

# Системы контроля температуры процесса

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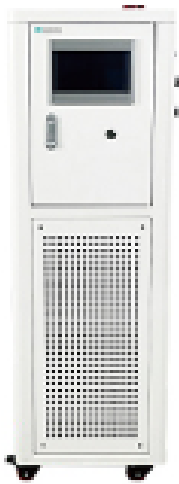
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[High and low temperature control system \(-25°C ~ 200°C\)](#)

Xinzhi's -25°C to 200°C series of high and low temperature control systems offer a controllable temperature range of -25°C to 200°C. The maximum circulating pump flow rate ranges from 20L/min to 75L/min, and the circulating pump pressure is available in three different types: 1.5, 2.0, and 2.5 bar. The thermal interface size is available in five sizes, from DN15 to DN50. We currently offer 10 different models of this type to meet the diverse needs of our customers. The various sizes and weights of these models offer a wide range of options. We can also provide customized solutions based on customer requirements.

model	HL25-220	HL35-220	HL55-220	HL75-220	HL100-220	HL150-220	HL250W-220	HL380W-220	HL600W-220	HL950W-220
Heating power	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
200°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW

Refrigeration capacity	100°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	20°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	-5°C	2kW	3kW	4.5kW	6.6kW	8kW	12kW	19kW	30kW	46kW	70kW
	-20°C	1.0kW	1.8kW	2.8kW	3.8kW	4.6kW	7kW	12kW	16kW	22kW	32kW
Circulation pump	flow	Max30L/min	Max30L/min	Max42L/min	Max56L/min	Max56L/min	Max110L/min	Max120L/min	Max150L/min	Max300L/min	Max400L/min
	pressure	1.5bar	1.5bar	2.0bar	2.0bar	2.0bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar
compressor	Scop	Emerson Copeland								Italy's Torino/Bitzer/Fujihao	
expansion valve	Danfoss						Emerson/Danfoss				
Thermal medium interface size	DN15	DN20	DN20	DN20	DN25	DN32	DN32	DN40	DN40	DN50	
20 degrees cooling water demand	0.6m <sup>3</sup> /h	0.8m <sup>3</sup> /h	1m <sup>3</sup> /h	1.2m <sup>3</sup> /h	1.6m <sup>3</sup> /h	2m <sup>3</sup> /h	6m <sup>3</sup> /h	10m <sup>3</sup> /h	14m <sup>3</sup> /h	20m <sup>3</sup> /h	
	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	
Cooling water interface size	G1/2	G1/2	G3/4	G3/4	G3/4	G1	DN32	DN40	DN50	DN65	

Overall dimensions (mm)	Water cooling	400*600*1150	400*600*1150	500*680*1250	550*700*1600	500*680*1250	700*800*1650	1000*950*1650	1000*950*1750	2000*1250*1750	2000*1250*1750
	Air cooling	400*600*1250	450*650*1300	550*750*1400	570*750*1500	650*700*1650	750*750*1800	/	/	/	/
weight	Water cooling	100kg	135kg	160kg	205kg	250kg	280kg	480kg	750kg	1000kg	1250kg
	Air cooling	115kg	165kg	285kg	230kg	280kg	300kg	/	/	/	/
powersupply		AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
Total power		4kW(max)	6kW(max)	8kW(max)	11kW(max)	14kW(max)	21kW(max)	34kW(max)	51 kW (max)	78kW(max)	120kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[High and low temperature control system \(-40°C ~ 200°C\)](#)

Xinzhi's -40°C to 200°C series of high and low temperature control system equipment. Our equipment precisely controls temperatures from -40°C to 200°C, and features a circulating pump with a maximum flow rate of 20L/min to 400L/min. The circulating pump pressure is available in two specifications: 2.0 bar and 2.5 bar, and the equipment's maximum total power ranges from 4.5kW to 135kW. We currently offer 10 different models of this type of equipment to meet the diverse needs of our customers. Each model has varying dimensions and weights, providing customers with more options. We also offer customized solutions.

