

Installation guide

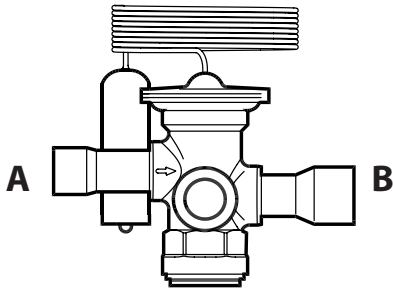
Thermostatic expansion valve Type TR6

Refrigerants:

R22/R407C, R410A, R32 and R454B

Max. working pressure:

PS / MWP = 49 bar / 711 psig



Fixed setting

Flow direction:



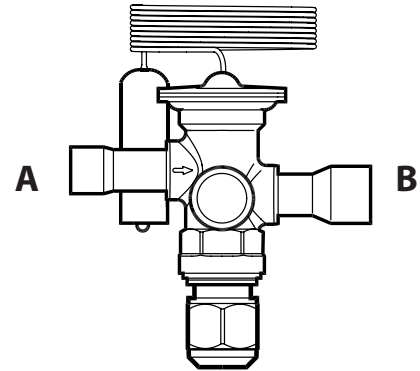
Normal: A → B



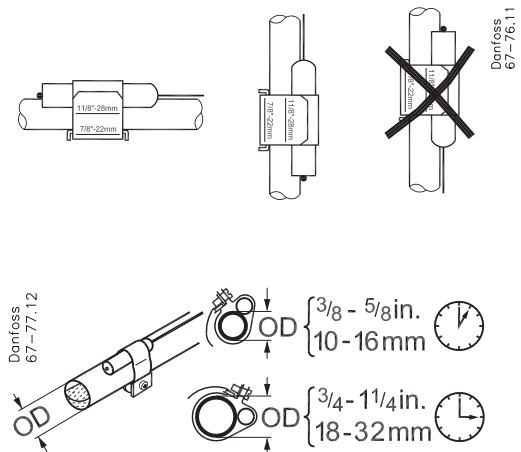
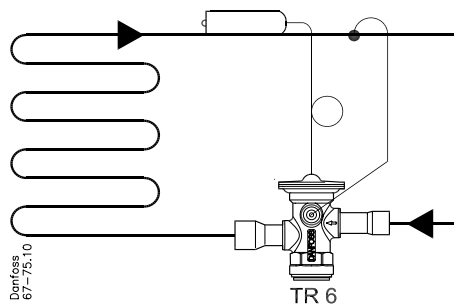
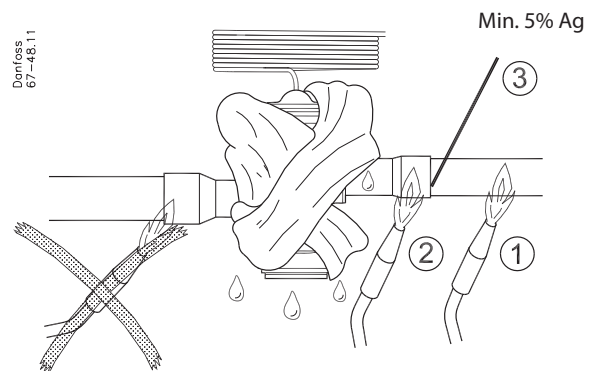
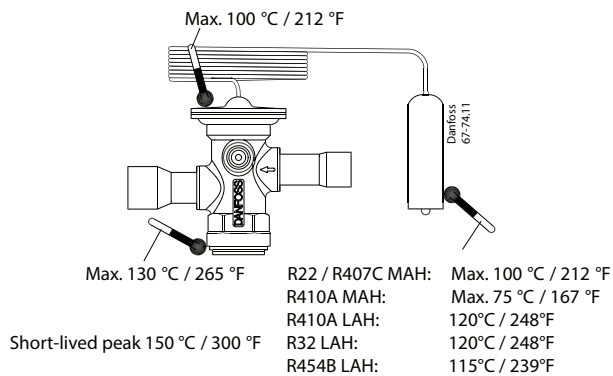
Reverse: B → A

