ЮГОВ -Проект
інженерно-виробниче підприємство
Офіційний дистриб'ютор Danfoss в Україні
ugov.ua
ENGINEERING TOMORROW

Installation guide

Thermostatic expansion valves

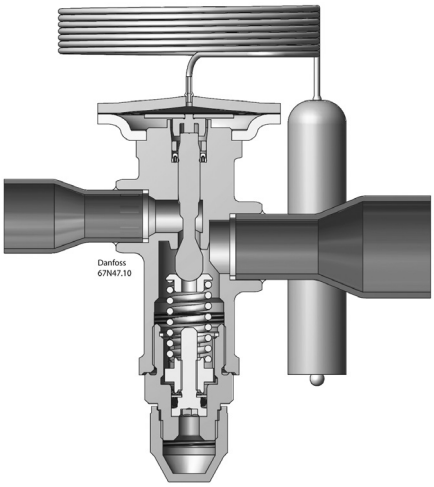
Type TGE 10, TGE 20 and TGE 40

067R9603

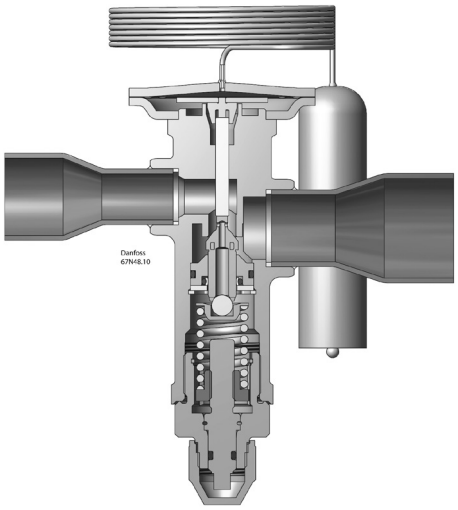
Refrigerants:	**Max. working pressure:**	**Max. test pressure:**
R410A, R32, R452B, R454B, R22, R134a, R1234ze, R407F, R407A, R404A, R507, R407C and R290 For complete list of approved refrigerants, go to www.danfoss.com	PS/MWP = 46 bar / 667 psig	P_{test} = 51 bar / 740 psig

067R9603

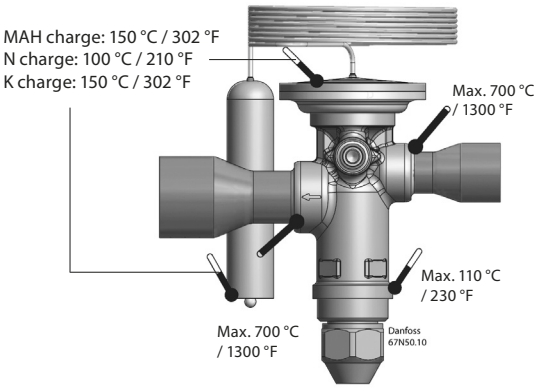
⚠ Note: Only solder version, connection sizes 28 mm / 1 $^{1}/_{8}$ inch and below are approved for flammable refrigerants.
This product is approved for R290 by ignition source assessment in accordance to standard EN13463-1.

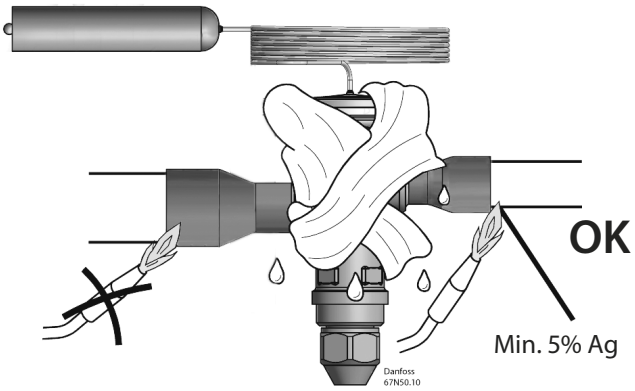


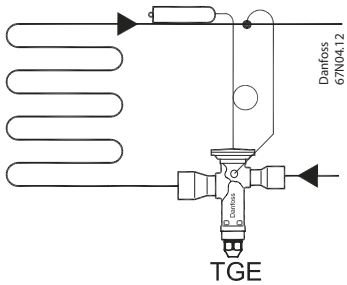
TGE 10 Balanced port design

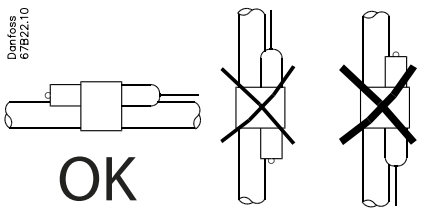


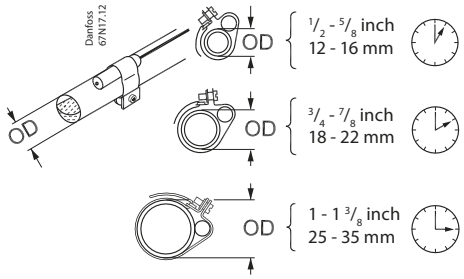
TGE 20 / TGE 40 Double balanced port design

