

Installation guide

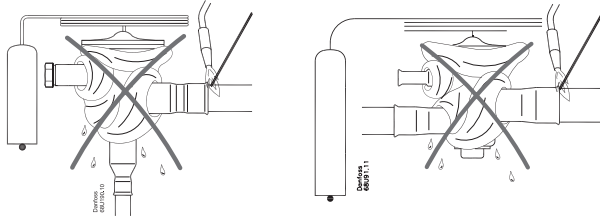
Thermostatic expansion valves

Type TU and TC

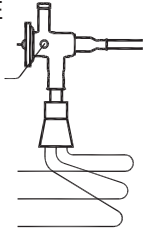
068R9543



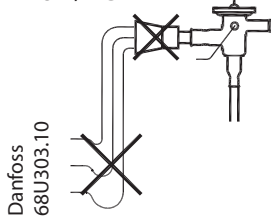
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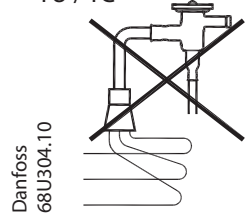
TUE / TCE



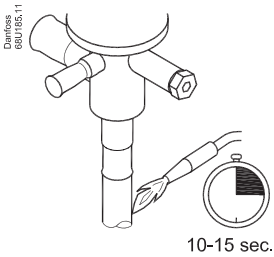
TUE / TCE



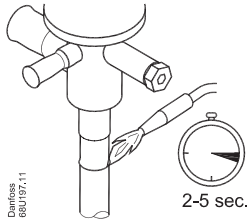
TU / TC



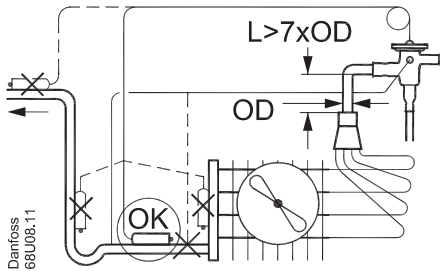
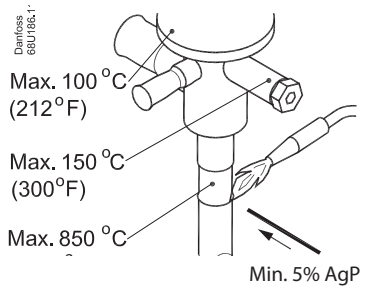
1

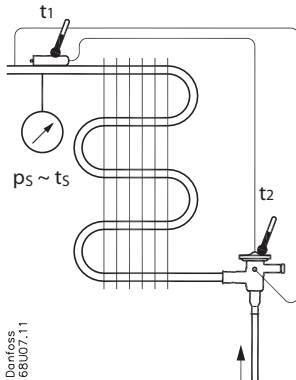
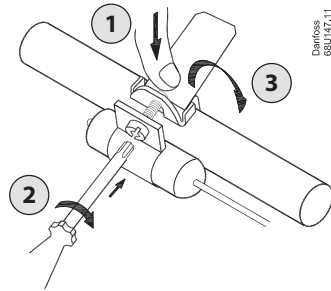
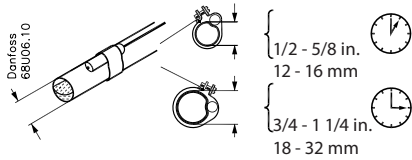


2



3

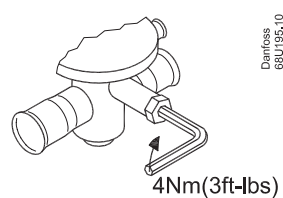
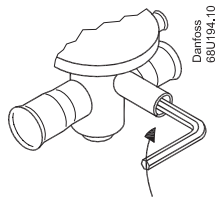
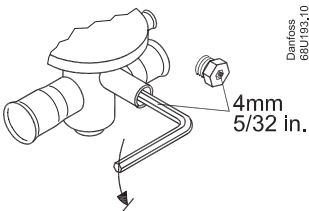




TU/TCMOP: $t_2 > t_1$
 Superheat SH = $t_1 - t_s$

Factory setting
 Static superheat:

N, B: 4 °C (7 °F)
 NMOP, NM: 4 °C (7 °F)
 BMOP: 4 °C (7 °F)



TU

| R22 R407C | R134a R513A | R404A R507 R410A | ΔSS 1 × |
|--------------|----------------|------------------------|--------------------|
| | N | | 2 °C (3.6 °F) |
| N | NM | N,B | 2.5 °C (4.5 °F) |
| NM,B | | NM | 3 °C (5.4 °F) |

TC

| R22 R407C | R134a R513A | R404A R507 | R410A | ΔSS 1 × |
|--------------|----------------|---------------|-------|--------------------|
| | N | | | 1 °C (1.8 °F) |
| N | NM | N,B | N,B | 1.5 °C (2.7 °F) |
| NM,B | | NM | NM | 2 °C (3.6 °F) |

Temperature ranges:

N = -40 - 10 °C / -40 - 60 °F

NM = -40 - -5 °C / -40 - 25 °F

B = -60 - -25 °C / -75 - -15 °F