

Filter Driers



Castel

DF3 Series – Liquid Line Filter Driers

The DF3 liquid line filter driers are a solid core 100% molecular sieve design and are suitable for HCFC, HFC, HFO AND HC refrigerants. The DF3 series provide superlative water capacity while providing good de-acidifying characteristics. The shape of the block maximises the surface area to the incoming fluid. The design pressure is 50 bar.



Cat. No.	Part No.	Model No.	Flare Connection	Water Capacity @ +24°C grams			Liquid Flow Capacity @ 7 kPa Pressure Drop kW		
				R134a	R404A, R507	R410A	R134a	R404A	R410A
2708660	DF303/2	032	1/4"	5.2	5.3	4.6	7.1	5.1	7.6
2708662	DF303/3	033	3/8"	5.2	5.3	4.6	16.7	12.1	17.7
2708665	DF305/2	052	1/4"	13.4	13.6	11.9	7.5	5.4	7.9
2708667	DF305/3	053	3/8"	13.4	13.6	11.9	17.5	12.6	18.5
2708670	DF308/2	082	1/4"	22.8	23.3	20.3	7.3	5.3	7.8
2708672	DF308/3	083	3/8"	22.8	23.3	20.3	19.4	14.0	20.5
2708674	DF308/4	084	1/2"	22.8	23.3	20.3	23.5	16.9	24.9
2708676	DF316/2	162	1/4"	30.4	31.0	27.1	8.2	5.9	8.7
2708677	DF316/3	163	3/8"	30.4	31.0	27.1	19.5	14.0	20.6
2708679	DF316/4	164	1/2"	30.4	31.0	27.1	25.2	18.1	26.6
2708681	DF316/5	165	5/8"	30.4	31.0	27.1	33.6	24.2	35.6
2708686	DF330/3	303	3/8"	71.3	72.9	63.6	20.4	14.7	21.6
2708689	DF330/4	304	1/2"	71.3	72.9	63.6	28.6	20.6	30.3
2708691	DF330/5	305	5/8"	71.3	72.9	63.6	37.1	26.7	39.2
2708696	DF341/4	414	1/2"	98.7	100.0	87.9	36.4	26.2	38.6
2708698	DF341/5	415	5/8"	98.7	100.0	87.9	42.1	30.3	44.6
2708700	DF341/6	416	3/4"	98.7	100.0	87.9	66.4	47.8	70.3

Cat. No.	Part No.	Model No.	Solder Connection	Water Capacity @ +24°C grams			Liquid Flow Capacity @ 7 kPa Pressure Drop kW		
				R134a	R404A, R507	R410A	R134a	R404A	R410A
2708661	DF303/2S	032S	1/4"	5.2	5.3	4.6	9.2	6.7	9.8
2708663	DF303/3S	033S	3/8"	5.2	5.3	4.6	17.1	12.3	18.1
2708666	DF305/2S	052S	1/4"	13.4	13.6	11.9	11.6	8.4	12.3
2708668	DF305/3S	053S	3/8"	13.4	13.6	11.9	18.1	13.0	19.2
2708671	DF308/2S	082S	1/4"	22.8	23.3	20.3	11.2	8.0	11.8
2708673	DF308/3S	083S	3/8"	22.8	23.3	20.3	19.9	14.3	21.0
2708675	DF308/4S	084S	1/2"	22.8	23.3	20.3	24.9	17.9	26.4
2708678	DF316/3S	163S	3/8"	30.4	31.0	27.1	21.4	15.4	22.7
2708680	DF316/4S	164S	1/2"	30.4	31.0	27.1	29.6	21.4	31.4
2708682	DF316/5S	165S	5/8"	30.4	31.0	27.1	35.2	25.4	37.3
2708683	DF316/7S	167S	7/8"	30.4	31.0	27.1	45.3	32.6	48.0
2708687	DF330/3S	303S	3/8"	71.3	72.9	63.6	22.1	15.9	23.4
2708690	DF330/4S	304S	1/2"	71.3	72.9	63.6	37.1	26.7	39.2
2708692	DF330/5S	305S	5/8"	71.3	72.9	63.6	43.5	31.3	46.0
2708694	DF330/7S	307S	7/8"	71.3	72.9	63.6	50.0	36.0	52.9
2708695	DF330/9S	309S	1 1/8"	71.3	72.9	63.6	50.0	36.0	52.9
2708697	DF341/4S	414S	1/2"	98.7	100.0	87.9	37.8	27.2	40.0
2708699	DF341/5S	415S	5/8"	98.7	100.0	87.9	59.0	42.5	62.5
2708701	DF341/6S	416S	3/4"	98.7	100.0	87.9	66.4	47.8	70.3
2708606	DF341/7S	417S	7/8"	98.7	100.0	87.9	70.9	51.1	75.1

Water capacity: ARI Standard 710-2004 and DIN 8949:2000