

Installation guide

Shut-off ball valve

Type GBC (90bar)



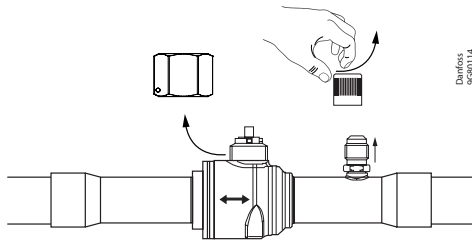
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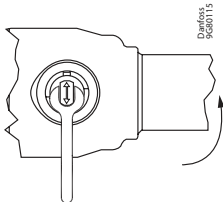
Refrigerants: R 744 (CO₂)
 Max. working pressure(PS/MWP): 90 bar / 1305 psig
 Media temperature range: -40 °C - 100°C /-40 °F - 212°F

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.

Remove cap and access cap (if present)



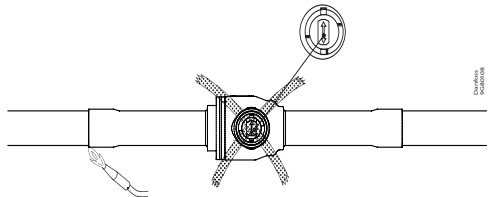
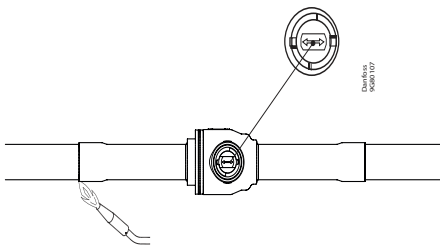
Opening valve



Valve size	Max. torque	
	Nm	ft-lbs
6s - 22s	7	5.2
25s - 28s	26	19.2
35s	27	19.9
42s	48	35.4

OPEN Position

CLOSED Position



Імпортер:ТОВ з іі "Данфосс ТОВ" 04080, Київ 80, п/с 168, Україна

Info for UK customers only: Danfoss Ltd., 22 Wycombe End, HP9 1NB, GB

1

6s-12s: Max. 10 sec.
16s: Max. 20 sec.

2

6s-12s: Max. 5 sec.
16s: Max. 10 sec.

No need for wet cloth during brazing

3 N₂ gas from opposite side of soldering point.

Min. 5% Ag

Max. 100 °C (212 °F)
Max. 150 °C (300 °F)
Max. 850 °C (1562 °F)

Install Schrader valve (if present) and cap

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

Tighten cap

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Tighten the cap with approx. torque

Valve size	Max. Torque	
	Nm	ft-lbs
6s - 12s	10	7.4
16s - 22s	15	11.0
25s - 35s	20	14.8
42s	32	23.6

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	Fully closed	Fully open

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