model		HL25W-420	HL35-420	HL55-420	HL75-420	HL100-420	HL150W-420	HL250W-420	HL380W-420	HL600W-420	HL950W-420
Heating power		2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
Refrigeration capacity	200°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	20°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	0°C	2kW	3kW	5kW	7kW	10kW	15kW	25kW	38kW	60kW	95kW

	-20°C	0.9kW	1.5kW	2.9kW	4.2kW	6kW	11kW	16kW	26kW	34kW	50kW
	-35°C	0.25kW	0.45kW	0.9kW	1.5kW	2kW	3.8kW	4.7kW	9kW	12kW	18kW
Circulation pump	flow	Max20L/min	Max35L/min	Max35L/min	Max50L/min	Max60L/min	Max110L/min	Max150L/min	Max200L/min	Max250L/min	Max400L/min
	pressure	2bar	2bar	2bar	2bar	2bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar
compressor	Taikang/Highly	Emerson Copeland								Italy's Torino/Bitzer/Fujihao	
expansion valve	Danfoss										
Thermal medium interface size	DN15	DN20	DN20	DN20	DN25	DN25	DN32	DN40	DN40	DN40	DN50
20 degrees cooling water demand	0.6m <sup>3</sup> /h	1.2m <sup>3</sup> /h	1.5m <sup>3</sup> /h	1.8m <sup>3</sup> /h	2.6m <sup>3</sup> /h	3.2m <sup>3</sup> /h	7m <sup>3</sup> /h	12m <sup>3</sup> /h	17m <sup>3</sup> /h	24m <sup>3</sup> /h	
	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	
Cooling water interface size	G1/2	G1/2	G3/4	G3/4	G1	G1	DN40	DN50	DN65	DN65	

Overall dimensions (mm)	Water cooling	400*600*1150	400*600*1150	500*680*1250	550*700*1600	500*680*1250	700*800*1650	1000*950*1650	1000*950*1750	2000*1250*1750	2000*1250*1750
	Air cooling	400*600*1250	450*650*1300	550*650*1400	570*700*1550	650*700*1650	750*750*1800	/	/	/	/
weight	Water cooling	100kg	135kg	160kg	205kg	250kg	280kg	620kg	820kg	1100kg	1350kg
	Air cooling	115kg	165kg	285kg	230kg	280kg	300kg	/	/	/	/
powersupply		AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
Total power		4.5kW(max)	6.5kW(max)	9kW(max)	11.5kW(max)	16kW(max)	23kW(max)	36kW(max)	55 kW (max)	89kW(max)	135kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[High and low temperature control system \(-60°C ~ 200°C\)](#)

Xinzhi develops, produces and sells a series of high and low temperature control system equipment from -60°C to 200°C. Our equipment can precisely control the temperature, covering a range from -60°C to 200°C, and is equipped with a circulation pump with a maximum flow rate of 35L/min to 400L/min. The heating power of the equipment ranges from 2.5kW to 95kW, the cooling power ranges from 0.25kW to 95kW, and the maximum total power is between 5kW and 130kW. Currently, we offer 10 different models to meet the diverse needs of users. Different models of devices differ in size and weight, giving users more choices. In addition, we also provide personalized customization services to meet the specific needs of customers.

model		HL25W-620	HL35-620	HL55-620	HL75-620	HL100W-620	HL150W-620	HL250W-620	HL380W-620	HL600W-620	HL950W-620
Heating power		2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
Refrigeration capacity	200°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	100°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	20°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW

	-40°C	0.95kW	1.45kW	2.3kW	3.1kW	4.8kW	7.75kW	18kW	22kW	30kW	45kW
	-55°C	0.25kW	0.5kW	0.75kW	0.9kW	1.5kW	2.8kW	6kW	7.5kW	11kW	15kW
Circulation pump	flow	Max35L/min	Max35L/min	Max50L/min	Max60L/min	Max110L/min	Max150L/min	Max200L/min	Max250L/min	Max400L/min	Max400L/min
	pressure	2bar	2bar	2bar	2bar	2bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar
compressor	Embraco	Emerson Copeland								Italy's Torino/Bitzer/Fujihao	
expansion valve	Danfoss										
Thermal medium interface size	DN15	DN20	DN20	DN20	DN25	DN25	DN32	DN40	DN40	DN50	
20 degrees cooling water demand	1.2m³/h	1.5m³/h	1.8m³/h	2.6m³/h	3.2m³/h	7m³/h	10m³/h	14m³/h	20m³/h	30m³/h	
	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	
Cooling water interface size	G1/2	G1/2	G3/4	G3/4	G1	G1	DN40	DN50	DN65	DN65	

