

Installation guide

Shut-off ball valve for R744 (45 bar/650 psi)

Type GBC 6s to GBC 54s

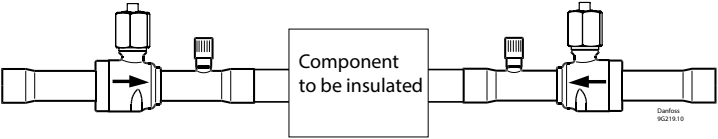
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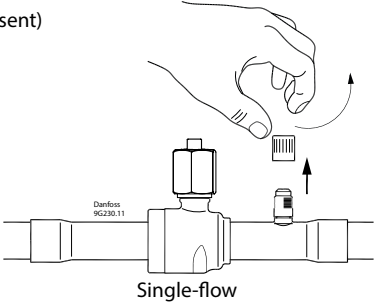
Refrigerant: R744 (CO ₂)	Max. working pressure (PS/MWP): 45 bar/650 psi
Temperature range: -40 – 150 °C / -40 – 300 °F	

Applicable to all common non-flammable refrigerants, excluding R717. Also for noncorrosive 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.

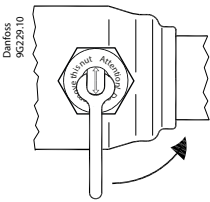
Warning: Only authorized persons are allowed to operate this valve, as closing can cause build-up of excessive pressure in the system.
For the application use with R744 as part of a secondary loop or cascade system should refer to the datasheet for more attentions.



- 1 Remove access cap (if present)

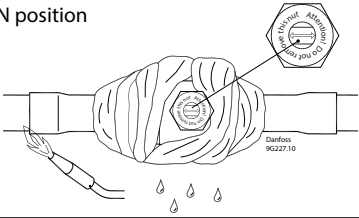


- 2 Opening valve

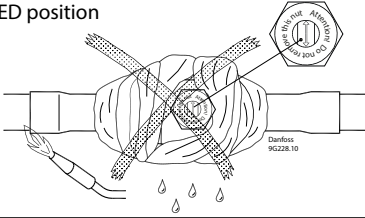


Valve size	Max. Torque	
	Nm	ft-lbs
6s - 22s	7	5.2
28s	17	12.6
35s	20	14.8
42s - 54s	34	25.2

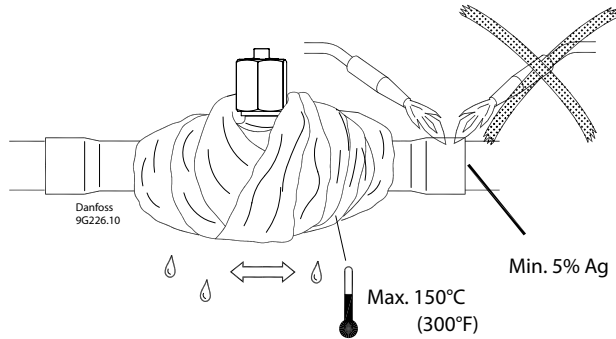
OPEN position



CLOSED position



3 Brazing



4 Install Schrader valve and cap (if present)

