



Eliminator[®] liquid line filter driers

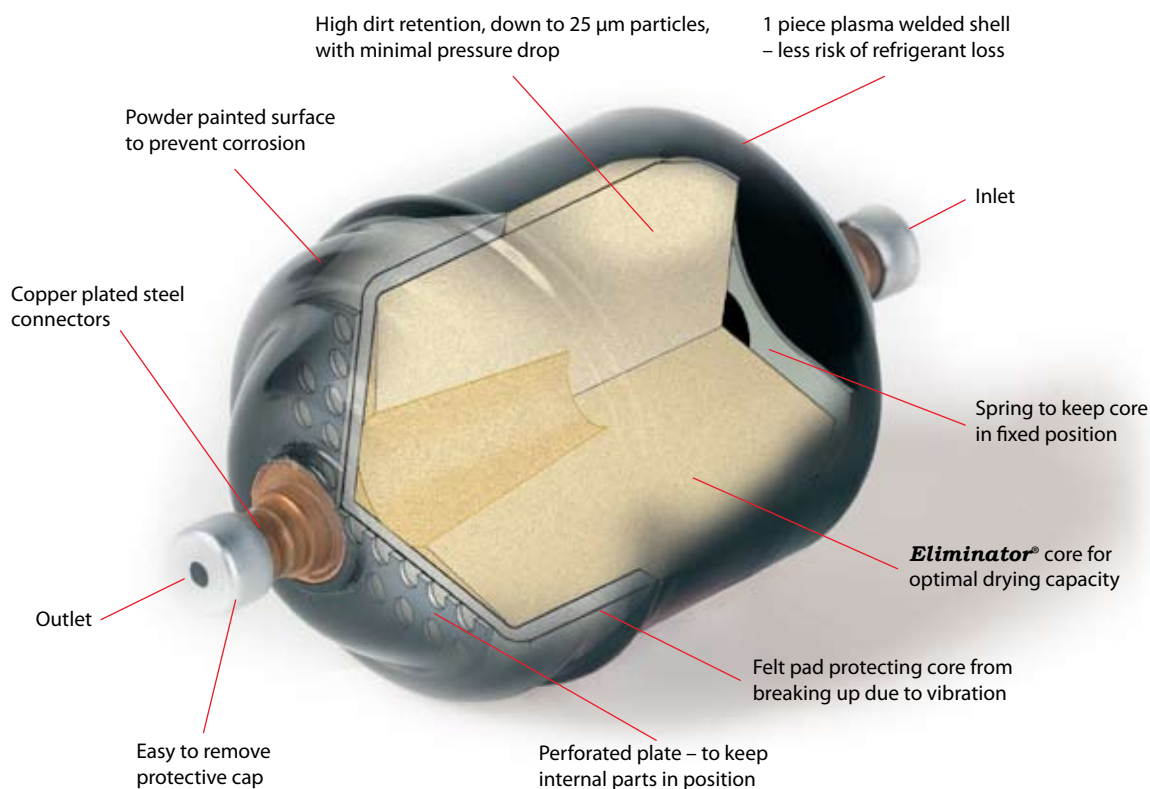
Type DML



DML: Excellent protection of your refrigeration system

The DML liquid line filter driers protect refrigeration and air conditioning systems from moisture, acids and solid particles. The 100% solid molecular sieve core, assures a high drying capacity and avoids acid formation in the system.

Features

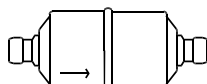


Applications	Advantages	Facts
- Traditional refrigeration - Air conditioning units - Transport refrigeration	- High drying capacity avoiding the risk of acid formation in the refrigeration system. - Driers with flare connections have hard plastic screw type end caps for greater protection and easy removal. Aluminium caps on driers with solder connections. - Wide range with sizes from 3 to 75 cubic inches.	100% 3Å molecular sieve core. - Optimized for HFC refrigerants (R134a, R404A, R410A, etc.) with POE and PAG oils. Compatible with R22. - MWP (PS): up to 42 bar (610 psi). - HCFC & HFC refrigerants. - Available with flare- or solder connectors (copper-plated steel). - Wide range with sizes from 3 to 75 cubic inches. - UL and PED approvals – label indicating internal free volume. - Can be installed in any position provided "the arrow" is in the direction of flow.