Overall dimensions (mm)	Water cooling	400*600*1150	550*700*1350	550*700*1350	650*700*1650	700*800*1650	1000*950*165	1250*950*1650	2000*1250*1750	2300*1450*1750	2300*1450*1750
	Air cooling	400*600*1250	550*700*1450	650*700*1650	650*700*1650	750*750*1800	750*750*1800	/	/	/	/
weight	Water cooling	170kg	185kg	265kg	305kg	340kg	380kg	980kg	1150kg	1380kg	1750kg
	Air cooling	200kg	225kg	300kg	340kg	380kg	/	/	/	/	/
powersupply		AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
Total power		5kW(max)	7.5kW(max)	10kW(max)	14kW(max)	8kW(max)	26kW(max)	38kW(max)	58 kW (max)	85kW(max)	130kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[High and low temperature control system \(-80°C ~ 200°C\)](#)

Xinzi develops, manufactures, and sells a series of high and low temperature control systems ranging from -80°C to 200°C. Our equipment precisely controls temperatures from -80°C to 200°C, and features a circulating pump with a maximum flow rate of 20 to 400 L/min. Heating power ranges from 2.5kW to 95kW, cooling power from 0.25kW to 95kW, and maximum total power from 6.5kW to 180kW. We currently offer 10 different models to meet diverse customer needs. Different models vary in size and weight, providing users with a wide range of options. We also provide customized services to meet specific customer needs.

model		HL25W-820	HL35W-820	HL55W-820	HL75W-820	HL100W-820	HL150W-820	HL250W-820	HL380W-820	HL600W-820	HL950W-820
Heating power		2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
Refrigeration capacity	200°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	100°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	20°C	2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	-60°C	1.0kW	1.4kW	1.6kW	3.0kW	3.3kW	5.8kW	10kW	16kW	23kW	32kW

	-75℃	0.3kW	0.42kW	0.7kW	1.3kW	1.4kW	2.4kW	5kW	8kW	11kW	14kW
Circulation pump	flow	Max20L/min	Max35L/min	Max35L/min	Max50L/min	Max60L/min	Max110L/min	Max150L/min	Max200L/min	Max250L/min	Max400L/min
	pressure	2bar	2bar	2bar	2bar	2.0bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar
compressor		Embraco	Emerson Copeland				Embraco			Italy's Torino/Bitzer/Fujihao	
expansion valve		Danfoss									
Thermal medium interface size		DN15	DN20	DN20	DN20	DN25	DN25	DN32	DN40	DN40	DN50
20 degrees cooling water demand		1.2m <sup>3</sup> /h	1.5m <sup>3</sup> /h	1.8m <sup>3</sup> /h	2.6m <sup>3</sup> /h	3.2m <sup>3</sup> /h	7m <sup>3</sup> /h	10m <sup>3</sup> /h	14m <sup>3</sup> /h	20m <sup>3</sup> /h	30m <sup>3</sup> /h
		1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar
Cooling water interface size		DN15	DN20	DN20	DN20	DN25	DN25	DN32	DN40	DN40	DN65
Overall dimensions (mm)	Water cooling	400*600*1150	400*600*1150	500*680*1250	550*700*1600	500*680*1250	700*800*1650	1000*950*1650	1000*950*1750	2000*1250*1750	2000*1250*1750

	Air cooling	400*600*1250	450*650*1300	550*650*1400	500*680*1450	650*700*1650	750*750*1800	/	/	/	/
weight	Water cooling	170kg	185kg	265kg	305kg	340kg	380kg	980kg	1150kg	1380kg	1750kg
	Air cooling	200kg	225kg	300kg	340kg	380kg	/	/	/	/	/
power supply		AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
Total power		6.5kW(max)	10kW(max)	13kW(max)	17kW(max)	22kW(max)	33kW(max)	56kW(max)	90kW(max)	140kW(max)	180kW(max)



