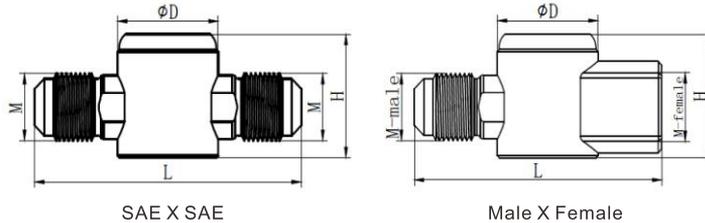
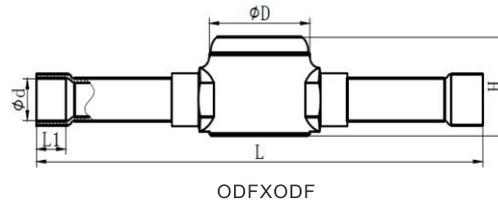


LFSG

Sight glass



Model naming LFSG-a-b a stands for pipe size, b stands for pipe form.

a can be 4(1/4"),6(3/8"),8(1/2"),10(5/8"),12(3/4"),14(7/8"),18(1 -1/8").

b can be no=ODF ODF 1=SAE SAE 2=Male Femal

Model	Pipe size	L	L1	H	D	d	M	Male	Female
LFSG-4	1/4"	100	7	23	26.5	6.5		—	
LFSG-4-1		64	—	23	26.5	—		7/16-20UNF	
LFSG-4-2		59	—	24.5	26.5	—		—	
LFSG-6	3/8"	118	8	23	26.5	10.1		—	
LFSG-6-1		70	—	23	26.5	—		5/8-18UNF	
LFSG-6-2		65	—	29	26.5	—		—	
LFSG-8	1/2"	144	10	28	26.5	12.8		—	
LFSG-8-1		78	—	28	26.5	—		3/4-16UNF	
LFSG-8-2		70	—	31.5	26.5	—		—	
LFSG-10	5/8"	150	14	31	26.5	16.1		—	
LFSG-10-1		78	—	31	26.5	—		7/8-14UNF	
LFSG-10-2		78	—	37	30	—		—	
LFSG-12	3/4"	166	16	34	31.5	19.1		—	
LFSG-12-1		94	—	34	31.5	—		1-1/16-14UNF	
LFSG-14	7/8"	172	17	37	31.5	22.3		—	
LFSG-18	1-1/8"	212	18	42	31.5	28.7		—	

The sight glass is used on the liquid pipeline of the refrigeration and air-conditioning unit. It is installed behind the dryer to detect the flow of the refrigerant, the water content in the refrigerant and the flow of the lubricating oil in the oil return line of the oil separator. It is equipped with a wetness indicator, and the water content is displayed intuitively by color.

Product features:

- High-precision color-changing indicator and wide-angle clear glass cover ensure accurate identification.
- Brass welding, strong and corrosion-resistant, explosion-proof press fit to ensure safety.
- The sealing parts are made of high-performance PTFE, and 100% leakage test is conducted to ensure no leakage.
- Design of circular indicating paper, cancellation of adapter, low pressure loss.
- The connection has optional screw and weld, and is compatible with HCFC, HFC and corresponding lubricating oil.

Technical Parameters

General	Value
Applicable refrigerant	Commonly used refrigerants such as HCFC and HFC.
Max. working pressure	4.5MPa
Max. proof pressure	6.8MPa
Ambient temperature range	-50°C ~ +80°C
Applicable Medium Temperature	-40°C ~ +80°C

Comparison table of refrigerant with water content and color

Medium	Water content PPM(one in a million)					
	25°C			43°C		
	Green/dry	Intermediate color/warning	Yellow/moist	Green/dry	Intermediate color/warning	Yellow/moist
R22/R502	<30	30~120	>120	<50	50~200	>200
R134a	<30	30~100	>100	<45	45~170	>170
R404a	<20	20~70	>70	<25	25~100	>100
R407C	<30	30~140	>140	<60	60~225	>225
R507	<15	15~60	>60	<30	30~110	>110
R401A	<66	66~266	>266	<135	135~540	>540
R410A	<60	60~280	>280	<75	75~420	>420