

Installation guide

Thermostatic expansion valve Type TR 6

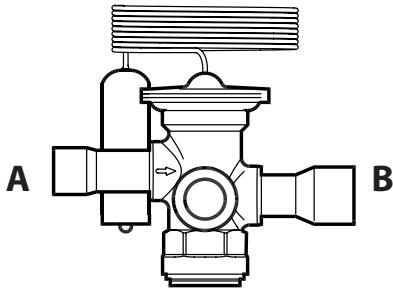
067R9508

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Refrigerants:
R22/R407C and R410A

Max. working pressure:
PS / MWP = 42 bar / 610 psig

Max. test pressure:
47 bar / 680 psig



Fixed setting

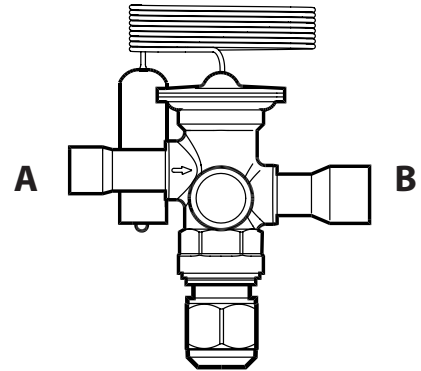
Flow direction:

→
Normal: A → B

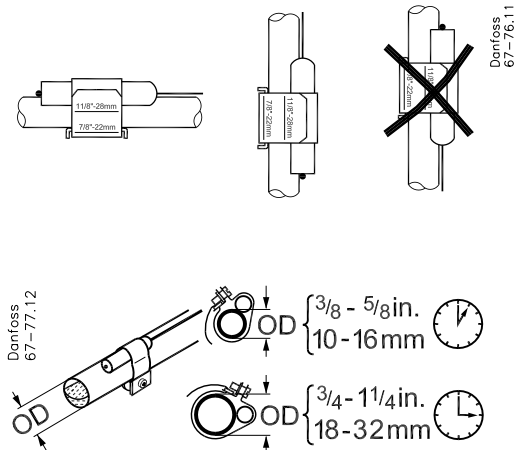
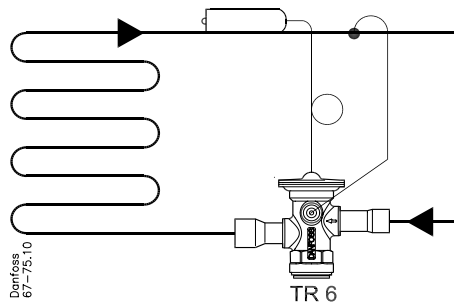
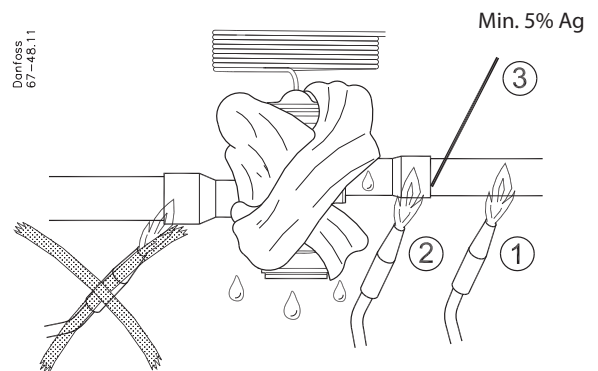
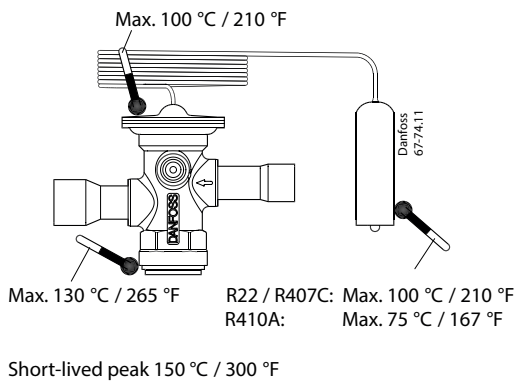
←
Reverse: B → A

