

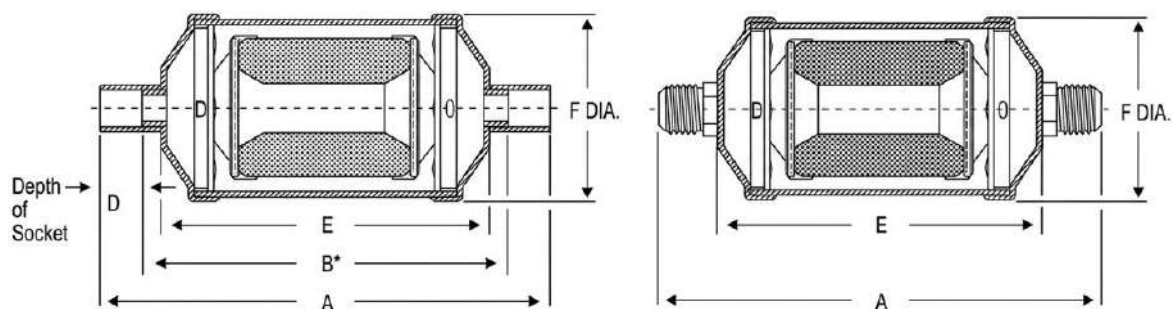
BIDIRECTIONAL FILTER WITH SOLID CORE

The SFK series bidirectional liquid-line filter drier is manufactured with a high-quality sintered desiccant module made of small spherical particles, combined with a high-density filter mesh. It incorporates a check valve at each end, allowing impurities to be trapped in reverse flow and providing drying and filtration functions. In this way, it effectively filters residual moisture and debris present in the system.



Features

- High-strength sintered desiccant module made of small spherical particles, designed to operate without vibration or friction and to reduce desiccant wear.
- High moisture and acid removal capacity.
- Combines drying and filtering functions; incorporates a check valve at both ends, allowing impurities to be trapped during bidirectional operation.
- Filtration rating: 20 microns.
- Minimum pressure-drop design to help improve system energy efficiency during operation.
- Corrosion-resistant epoxy powder coating; salt spray test exceeding 500 hours.
- Two connection types: ODF (solder) and SAE (threaded). To facilitate soldering, the ODF connection uses TP2 copper reserve.
- Suitable for various refrigerants: R-12, R-134a, R-22, R-404A, R-407C, R-410A, R-32, R-500, R-502 and R-507, etc.
- Maximum working pressure: 4.7 MPa / 680 psi. UL and CE certified.



Dimensions and Capacity Table

	Solder connection	SAE threaded connection	R-22 Capacity (TR)	R-410A Capacity (TR)	R-407C Capacity (TR)	A mm	B mm	D mm	E mm	F mm		
4899148000 TYPE SFK-052S	1/4		2.2	2.2	2.2	120.4	89.40	15.50	84.60	63.50		
4849141301 TYPE SFK-082		1/4	1.7	1.7	1.7	148			103	63.50		
4899141300 TYPE SFK-082S	1/4		2.5	2.5	2.4	139	108	15.50	103	63.50		
4849381300 0 TYPE SFK-83		3/8	4.5	4.5	4.4	158			103	63.50		
4849381301 TYPE SFK-083S	3/8		5.1	5.1	5.0	141	109	16	103	63.50		
4849121301 TYPE SFK-084		1/2	6.4	6.4	6.3	162			103	63.50		
4849121300 TYPE SFK-084S	1/2		8.1	8.1	7.9	142.5	111	15.75	103	63.5		
4849582501 TYPE SFK-165		5/8	8.3	8.3	8.1	182.6			112.5	76.20		
4849582500 TYPE SFK-165S	5/8		8.7	8.7	8.5	152	122.4	015	112.5	76.20		