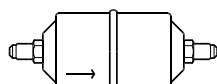
Technical data and ordering

Filter drier

Type	Connection		Solid core		Drying capacity [kg refrigerant] ¹⁾						Liquid capacity in kW ²⁾			Solder		Flare
			Surface [cm ³]	Volume [cm ³]	R134a		R404A R507		R22 R407C R410A		R134a	R404A R507	R22 R407C R410A	Code no. ³⁾	Code no. ³⁾	Code no. ³⁾
	in.	mm			24°C	52°C	24°C	52°C	24°C	52°C				in.	mm	
DML 032	1/4	6	65	41	5.5	5	7.5	4.5	4.5	4	7	5	7	023Z4552⁴⁾	023Z4551⁴⁾	023Z5035⁴⁾
DML 033	3/8	10									17	13	19	023Z4555	023Z4554	023Z5036 ⁴⁾
DML 052	1/4	6	75	65	8.5	8	13	7.5	8	7	7	5	8	023Z4559	023Z4558	023Z5037
DML 053	3/8	10									18	14	19	023Z4562	023Z4561	023Z5038
DML 082	1/4	6									7	5	8	023Z4567	023Z4566	023Z5039
DML 083	3/8	10									19	14	21	023Z4570	023Z4569	023Z5040
DML 084	1/2	12	110	100	12.5	12	20	11.5	12.5	11	26	20	29	023Z4572	023Z4571	023Z5041
DML 085	5/8	16									42	31	46	023Z4573	023Z4573	023Z5073
DML 162	1/4	6									7	5	8	023Z4575	023Z4574	023Z5042
DML 163	3/8	10									22	16	24	023Z4578	023Z4577	023Z5043
DML 164	1/2	12	175	225	27	25.5	43.5	24	27	23	30	22	33	023Z4580	023Z4579	023Z5044
DML 165	5/8	16									43	30	47	023Z4581	023Z4581	023Z5045
DML 166	3/4	19									44	31	48	023Z4582	023Z4582	023Z5046
DML 303	3/8	10									21	15	23	023Z4585	023Z4584	023Z0049
DML 304	1/2	12									31	22	34	023Z4587	023Z4586	023Z0050
DML 305	5/8	16	330	480	57	54	92.5	51	57	48.5	45	33	49	023Z4588	023Z4588	023Z0051
DML 306	3/4	19									62	45	68	023Z4589	023Z4589	023Z0193
DML 307	7/8	22									62	45	68	023Z4590	023Z4590	
DML 414	1/2	12									32	23	35	023Z4594	023Z4593	023Z0109
DML 415	5/8	16	400	650	80	75	130	70	80	74	53	37	58	023Z4595	023Z4595	023Z0110
DML 417	7/8	22									91	65	100	023Z4696	023Z4596	
DML 606	3/4	19									44	32	48	023Z4601	023Z4601	
DML 607	7/8	22	660	960	113	107	185	101	114	97	75	54	82	023Z4602	023Z4602	
DML 609	1 1/8	28									87	64	95	023Z4604	023Z4603	
DML 757	7/8	22	800	1300	160	150	260	140	160	148	82	60	90	023Z4605	023Z4605	
DML 759	1 1/8	28									94	68	102	023Z4607	023Z4606	



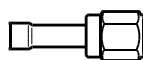
Solder version



Flare version

- ¹⁾ Drying capacity is based on following moisture content test standards before and after drying:
R134a: From 1050 ppm W to 75 ppm W. If drying to 50 ppm W is required, reduce stated capacities by 15%.
R404A, R507: From 1020 ppm W to 30 ppm W.
R407C: From 1020 ppm W to 30 ppm W.
R410A: From 1050 ppm W to 60 ppm W.
R22: From 1050 ppm W to 60 ppm W in accordance with ARI 710-86.
²⁾ Given in accordance with ARI 710-86 for $t_c = -15^\circ\text{C}$ (5°F), $t_c = 30^\circ\text{C}$ (85°F) and $\Delta p = 0.07$ bar (1 psig).
³⁾ Code numbers in bold are normally on stock and a shorter delivery time can therefore be expected.
⁴⁾ Wire mesh in filter drier outlet.