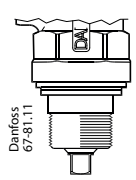
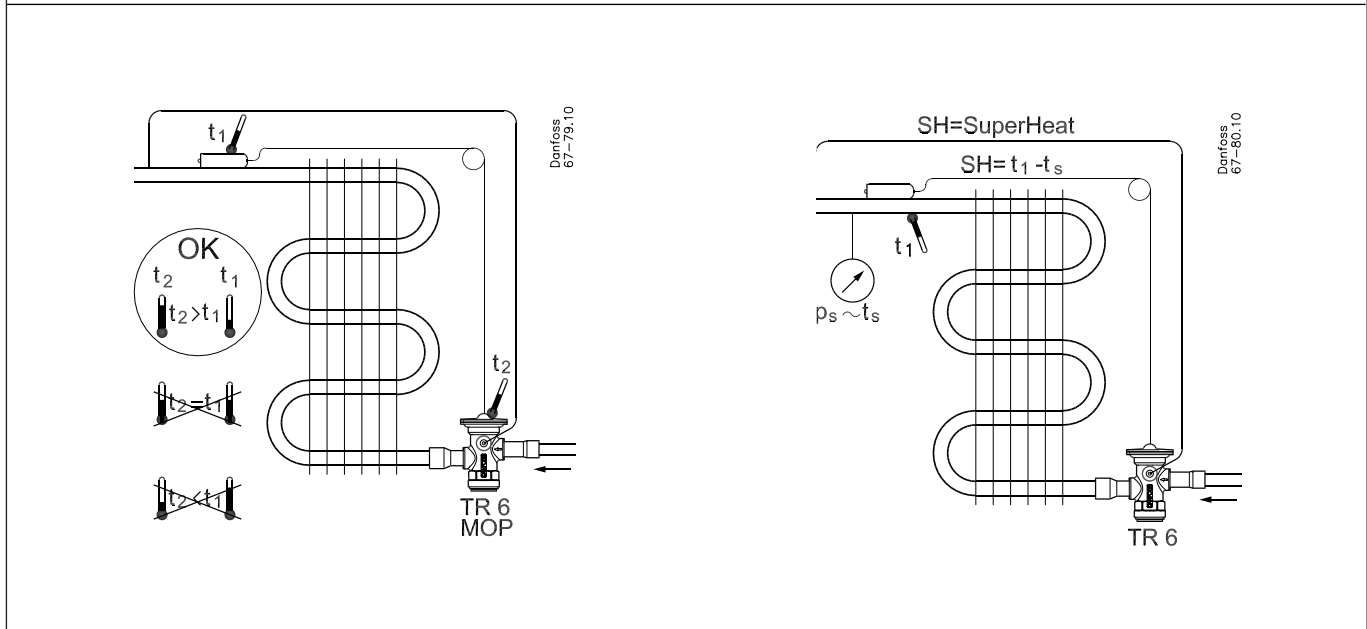
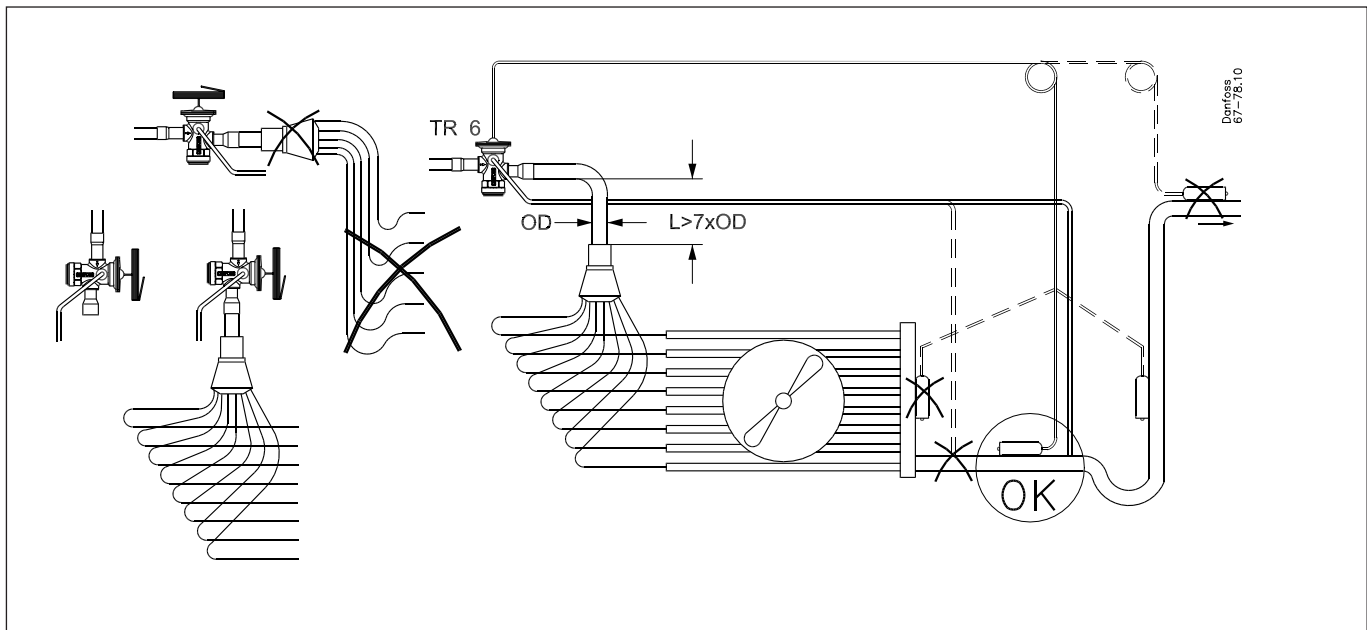
$Q_{nom. A \rightarrow B} [kW / TR] = 100\%$

$Q_{nom. B \rightarrow A} [kW / TR] = 80\%$

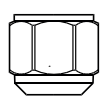


Adjustable setting



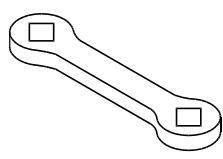


Danfoss
67-81.11



⬡ = 19 mm / 3/4 in.

Torque = 10 Nm / 7 ft-lb



Δ SH / 1 turn / 360° ≈
R22 / R407C: 1.0 °C / 1.8 °F
R410A: 0.8 °C / 1.1 °F

Factory setting

SS = 2 °C / 3.6 °F or according to customer specification

Refrigerant	Number of turns from SS to tight spring	Number of turns from SS to loose spring
R22 / R407C	+7.25	-4.25
R410A	+9.5	-2