[High and low temperature control system \(-100°C ~ 100°C\)](#)

model		HL35W-1010	HL55W-1010	HL75W1010	HL100W-1010	HL150W-1010	HL250W-1010	HL380W-1010
Heating power		3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW
Refrigeration capacity	200°C	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW
	100°C	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW
	20°C	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW
	-80°C	1.9kW	2.8kW	3.3kW	4.1kW	5.5kW	8.2kW	11.6kW
	-95°C	0.45kW	0.7kW	0.9kW	1.2kW	1.6kW	2.2kW	3kW
Circulation pump	flow	Max20L/min	Max35L/min	Max35L/min	Max50L/min	Max100L/min	Max100L/min	Max150L/min
	pressure	2bar	2bar	2bar	2bar	2.5bar	2.5bar	2.5bar
compressor		Taikang France	Italy's Torino/Bitzer/Fujihao					
expansion valve		Danfoss						
Thermal medium interface size		DN20	DN20	DN20	DN25	DN25	DN32	DN40
20 degrees cooling water demand		2.4m <sup>3</sup> /h	3.4m <sup>3</sup> /h	4m <sup>3</sup> /h	5m <sup>3</sup> /h	10m <sup>3</sup> /h	14m <sup>3</sup> /h	20m <sup>3</sup> /h

		1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar	1.5bar~4bar
Cooling water interface size		DN15	DN20	DN20	DN20	/	/	/
Overall dimensions (mm)	Water cooling	700*800*1650	700*800*1650	1000*950*1750	1000*950*1750	1000*950*1750	2000*1250*1750	2000*1250*1750
	Air cooling	/	/	/	/	/	/	/
weight	Water cooling	435kg	565kg	705kg	820kg	1150kg	1380kg	1750kg
	Air cooling	/	/	/	/	/	/	/
power supply		AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
Total power		12kW(max)	17kW(max)	22kW(max)	27kW(max)	36kW(max)	55kW(max)	82kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



High and low temperature control system one for two (-25°C ~ 200°C)

model		HL25-220-2T	HL35-220-2T	HL55-220-2T	HL75-220-2T	HL100-220-2T	HL150-220-2T	HL250-220-2T	HL380-220-2T	HL600-220-2T	HL950-220-2T	
Heating power		2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	90kW	
Refrigeration capacity	200°C	2.5kW	3.5kW	5.5kW	7kW	10kW	15kW	25kW	38kW	60kW	90kW	
	100°C	2.5kW	3.5kW	5.5kW	7kW	10kW	15kW	25kW	38kW	60kW	90kW	
	20°C	2kW	3kW	5kW	6kW	8.5kW	11kW	18kW	26kW	42kW	68kW	
	-5°C	1.5kW	2.5kW	3kW	5kW	7kW	7.5kW	13kW	18kW	30kW	50kW	
	-20°C	1kW	1.6kW	2kW	3kW	3.6kW	4.5kW	7.5kW	11kW	18kW	26kW	
Circulation pump	flow	Max15L/min	Max15L/min	Max35L/min	Max50L/min	Max50L/min	Max110L/min	Max110L/min	Max50L/min	Max250L/min	Max250L/min	
	pressure	1bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar	
compressor		Scop	Emerson Copeland							Italy's Torino/Bitzer/Fujihao		
expansion valve		Danfoss										



Total power	6.2kW(max)	10.5kW(max)	15kW(max)	21kW(max)	28.5kW(max)	40kW(max)	65kW(max)	95kW(max)	150kW(max)	230kW(max)
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[Heating temperature control system \(50°C ~ 200°C\)](#)

model		H25W-20	H35W-20	H55W-20	H75W-20	H100W-20	H150W-20	H250W-20	H380W-20	H600W-20	H950W-20
Heating power		2.5kW	3.5kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
Refrigeration capacity	200°C	2kW	3kW	5.5kW	7.5kW	10kW	15kW	25kW	38kW	60kW	95kW
	100°C	1.3kW	2kW	4kW	5kW	8kW	12kW	20kW	30kW	48kW	76kW
	65°C	0.6kW	1kW	1.8kW	2.2kW	3.4kW	5kW	8.5kW	12kW	19kW	30kW

