

Model DFS Dry Filter

Product Description

- Model DFS dry filter is used on the liquid piping of refrigeration and air conditioning unit to dry refrigerant (absorb water from system) and filter the solid from system in order to protect the refrigeration and air conditioning system for an efficient and safety operation.
- Model DFS dry filter is composed of 100% 3A molecular sieve and 25um filter cartridge.
- Model DFS dry filter's molecular sieve is 100% 3A solid filter cartridge. This solid filter is used for HFC and HCFC refrigerants and synthesized polyester oil (POE or PAG) system.



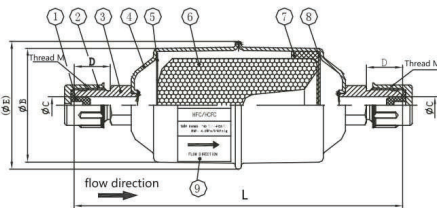
Features

- 100% 3A filter cartridge with powerful drying capacity, not mutual mobile, avoid the powder production.
- With a filter fineness of 25 μm. Corrosion resistant powder coating

finish is applicable to various environments. Threaded connection and welded connection is normal design and customer design is available. Could be mounted in any desirable direction.

Configuration

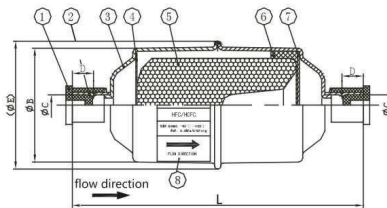
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|--------------------------|--------------------------|
| Thread: | Soldering: |
| 1.rubber plug | 1.rubber plug hat |
| 2.thread cap | 2.weiding pipe |
| 3.steel connector | 3.steel cup |
| 4.steel cup | 4.barrier |
| 5.barrier | 5.solid filter cartridge |
| 6.solid filter cartridge | 6.filter pad |
| 7.filter pad | 7.filter net |
| 8.filter net | 8.label |
| 9.label | |



Flare

Technical Parameters

Applicable Refrigerant:	HCFC, HFC
Applicable Medium Temperature:	-40°C~+120°C
Maximum Working Pressure:	4.5MPa
Maximum Test Pressure:	6.75MPa



Welding

Product Model				
Flare				
Model				Size
DFS-052	---	---	---	1/4 SAE
DFS-053	DFS-083	DFS-163	---	3/8 SAE
---	DFS-084	DFS-164	DFS-304	1/2 SAE
---	DFS-085	DFS-165	DFS-305	5/8 SAE
---	---	---	DFS-306	3/4 SAE
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Product Model				
Welding				
Model				Size
DFS-052S	-----	-----	-----	1/4ODF
DFS-053S	DFS-083S	DFS-163S	-----	3/8ODF
-----	DFS-084S	DFS-164S	DFS-304S	1/2ODF
-----	DFS-085S	DFS-165S	DFS-305S	5/8ODF
-----	-----	-----	DFS-306S	3/4ODF
-----	-----	-----	DFS-307S	7/8ODF
-----	-----	-----	DFS-309S	1-1/8ODF

SAE Flare connection

型号 Model	接口 Connection	ΦB	ΦC	D	ΦE	L	S	螺纹 Thread M
DFS-032	1/4 SAE	Φ43	Φ4.8	14	Φ46	110	14	7/16-20UNF
DFS-033	3/8 SAE	Φ43	Φ8	17	Φ46	119	16	5/8-18UNF
DFS-052	1/4 SAE	Φ54	Φ4.8	14	Φ57	118	14	7/16-20UNF
DFS-053	3/8 SAE	Φ54	Φ8	17	Φ57	127	16	5/8-18UNF
DFS-083	3/8 SAE	Φ54	Φ8	17	Φ57	152	16	5/8-18UNF
DFS-084	1/2 SAE	Φ54	Φ10	19	Φ57	159	19	3/4-16UNF
DFS-085	5/8 SAE	Φ54	Φ13	23.5	Φ57	170	22	7/8-14UNF
DFS-163	3/8 SAE	Φ75	Φ8	17	Φ79	159	16	5/8-18UNF
DFS-164	1/2 SAE	Φ75	Φ10	19	Φ79	166	19	3/4-16UNF
DFS-165	5/8 SAE	Φ75	Φ13	23.5	Φ79	177	22	7/8-14UNF
DFS-304	1/2 SAE	Φ79	Φ10	19	Φ79	256	19	3/4-16UNF
DFS-305	5/8 SAE	Φ79	Φ13	23.5	Φ79	267	22	7/8-14UNF
DFS-306	3/4 SAE	Φ79	Φ16	25	Φ79	268	27	1-1/16-UNS

ODF Welding connection

型号 Model	接口 Connection	ΦB	ΦC	D	ΦE	L
DFS-032S	1/4 ODF	Φ43	Φ6.5	8	Φ46	99
DFS-033S	3/8 ODF	Φ43	Φ9.7	9	Φ46	101
DFS-052S	1/4 ODF	Φ54	Φ6.5	8	Φ57	107
DFS-053S	3/8 ODF	Φ54	Φ9.7	9	Φ57	109
DFS-083S	3/8 ODF	Φ54	Φ9.7	9	Φ57	134
DFS-084S	1/2 ODF	Φ54	Φ12.8	11	Φ57	142
DFS-085S	5/8 ODF	Φ54	Φ16.1	11	Φ57	142
DFS-163S	3/8 ODF	Φ75	Φ9.7	9	Φ79	142
DFS-164S	1/2 ODF	Φ75	Φ12.8	11	Φ79	150
DFS-165S	5/8 ODF	Φ75	Φ16.1	11	Φ79	150
DFS-304S	1/2 ODF	Φ79	Φ12.8	11	Φ79	239
DFS-305S	5/8 ODF	Φ79	Φ16.1	11	Φ79	239
DFS-306S	3/4 ODF	Φ79	Φ19.1	12	Φ79	244
DFS-307S	7/8 ODF	Φ79	Φ22.3	15	Φ79	250
DFS-309S	1-1/8 ODF	Φ79	Φ28.7	16	Φ79	259