

Installation guide

Sight glass

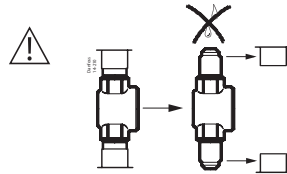
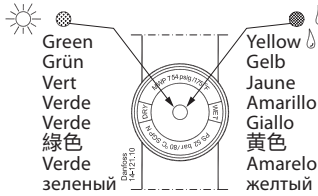
Type SGP X, SGP I, SGP N, SGP RX, SGP RI, SGP RN, SGR, SG, SGN, SGRN

Refrigerant: For a complete list of approved refrigerants, visit <http://store.danfoss.com/> and search for individual code numbers, where refrigerants are listed as part of product details.
For the application use with R744 as part of a secondary loop or cascade system should refer to the datasheet for more attentions.

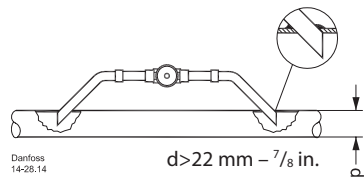
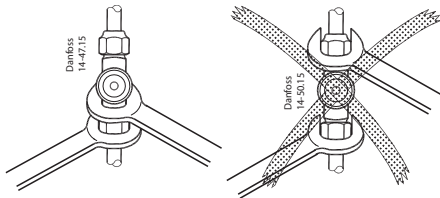
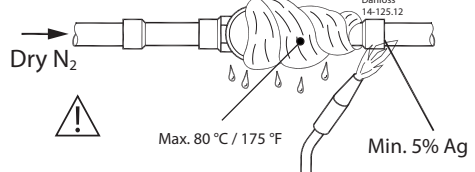
Applicable to A1, A2, A2L and A3 refrigerants as accepted by Danfoss, excluding R717 and to non-corrosive gases/liquids dependent on sealing material compatibility. The design pressure shall not be less than the value outlined in section 9.2 of ANSI/ ASHRAE 15 for the refrigerant used in the system.

Media temperature: $T_{min.} : -50\text{ }^{\circ}\text{C} / -58\text{ }^{\circ}\text{F}$
 $T_{max.} : +80\text{ }^{\circ}\text{C} / +175\text{ }^{\circ}\text{F}$

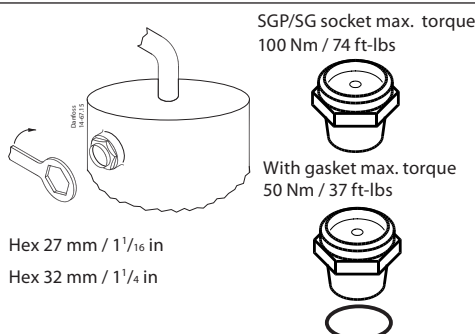
Max. working Pressure (PS / MWP): SGP: 52 bar / 754 psig
SG: 35 bar / 508 psig



Type	W		W	
	mm	in.	mm	in.
SGP/SG flare 6	14	9/16	16	5/8
SGP/SG flare 10	19	3/4	22	7/8
SGP/SG flare 12	22	7/8	24	15/16
SGP/SG flare 16	27	1 1/16	27	1 1/16
SGP/SG flare 19	32	1 1/4	32	1 1/4



Max. torque		
Size	Nm	ft-lbs
1/4 in / 6 mm	20	15
3/8 in / 10 mm	30	22
1/2 in / 12 mm	60	44
5/8 in / 16 mm	100	74
3/4 in / 19 mm	200	148



Sight glass type SGP X, SGP I, SGP N, SGP RX, SGP RI, SGP RN, SGR, SGI, SGN, SGRN

 SGP flare/face seal/socket connections are only approved for A1 and A2L refrigerants. All Danfoss products fulfill the requirements in REACH. One of the obligations in REACH is to inform customers about presence of Candidate list substances if any, we hereby inform you about one substance on the candidate list: A moisture indicator in a sight glass contains a paper which is impregnated with Cobalt Dichloride (CAS no: 7646-79-9) in a concentration above 0.1% w/w. If the valve has been damaged or dismantled: - Avoid skin contact with the paper - Do not inhale the dust from the paper - The paper must be disposed as hazardous waste	 SGP 螺纹/面密封/套口型仅能用于丹佛斯已验证的A1和A2L制冷剂。 所有丹佛斯产品都符合REACH的要求。REACH中的义务之一是通知客户关于候选清单上物质的存在，因此我们特此通知您关于在候选名单上的一个物质： 视液镜中的湿度指示器含有浸着二氯化钴的试纸 (CAS 号:7646-79-9)，其浓度质量比大于0.1%。如果阀被损坏或拆卸时： - 避免皮肤与试纸接触 - 不要吸入试纸上的粉尘 - 试纸必须作为危险废物处置