



DGO REFRIGERATION DRYER

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Refrigeration Dryers

DGO



Technical Data

- Max 16 bar
- 35 - 70°C Inlet
- 230/1/50 or 400/3/50
- Dewpoint 3°C

Refrigerant: R134a (DGO 24-216)
R407C (DGO 300-12000)

Ambient temperature: 5 - 50°C

Air Flows: 24 - 12.000 m3/h

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Ultrafilter would like to introduce the market to a refrigeration dryer, that has high-efficiency, high-reliability and at the same is energy saving.

The new and innovative electronic panel, developed by ATS technical department, allows to control the entire machines functionality, from the simplest to the most complex functions, such as hard alarms.

- Reduced energy consumption thanks to a careful selection of components and management by electronic board.
- Dew point maintained stable at 3°C under any conditions of use thanks to the work carried out simultaneously by both the electronic board and heat exchanger with high efficiency.
- DGO refrigeration dryers are equipped with electronic drain or programmable timer according to needs and requirements.
- Any other type of intelligent drain available upon request.
- The only refrigeration dryer on the market with a thermal protection switch on every model.

Benefits

- Robust structure
- Energy Saving
- For both small and large companies
- Electronic drain
- Thermal protection switch



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Specifications

Model	Flow Rate		Power supply	Refrigerant	Dimensions	Weight	Connection BSP-F
	l/min	m³/h	V / ph / F	Type	W x D x H	kg	
DGO 00024	400	24	230 / 1 / 50	R134a	305 x 373 x 440	18	3/4"
DGO 00036	600	36	230 / 1 / 50	R134a	305 x 373 x 440	18	3/4"
DGO 00054	900	54	230 / 1 / 50	R134a	305 x 373 x 440	19	3/4"
DGO 00078	1.300	78	230 / 1 / 50	R134a	345 x 409 x 480	21	3/4"
DGO 00106	1.767	106	230 / 1 / 50	R134a	345 x 409 x 480	24	3/4"
DGO 00144	2.400	144	230 / 1 / 50	R134a	396 x 462 x 536	27	1"
DGO 00180	3.000	180	230 / 1 / 50	R134a	396 x 462 x 536	35	1"
DGO 00216	3.600	216	230 / 1 / 50	R134a	396 x 462 x 536	41	1"
DGO 00300	5.000	300	230 / 1 / 50	R407C	538 x 538 x 684	55	1 1/2"
DGO 00365	6.083	365	230 / 1 / 50	R407C	527 x 627 x 1123	72	1 1/2"
DGO 00480	8.000	480	230 / 1 / 50	R407C	527 x 627 x 1123	78	1 1/2"
DGO 00660	11.000	660	230 / 1 / 50	R407C	675 x 716 x 1548	151	2"
DGO 00780	13.000	780	230 / 1 / 50	R407C	675 x 716 x 1548	153	2"
DGO 00800	13.333	800	400 / 3 / 50	R407C	675 x 716 x 1548	175	2"
DGO 01000	16.667	1.000	400 / 3 / 50	R407C	675 x 716 x 1548	190	2 1/2"
DGO 01300	21.667	1.300	400 / 3 / 50	R407C	675 x 716 x 1548	193	2 1/2"
DGO 01800	30.000	1.800	400 / 3 / 50	R407C	657 x 1156 x 1709	265	3"
DGO 02400	40.000	2.400	400 / 3 / 50	R407C	657 x 1156 x 1709	280	3"
DGO 02700	45.000	2.700	400 / 3 / 50	R407C	657 x 1156 x 1709	300	DN100
DGO 03600	60.000	3.600	400 / 3 / 50	R407C	657 x 1156 x 1709	536	DN100/125
DGO 04800	80.000	4.800	400 / 3 / 50	R407C	1056 x 1406 x 1765	573	Dn125/150
DGO 06000	100.000	6.000	400 / 3 / 50	R407C	1056 x 1406 x 1765	610	DN150
DGO 07200	120.000	7.200	400 / 3 / 50	R407C	2225 x 1406 x 1765	855	DN150
DGO 08400	140.000	8.400	400 / 3 / 50	R407C	2225 x 1406 x 1765	892	DN200
DGO 09600	160.000	9.600	400 / 3 / 50	R407C	2225 x 1406 x 1765	929	DN200
DGO 10800	180.000	10.800	400 / 3 / 50	R407C	2225 x 1406 x 1765	966	DN250
DGO 12000	200.000	12.000	400 / 3 / 50	R407C	2225 x 1406 x 1765	1.003	DN250

Correction factor:

Working pressure	bar	4	5	6	7	8	10	12	14
Correction factor	K1	0,77	0,86	0,93	1,00	1,05	1,14	1,21	1,27

Inlet temperature	°C	25	30	35	40	45	50	55	60	65	70
Correction factor	K2	1,2	1,12	1,00	0,83	0,69	0,59	0,50	0,44	0,39	0,37

Ambient temperature	°C	25	30	35	40	45	50
Correction factor	K4	1,00	0,96	0,90	0,82	0,72	0,60

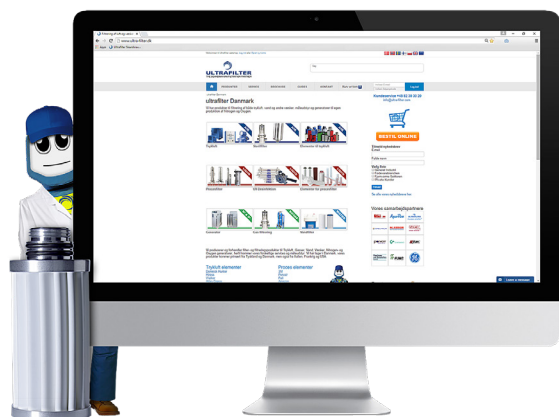
Dewpoint	°C	3	5	7	10
Correction factor	K3	1,00	1,09	1,19	1,37



THE SCANDINAVIAN FILTRATION PARTNER

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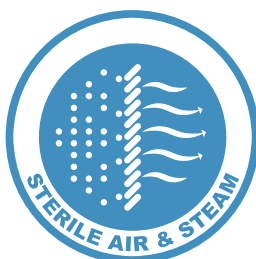
ABOUT US

Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter group. Our production facility is in Germany and we have several subsidiaries in Europe and the United States.

You can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website (www.ultra-filter.com).

We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you. We also offer on going service on our products once they are installed.



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