

Sight glasses
SG series

Introduction



SG series sight glasses are used to show:

- 1) The condition of the refrigerant in the plant liquid line.
- 2) The moisture content in the refrigerant.
- 3) The flows in the oil return line from the oil separator.

SG series sight glasses are fitted with an indicator which changes color to show the moisture content in the refrigerant.

The indicator shows dark blue while containing low water, and shows pink while containing much water. In case of showing pink, you have to look for what is cause from or change filter drier in system.

Technical data

Max. working pressure
3.5MPa
Max. working temperature
80°C
Available medium
R134a、R22、R407C and R404A/R507

Ordering

Model	SG	WW	1/2
Explanations	Valve code	WW= ODF×ODF SS= Flare×Flare SF= Female flare×Male flare SU= Female flare×Female flare swivel nuts UU= Female flare swivel nuts WD= Straight thru configuration	Connection dimension (in.)

Notes: The model SGWW1/2 is an example in the table.

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Type & data

Connection form	Model	Connection Dimension (in.)	Dimension (mm)		
			Length	Wide	Height
Solder ODF	SGWW1/4	1/4"	120	35	35
	SGWW3/8	3/8"	120	35	35
	SGWW1/2	1/2"	120	35	35
	SGWW5/8	5/8"	145	35	40
	SGWW3/4	3/4"	160	35	40
	SGWW7/8	7/8"	160	35	40
	SGWW1-1/8	1-1/8"	160	35	40
Flare nuts	SGSS1/4	1/4"	80	35	35
	SGSS3/8	3/8"	95	35	35
	SGSS1/2	1/2"	95	35	35
	SGSS5/8	5/8"	110	35	35

Notes: SGSF, SGSU, SGUU, SGWD series are special types, Please consult Shanghai Fengshen Refrigeration Controls Company.

Dimension

