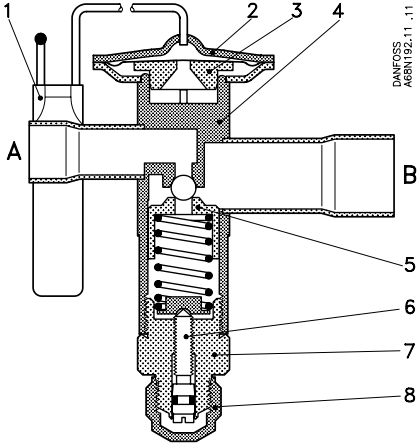


R 22  
 PB = 28 bar / MWP = 400 psig  
 p<sub>test</sub> = max. 32 bar (460 psig)



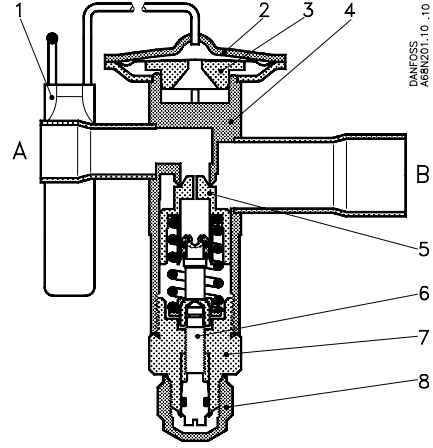
Single port design (TDE)

Flow direction:

Normal: A → B

Reverse: B → A

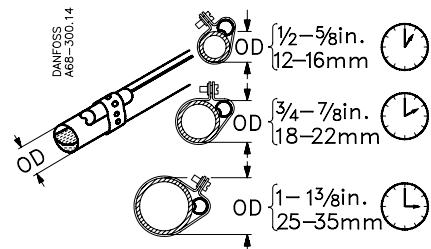
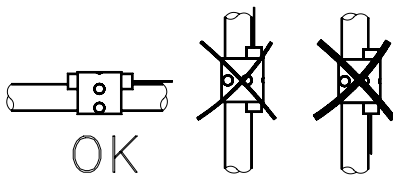
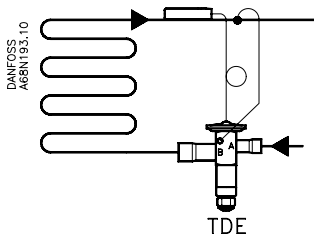
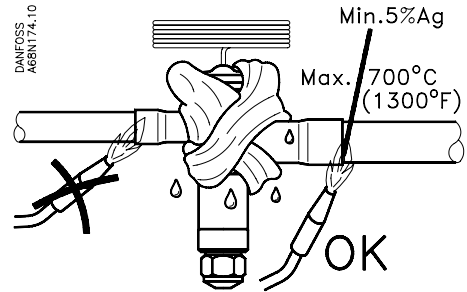
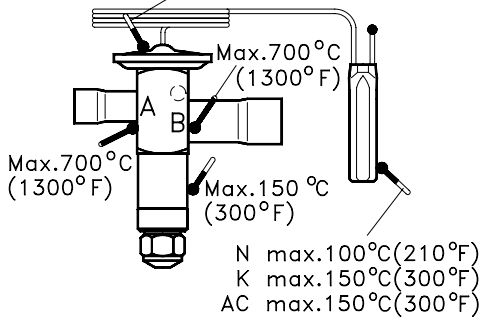
Q<sub>nom.</sub> A → B [kW] = 100%  
 Q<sub>nom.</sub> B → A [kW] = 80%

