

SANHUA

ELECTRONIC *kit*



Simple like never before

- Plug and Play solution
- 20 refrigerants to choose
- Up to 16kW capacity range
- All needed products in one box



Quick Startup

The SEC61 allows to have quick startup of the system for most common applications. Just set the refrigerant!

High Efficient Solution

SANHUA electronic kit allows to have a more stable cooling process with an optimal superheat. You can decrease energy consumption vs. TXV up to 28%!



Sustainable and green solution

SEK is ready for A2L* refrigerants. Fully sealed valve body and fast reaction for better control of refrigerant glide is critical to make Your installation sustainable with a low enviromental impact.

*R455A/R454C/R1234ze...

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Calculate LPF EEV maximum cooling capacity

Valve Model	Evap Temp. (°C)	Max cooling capacity [kW]				
		Cond. Temp. @35°C, SH=6K, SBC=2K				
		R404A	R449A	R452A	R513A	R455A
LPF10	-30	3.2	4.4	3.3	2.9	4.2
	-20	3.3	4.5	3.4	2.9	4.3
	-10	3.3	4.4	3.4	2.9	4.3
	0	3.2	4.3	3.4	2.9	4.3
	10	2.9	4.0	3.2	2.7	4.1
LPF14	-30	6.1	8.4	6.3	5.4	8.0
	-20	6.2	8.5	6.5	5.5	8.1
	-10	6.2	8.4	6.5	5.6	8.2
	0	6.0	8.2	6.4	5.4	8.1
	10	5.6	7.7	6.0	5.0	7.8
LPF18	-30	8.4	11.6	8.8	7.5	11.0
	-20	8.6	11.7	9.0	7.7	11.2
	-10	8.6	11.6	9.0	7.7	11.3
	0	8.3	11.3	8.8	7.5	11.2
	10	7.7	10.6	8.3	7.0	10.7
LPF24	-30	11.5	15.8	12.0	10.2	15.0
	-20	11.8	16.0	12.3	10.5	15.4
	-10	11.7	15.9	12.4	10.5	15.5
	0	11.4	15.5	12.1	10.2	15.3
	10	10.5	14.5	11.4	9.5	14.7

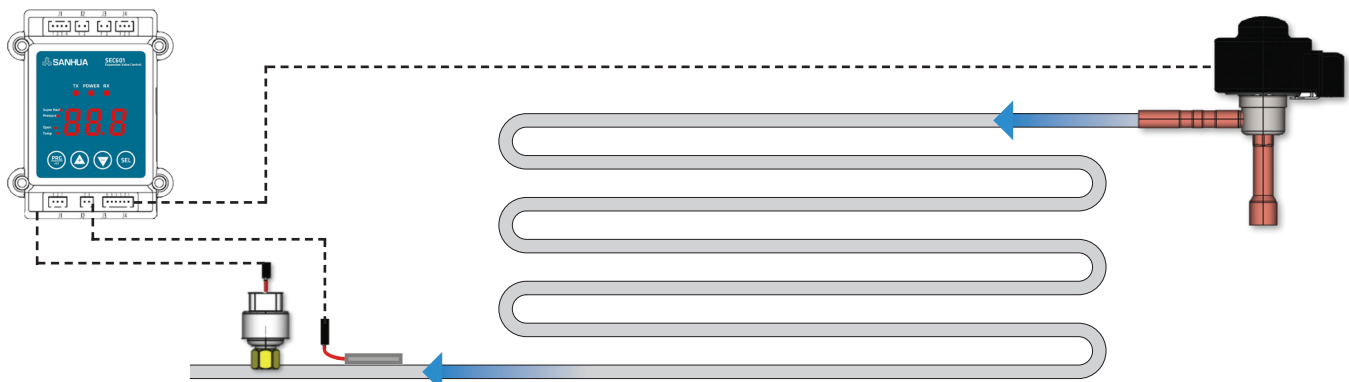
For detailed product selection and calculation use software Quick Finder – www.SanhuaQF.eu



Select SEK KIT model with requested valve connections and LPF EEV size.

Model	Valve Connection	Common products	LPF valve Unipolar 500 step PS - 42 bar
SEK10-01	3/8" – 1/2"	SEC612-R4 Superheat Controller: 24VAC/DC - MODBUS/RS485 YCQC02L18 Pressure Transmitter 4-20mA -1 to 12bar 1/4" SAE ; 7/16-20" UNF	LPF10-002
SEK14-01			LPF14-002
SEK18-01			LPF18-002
SEK24-01			LPF24-002
SEK10-02	10 - 12 mm	YCQC02-013022 YCQ Packard Plug 2m cable length - IP67 NTC2A1 Probe 2m cable length PQ-M24012-000008 EEV coil 3m cable length	LPF10-004
SEK14-02			LPF14-004
SEK18-02			LPF18-003
SEK24-02			LPF24-003

Optional (not included): Ultracapacitor, Transformer and Remote Display



For installation and programming manual visit our website: www.sanhuaeurope.com