



Danfoss KP 61 Thermostat Installation Guide

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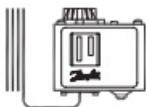


KP 61 Thermostat Installation Guide

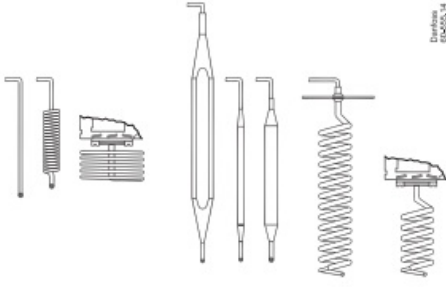
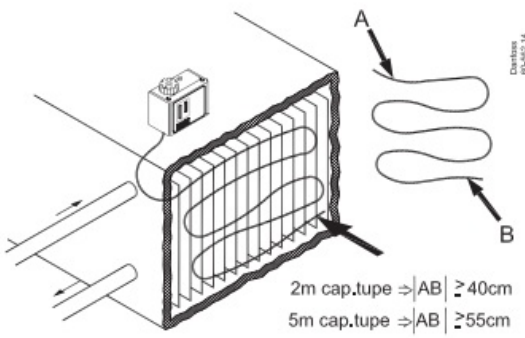
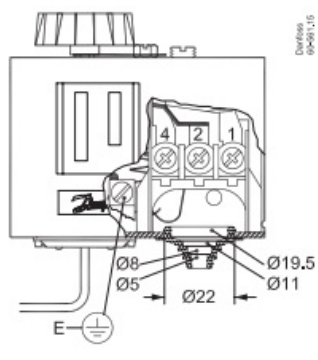
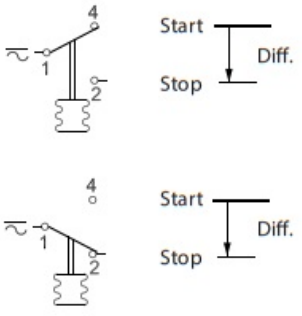
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KP 61 Thermostat



KP 61, KP 62, KP 63, KP 68, KP 69 vapour charge
KP 62, KP 71, KP 73, KP 75, KP 77, KP 78, KP 79, KP 81, KP 85 adsorption charge (cross ambient)

 Vapour charge Adsorption charge Vapour charge $t_2 \geq t_1 + 2^{\circ}\text{C} (3.5^{\circ}\text{F})$	 Max. KP 62, KP 71, KP 73 : 80 °C (175 °F) KP 75 : 110 °C (230 °F) KP 77 : 130 °C (265 °F) KP 78, KP 79 : 150 °C (300 °F) KP 81 : 200 °C (390 °F) KP 85 : 300 °C (572 °F) Max : 120 °C (250 °F) min. -40 °C (-40 °F) max. 65 °C (150 °F)  2m cap.tupe $\Rightarrow AB \geq 40\text{cm}$ 5m cap.tupe $\Rightarrow AB \geq 55\text{cm}$
	 M4 (8-32 UNC) Drip proof IP30 (EN 60529) max. 3 mm (1/8 in.)
 Start Stop Diff.	

Electrical rating – General

LR 112A	AC 1: 16A	400 V	D C 11 12 W 220 V
	AC 3: 16A		
	AC 15: 10 A		



Listed refrigeration controller 61B5

Voltage		FL A	LR A	Resist. Load	Pilot duty
A C	DC				
24 0 12 0		8	48	8 A	3 A
		16	96	16 A	
	240				12 W

Use copper wire only
Tightening torque 20 lb. in.

* not applying for KP 85



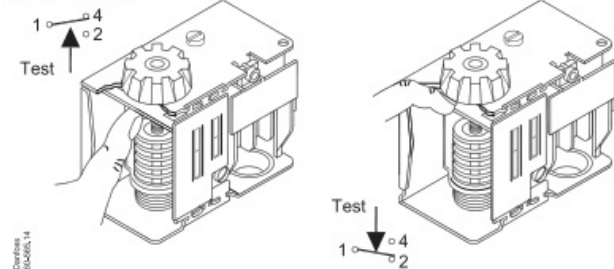
CAUTION:

Disconnect the power supply before wiring connections are made or serviced to avoid possible electrical shock or damage to equipment.