Flare / solder adapter



Type	Connection flare x solder in.	Code no. ³⁾ for 1 pc	Code no. ³⁾ for 2 pcs.	Type	Connection flare x solder mm	Code no. ³⁾ for 1 pc	Code no. ³⁾ for 2 pcs.
FSA 22	1/4 x 1/4	023U8012	023U8002	FSA 26m	1/4 x 6	023U8011	023U8001
FSA 32	3/8 x 1/4	023U8022	-	FSA 36m	3/8 x 6	023U8021	-
FSA 33	3/8 x 3/8	023U8014	023U8004	FSA 310m	3/8 x 10	023U8013	023U8003
FSA 44	1/2 x 1/2	023U8016	023U8006	FSA 412m	1/2 x 12	023U8015	023U8005
FSA 516m	5/8 x 5/8	023U8017	023U8007	FSA 516m	5/8 x 16	023U8017	023U8007
FSA 66	3/4 x 3/4	023U8020	023U8010	FSA 618m	3/4 x 18	023U8019	023U8009

Accessories



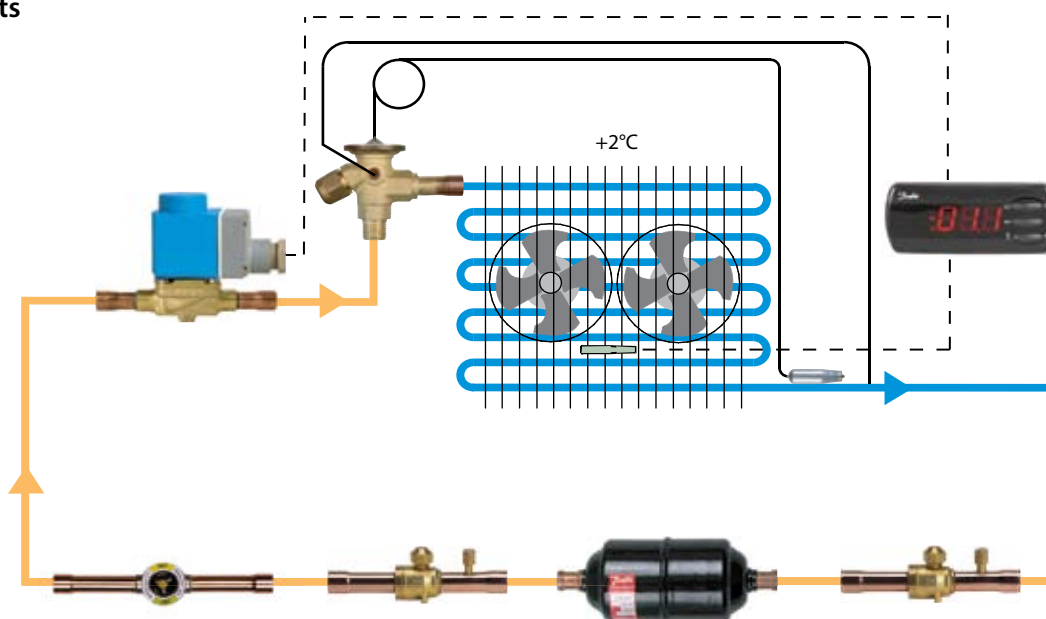
Copper seal	Size	Qty.	Code no. ³⁾	Copper seal	Size	Qty.	Code no. ³⁾
B2 - 4 spec.	1/4 in./6 mm	300	011L4025	B2 -10	5/8 in./16 mm	100	011L4019
B2 - 6	3/8 in./10 mm	300	011L4017	B2 -12	3/4 in./18 mm	50	011L4020
B2 - 8	1/2 in./12 mm	200	011L4018				

Quality in everything we do

DML filter driers are part of the Danfoss filter drier program which covers a wide range of components used in refrigeration systems. Our production utilises state-of-the-art technology and every product is thoroughly tested in accordance with the most demanding standards.

If the component you are looking for is not mentioned in this leaflet or if you have special requirements, Danfoss partner wholesalers or our local Danfoss team can offer you help and guidance and will do their utmost to fulfill your needs.

Related products



The Danfoss filter drier program

				
Standard filter driers	Combi filter driers	Bi-flow filter driers	Burn-out filter driers	Filter driers with replaceable solid core