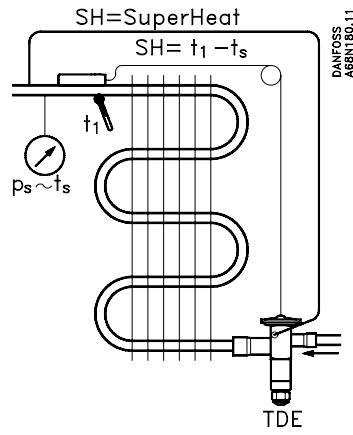
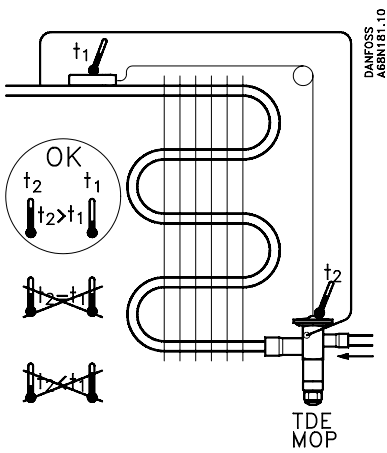
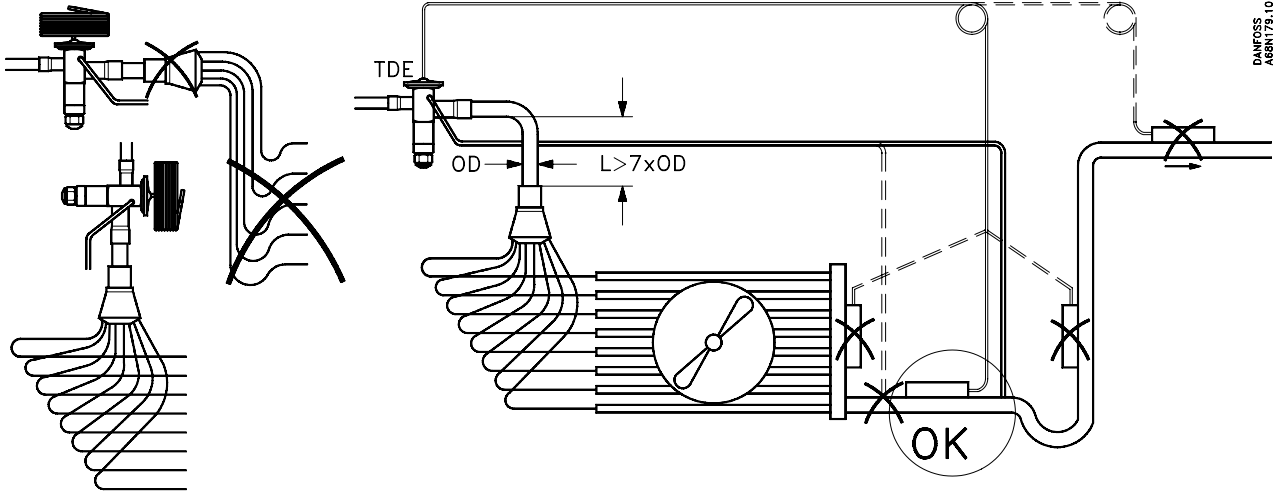


Balanced port design (TDEB)  
 (used for biflow)

TDE 3 - 7.5 = 3 → 7.5 TR / 10.5 → 26 kW  
 TDE 8 - 19 = 8 → 19 TR / 28 → 66.5 kW  
 TDEB 8 - 19 = 8 → 19 TR / 28 → 66.5 kW  
 TDEB 20 - 40 = 20 → 40 TR / 70 → 140 kW

Range {  
 N max. 100°C (210°F)  
 K max. 150°C (300°F)  
 AC max. 150°C (300°F)





### Superheat adjustment



DANFOSS  
ABN194.13

$\oplus \ominus$ $\Delta SH / 360^\circ$ (R 22)	TDE3-7.5 $\approx 2.1^\circ\text{C}$ (3.8°F)
	TDE8-19 $\approx 1.9^\circ\text{C}$ (3.4°F)
	TDEB8-19 $\approx 1.9^\circ\text{C}$ (3.4°F)
	TDEB20-40 $\approx 1.3^\circ\text{C}$ (2.3°F)

SH

### Returning superheat to factory setting