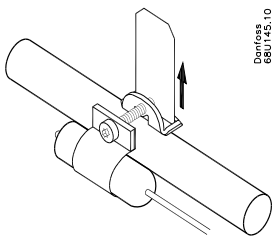


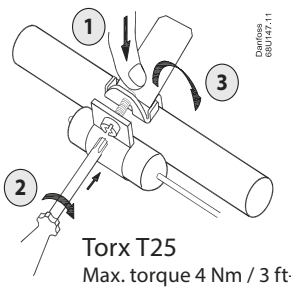




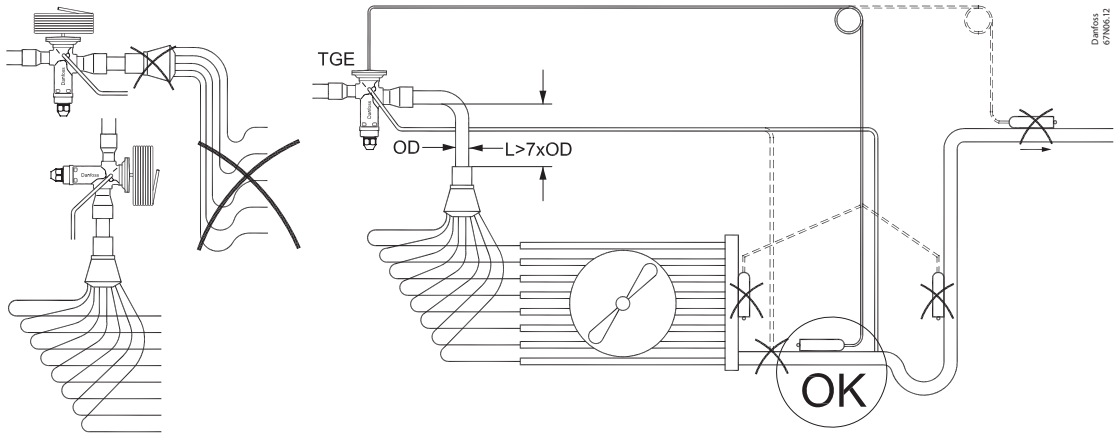


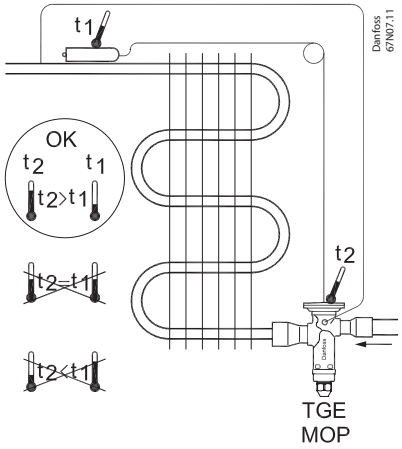


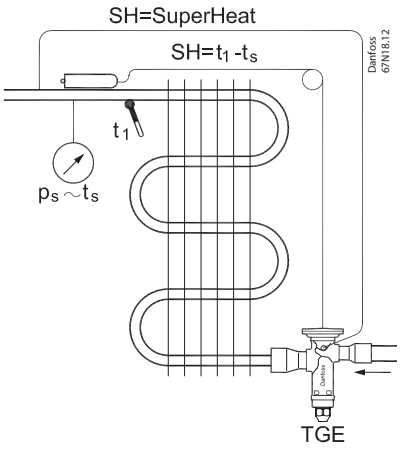




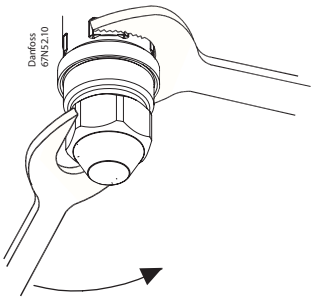
Torx T25
Max. torque 4 Nm / 3 ft-lbf







1

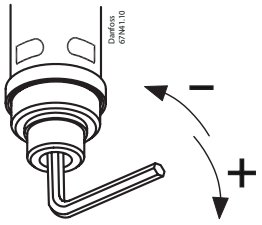


⬡ = 19 mm / 3/4 inch

Static superheat (SS) adjustment

2

TGE 10

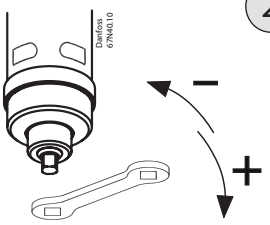


Max. torque
3 Nm / 2.2 ft-lbf

4 mm / 5/32 inch

TGE 20 / TGE 40

2

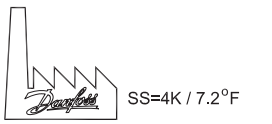


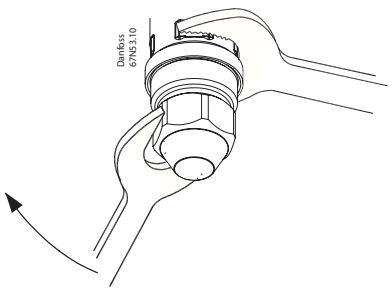
Max. torque
3 Nm / 2.2 ft-lbf

4.8 mm / 3/16 inch

TGE 10:	ΔSH/360°C ≈ 1°C / 1.8 °F
TGE 20:	ΔSH/360°C ≈ 1.5°C / 2.7 °F
TGE 40:	ΔSH/360°C ≈ 1.5°C / 2.7 °F

3





Torque = 10 Nm / 7ft-lbf