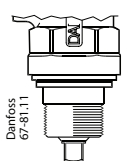
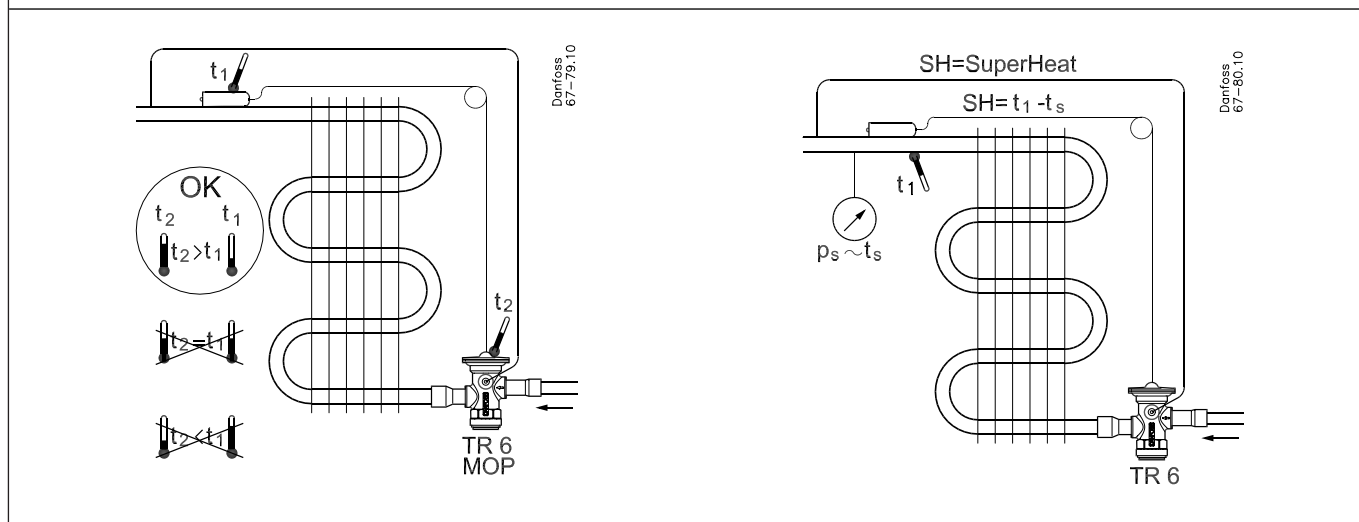
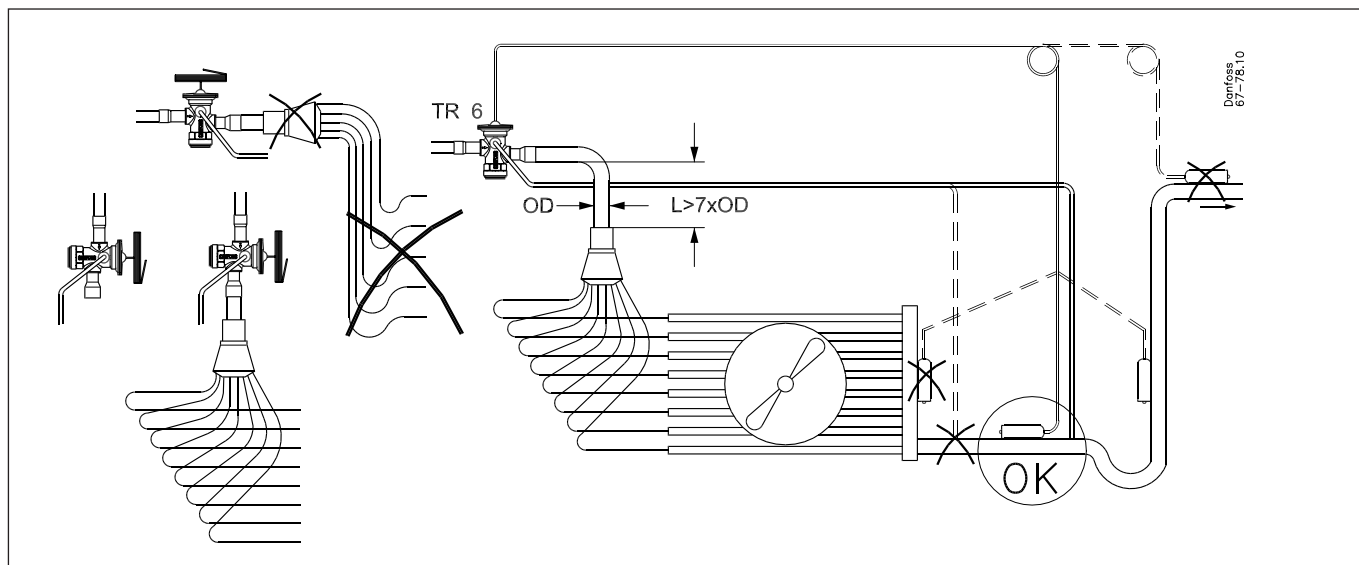
$Q_{nom. A \rightarrow B} [kW / TR] = 100\%$

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



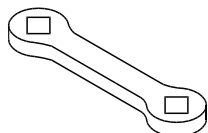
Adjustable setting





Hexagon = 19 mm / 3/4 in.

Torque = 10 Nm / 7 ft-lb



$\Delta SH / 1 \text{ turn} / 360^\circ \approx$

R22 / R407C MAH: 1.0 °C / 1.8 °F
 R410A MAH: 0.8 °C / 1.1 °F
 R410A LAH: 1.4 °C / 2.5 °C
 R32 LAH: 1.4 °C / 2.5 °C
 R454B LAH: 1.3 °C / 2.3 °F

Factory setting

R22/R407C MAH

SS = 4 K or according to customer specification

R410A MAH & LAH

SS = 3 K or according to customer specification

R32 LAH

SS: 3K or according to customer specification

R454B LAH

SS: 3K or according to customer specification

Refrigerant	Number of turns from SS to tight spring 	Number of turns from SS to loose spring 
R22 / R407C MAH	+7.25	-4.25
R410A MAH	+9.5	-2
R410A LAH	+4.75	-4
R32 LAH	+5.25	-3.5
R454B LAH	+4	-4.25

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