

Installation guide

Shut-off ball valve

Type GBC 6s H to GBC 42s H

009R9516

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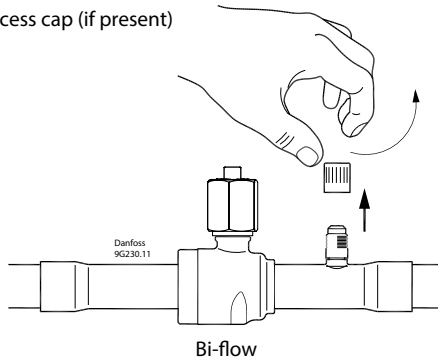
Refrigerant: R744 (CO ₂)	Max. working pressure: GBC 6s H - 28s H: PS/MWP = 90 bar / 1305 psig GBC 35s H - 42s H: PS/MWP = 75 bar / 1088 psig
Temperature range: -40 °C - 100 °C / -40 °F - 212 °F	



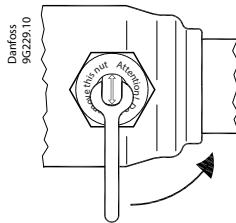
Warning: Only authorized persons are allowed to operate this valve, as closing can cause build-up of excessive pressure in the system.

For the application use with R744 as part of a secondary loop or cascade system should refer to the datasheet for more attentions.

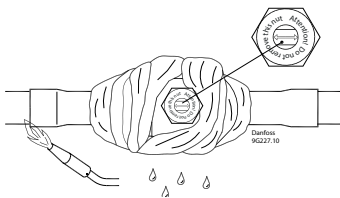
- 1** Remove cap and access cap (if present)



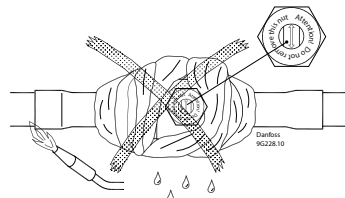
- 2** Opening valve



Valve size	Max. Torque	
	Nm	ft-lbs
6s - 16s	10	7.4
18s - 22s	13	9.6
28s	26	19.2
35s	27	19.9
42s	48	35.4

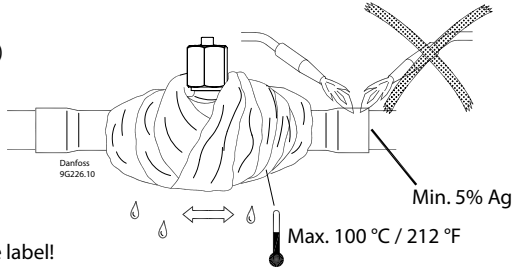


OPEN position



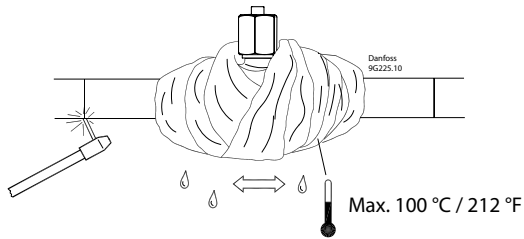
CLOSED position

3 Brazing
(Copper and Copper alloy)



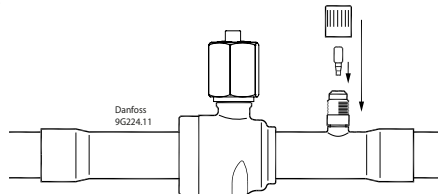
⚠ Wet cloth must cover the label!

3 Welding (stainless steel)



⚠ Wet cloth must cover the label!

4 Install Schrader valve and cap (if present)



Install Schrader valve with approx. torque 0.3 Nm / 0.2 ft-lbs

