

# Easy

installation and  
reliable performance



## Temperature and pressure controls designed with the **contractor in mind**

KPU temperature and pressure controls are designed for easy installation and service. They feature bottom and rear knockouts, differential adjustment dial, a tamper resistant design, and a robust thermoplastic housing. Danfoss KPU temperature and pressure controls maintain precise set point values and are easy to set and adjust.

Learn more about how to select the right Danfoss products for your needs at [choose.danfoss.com](http://choose.danfoss.com).

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# Reliable temperature and pressure controls designed for flawless performance.

## Technical data and ordering

### KPU 19 Thermostats

KPU Series	Bulb type	Range (°F)	Contact/Reset	Capillary tube length (in.)	Differential at lowest temp. setting	Maximum bulb temperature (°F)	Competitor part no.	Danfoss type	Danfoss Code No.
KPU 19	Remote bulb	–30 to 80	SPDT/Auto	120	3.6 to 12.6	140	A19ABC-24C A19ABC-37C A19ABC-74C A19AAC-4C A19AAF-20C	KPU19	<b>060L2150<sup>1</sup></b>
KPU 19		–30 to 80	SPST/Auto	80	3.6 to 12.6	140	A19AAD-5C A19ABA-40C A19AAD-12C	KPU19	<b>060L2151<sup>1</sup></b>
KPU 19	Room bulb	–30 to 80	SPDT/Auto	Room sensor	3.6 to 12.6	140	A19BBC-2C A19BAB-3C A19BAC-1C A19BAF-1C	KPU19	<b>060L2152</b>

<sup>1</sup> As 060L1250 is SPDT, 060L2150 can replace competitor parts crossed to both 060L2150 and 060L2151.

## Technical data and ordering

### KPU 60/70 Thermostats

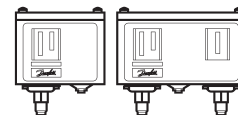
Danfoss Type	Bulb type	Range (°F)	Contact/Reset	Capillary tube length (in.)	Differential		Maximum bulb temperature (°F)	Competitor part no.	Danfoss Code No.
					at lowest temp. setting	at highest temp. setting			
KPU 61	Straight capillary tube	–20 to 60	SPDT/Auto	80	10 to 40	2.5 to 13	250	O10-1416 O10-1010 O16-111 O10-1419	<b>060L5201</b>
KPU 61	Remote air coil	–20 to 60	SPDT/Auto	80	10 to 40	2.5 to 13	250	O10-1408 O10-1409 O10-1473 O16-104 O10-1410	<b>060L5203</b>
KPU 62	Room sensor	–20 to 60	SPDT/Auto	Room sensor	10 to 40	2.5 to 13	250	O10-1072 O10-1418 O16-594 O60-101	<b>060L5206</b>
KPU 73	Remote bulb	–15 to 60	SPDT/Auto	80	6.5 to 32	5 to 50	175	O60-100 O60-120	<b>060L5208</b>

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# Technical data and ordering



## KPU Pressure Switches

Danfoss Type	Pressure	Reset	Contact system	Range (in. Hg/psig)	Differential (psig)	Max. working pressure (psig)	Competitor part no. <sup>1</sup>	Danfoss Code No.	
								¼ in. M flare	36 in. capillary tubes with ¼ in. flare nuts
KPU 1	Low	Automatic	SPDT	6 to 108	10 to 60	250	O10-1483 P70AB-2C	<b>060-5231</b>	<b>060-5233</b>
KPU 2	Low	Automatic	SPST (NO)	6 to 73	6 to 30	250	O10-1402 P70AB-12C P170AB-12C	<b>060-5237</b>	<b>060-5235</b>
KPU 2	Low	Automatic	SPDT	6 to 73	6 to 30	250		<b>060-5239</b>	<b>060-5240</b>
KPU1B	Low	Manual	SPDT	28 to 100	10.2	250		<b>060-5232</b>	<b>060-5234</b>
KPU 5	Fan cycling	Automatic	SPST (NO)	100 to 465	25 to 85	510	O10-2054 P70AA-118C	<b>060-5241</b>	<b>060-5242</b>
KPU 6W <sup>2</sup>	High	Automatic	SPDT	100 to 600	58 to 145	675	O16-108 P170CA-400C P70CA-3C	<b>060-5243</b>	<b>060-5245</b>
KPU 6B <sup>2</sup>	High	Manual	SPDT	100 to 600	60	675	P70DA-1C	<b>060-5244</b>	<b>060-5246</b>

## KPU Dual Pressure Switches

Danfoss Type	Low pressure side		High pressure side		Reset		Contact system (LP/HP)	Max. working pressure (low/high side) (psig)	Competitor part no. <sup>1</sup>	Danfoss Code No.	
	Range (in. Hg/psig)	Differential (psig)	Range (psig)	Differential (psig)	Low pressure side	High pressure side				¼ in. M flare	36 in. capillary tubes with ¼ flare nuts
KPU 15	6 to 108	10 to 60	100 to 465	60	Automatic	Automatic	SPST (NO/NC)	250/510	O12-1549 P170LB-1C	<b>060-5247</b>	<b>060-5248</b>
KPU 15B	6 to 108	10 to 60	100 to 465		Automatic	Manual	SPST (NO/NC)	250/510	P70LB-1C P70MA-1C	<b>060-5249</b>	<b>060-5250</b>
KPU 16B	6 to 108	10 to 60	100 to 600		Convertible <sup>3</sup>	Convertible <sup>3</sup>	SPDT/ SPST (NO)	250/675	O12-4834 P170LB-1C P70LB-1C P70MA-1C	<b>060-5253</b>	<b>060-5254</b>

<sup>1</sup> Competitor part no. equipped with capillary tube for all but P170LB-1C which has flare connections.

<sup>2</sup> KPU 6 and the high pressure side of KPU 16 are designed with fail-safe double bellows.

<sup>3</sup> Convertible reset controls can be adjusted for either automatic or manual reset. Adjust reset setting to match product being replaced.

All controls are supplied with universal mounting bracket and mounting screws.

Ambient temperature: -40 °F to +122 °F (175 °F for maximum 2 hours).

KPU 1, 2, 6, 16 suitable for all HFC refrigerants, including R-410A.

	120/240 VAC
Alternating Current	
Motor Full Load Amps (FLA)	24
Locked Rotor Amps (LRA)	144
Direct Current	240 V DC: 12W pilot duty

## Spare Parts and Accessories

Description	Type(s) applied to	Danfoss Code No.
Capillary tube; 39 in. with ¼ in. flare coupling nuts on each end	KPU with ¼ in. M flare	<b>060-017166</b>



**For the complete portfolio of KPU products, scan the QR code to access the Quick Select Guide.**

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