

Installation guide

Shut-off ball valve

Type GBC 6s H to GBC 42s H

009R9505

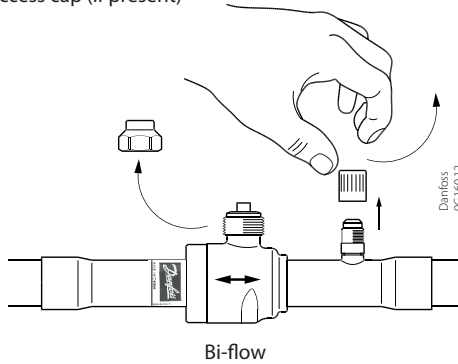
009R9505

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	



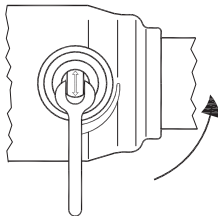
Warning: Only authorized persons are allowed to operate this valve, as closing can cause build-up of excessive pressure in the system.

- 1 Remove cap and access cap (if present)

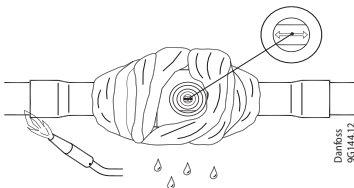


- 2 Opening valve

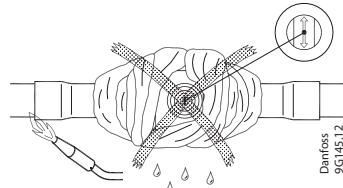
Danfoss
9G162.13



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

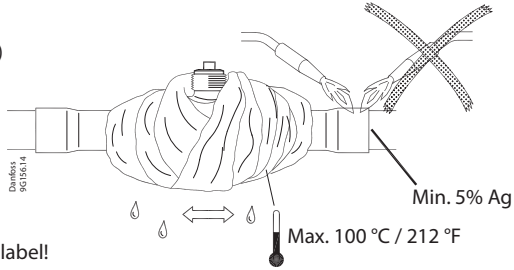


OPEN position



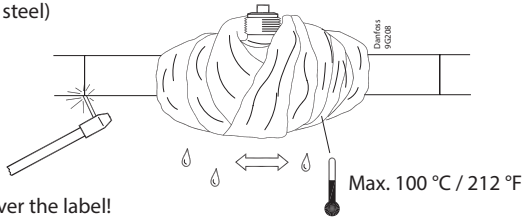
CLOSED position

3 Brazing
(Copper and Copper alloy)



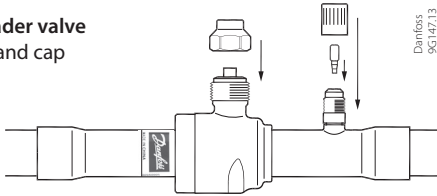
Wet cloth must cover the label!

3 Welding (stainless steel)



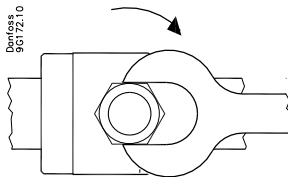
Wet cloth must cover the label!

4 Install Schrader valve
(if present) and cap



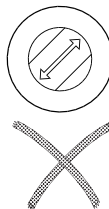
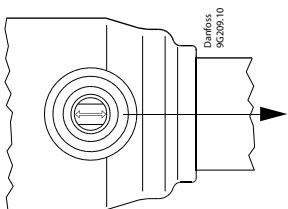
Install Schrader valve
with approx. torque
0.3 Nm / 0.2 ft-lbs

5 Tighten cap

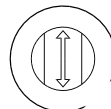


Tighten the cap with approx. torque

Valve size	Max. Torque	
	Nm	ft-lbs
6s - 22s	15	11.0
28s - 35s	20	14.8
42s	32	23.6



Fully closed



Fully open

