

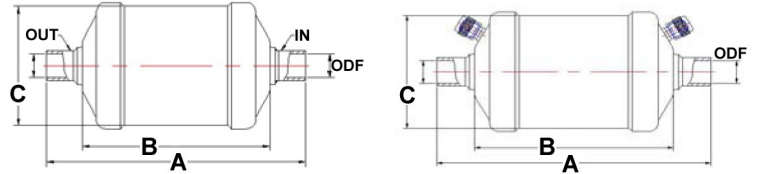
GemTech Filter Driers

Filter Driers are solid core molded type, using a drying agent for maximum filtering to keep the cooling system protected from contamination of harmful liquid and solid pollutants.



Characteristics

- Applicable for CFC, HCFC, and HFC refrigerants such as R22, R407C, R410A
- Solid core desiccant
- High moisture and acid removal capacity
- Solid copper fittings
- Powder coated finish is rated for 1000 hours
- ODF or SAE joints are available
- 680 PSIG design pressure



Ordering Information

Part Number	Connection Size	Dimensions (in)		
		A	B	C
GTLLD083	3/8 SAE	6.34	4.05	2.50
GTLLD083S	3/8 ODF	6.18		
GTLLD163	3/8 SAE	7.13		
GTLLD163S	3/8 ODF	6.97		
GTLLDBF083	3/8 SAE	6.34		
GTLLDBF083S	3/8 ODF	6.18		
GTLLDBF163	3/8 SAE	7.13	4.83	3.00
GTLLDBF163S	3/8 ODF	6.97		
GTSLD165S	5/8 ODF	7.36		
GTSLD166S	3/4 ODF	7.36		
GTSLD167S	7/8 ODF	7.99		
GTSLD305S	5/8 ODF	9.80		
GTSLD306S	3/4 ODF	9.80		
GTSLD307S	7/8 ODF	10.43		
GTSLD309S	1-1/8 ODF	10.98		

Capacity Tables

	Part Number	Connection	Flow Capacity @ 3 PSIG (In Tons of Refrig)			Water Capacity Drops of Water					
			R22	R407C	R410A	R22		R407C		R410A	
						75°F	125°F	75°F	125°F	75°F	125°F
LIQUID LINE	GTLLD083	3/8 SAE	4.6	4.5	4.6	150	140	150	140	150	140
	GTLLD083S	3/8 ODF	5.2	5.0	5.2						
	GTLLD163	3/8 SAE	4.8	4.7	4.8	295	280	295	280	295	280
	GTLLD163S	3/8 ODF	5.3	5.2	5.3						
LIQUID BI FLOW	GTLLDBF083	3/8 SAE	4.6	4.5	4.6	150	140	150	140	150	140
	GTLLDBF083S	3/8 ODF	5.2	5.0	5.2						
	GTLLDBF163	3/8 SAE	4.8	4.7	4.8	295	280	295	280	295	280
	GTLLDBF163S	3/8 ODF	5.3	5.2	5.3						
SUCTION LINE	GTSLD165S	5/8 ODF	3.9	3.8	4.8	295	280	295	280	295	280
	GTSLD166S	3/4 ODF	4.2	4.1	5.2						
	GTSLD167S	7/8 ODF	4.2	4.1	5.2						
	GTSLD305S	5/8 ODF	4.2	4.0	5.1	550	540	610	570	610	570
	GTSLD306S	3/4 ODF	7.0	6.8	8.7						
	GTSLD307S	7/8 ODF	7.0	6.8	8.7						
	GTSLD309S	1-1/8 ODF	7.2	7.0	8.9						

Liquid Refrigerant Holding Capacity-Ounces

Unit Size	R22		R407C		R410A	
	75°F	125°F	75°F	125°F	75°F	125°F
05	4.6	4.2	4.4	3.9	4.1	3.5
08	7.7	6.9	7.3	6.4	6.9	5.8
16	14.2	12.7	13.5	11.8	12.6	10.6
30	21.0	18.7	20.0	17.4	19.6	16.5