	–	–	Bi-directional
UAA00025	20	1/4"ID	Capillary 2.5mm ID	–	24	115	–	–	Bi-directional
UAA00040	25	3/8"ID	3/8"ID	–	24	142	–	–	Bi-directional
UAA00030	15	5/16"OD / 1/4"ID	3/16"ID	5/16"OD / 1/4"ID	17.5	134	40	55	Bi-directional
UAA00035	20	5/16"OD / 1/4"ID	5.5mm OD / 3.5mm ID	5/16"OD / 1/4"ID	24	118	45	50	Directional
UAA00045	30	5/16"ID / 1/4"ID	5.5mm OD / 3.5mm ID	5/16"OD / 1/4"ID	24	147	58	50	Directional

\* Outlet cut size is the connection size after cutting the tail pipe to within 25mm of the drier body.