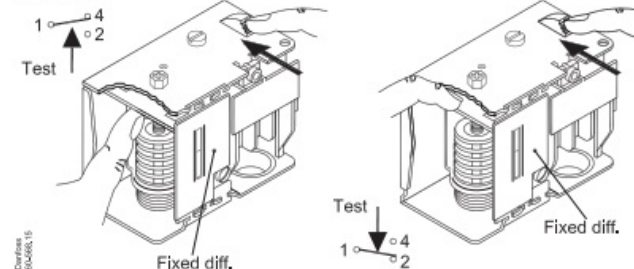
Do never touch live parts with your fingers or with any tool.

Manual trip function

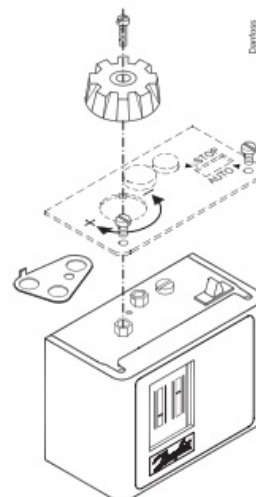
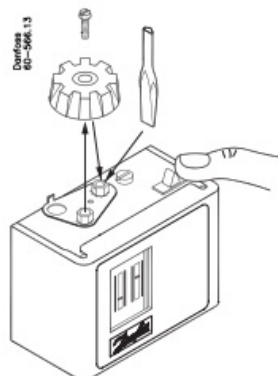
Automatic reset



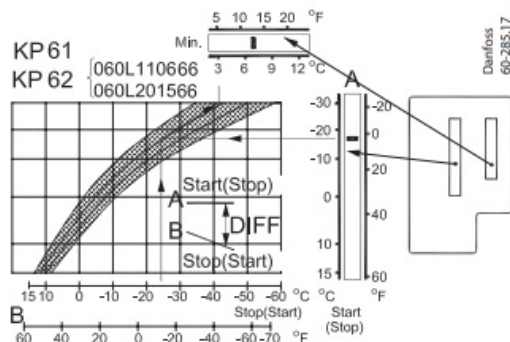
Manual reset



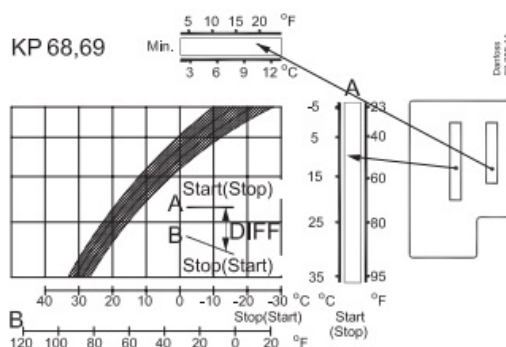
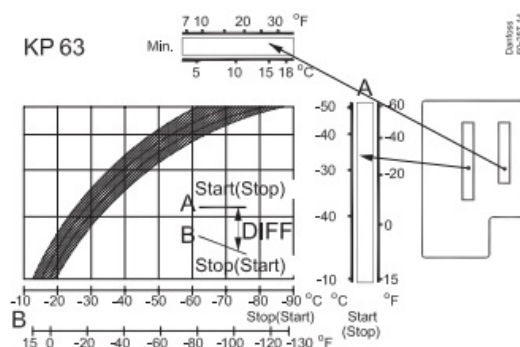
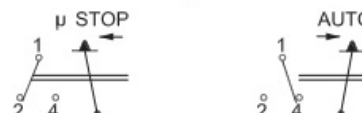
KP 61	060L110466, 060L110566
KP 71	060L111566
KP 73	060L113866



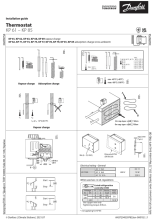
Vapour charge



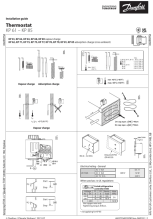
KP 61	060L110366 060L112866	Vapour charge
KP 62	060L111066	Adsorption charge
KP 73	060L111866	



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