Circulation pump	flow	Max10L/min	Max20L/min	Max35L/min	Max50L/min	Max50L/min	Max75L/min	Max110L/min	Max110L/min	Max250L/min	Max250L/min
	pressure	1.5bar	1.5bar	2bar	2bar	2bar	2.5bar	2.5bar	2.5bar	2.5bar	2.5bar
Cooler interface		DN20	DN20	DN20	DN20	DN20	DN20	DN20	DN20	DN20	DN20
Interface size		DN15	DN20	DN20	DN20	DN20	DN25	DN32	DN32	DN40	DN50
Overall dimensions (mm)		350*560*750	400*600*1050	400*600*1050	400*600*1050	400*600*1050	600*600*1250	600*600*1250	600*600*1250	1500*1000*1650	2050*1250*2050
weight		35kg	65kg	78kg	80kg	88kg	100kg	130kg	240kg	360kg	480kg
power supply		AC 220V 50HZ	AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
Total power		2.5kW(max)	3.5kW(max)	5.9kW(max)	8.3kW(max)	10.8kW(max)	15.7kW(max)	26.5kW(max)	39.5kW(max)	63kW(max)	98kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



Interface size	DN15	DN20	DN20	DN20	DN25	DN32	DN32	DN40	DN50
Overall dimensions (mm)	600*600*1250	600*600*1250	600*600*1250	600*600*1250	700*800*1650	700*800*1650	1500*1000*1650	2050*1250*2050	2050*1250*2050
weight	85kg	95kg	100kg	105kg	115kg	195kg	325kg	680kg	480kg
power supply	AC 380V50HZ	AC 380V50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
Total power	3.7kW(max)	5.9kW(max)	8kW(max)	10.8kW(max)	16kW(max)	26.5kW(max)	39.5kW(max)	63kW(max)	98kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[Refrigeration temperature control system \(-25~RT\)](#)

model		L1.5-2	L3-2	L4-2	L6-2	L8-2	L13-2
Cooling capacity	0°C	2.5kW	4kW	7.5kW	10kW	15kW	20kW
	-10°C	1.5kW	2.7kW	6.3kW	8kW	12kW	15.5kW
	20°C	0.8kW	1.5kW	3.5kW	5kW	7.3kW	10kW
Circulation pump	flow	Max20L/min	Max35L/min	Max35L/min	Max75L/min	Max75L/min	Max100L/min
	pressure	1.5bar	1.5bar	1.5bar	1.5bar	1.5bar	1.5bar
Liquid storage capacity		17L	25L	25L	40L	60L	80L
compressor		Embraco	Emerson Copeland				
Interface size		DN20	DN20	DN20	DN25	DN25	DN32
Overall dimensions (mm)/air cooling		400*600*1150	500*680*1350	500*680*1350	650*700*1650	750*750*1800	850*850*1850
weight		145kg	180kg	225kg	290kg	340kg	385kg
power supply		AC 220V 50HZ	AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
		1.8kW(max)	2.5kW(max)	3.5kW(max)	5kW(max)	6.5kW(max)	8.5 (max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



Refrigeration temperature control system (-40~ RT)

model		L1.5-4	L3-4	L5-4	L7.5-4	L13-4	L17-4
Cooling capacity	-10°C	1.5kW	3.5kW	6.2kW	8.3kW	12kW	20kW
	-20°C	1.2kW	2.7kW	5.5kW	7kW	10kW	14kW
	-35°C	0.4kW	0.75kW	1.5kW	2.1kW	3kW	5kW
Circulation pump	flow	Max20L/min	Max20L/min	Max35L/min	Max75L/min	Max75L/min	Max140L/min
	pressure	0.7bar	0.7bar	1bar	1bar	1bar	1bar
Liquid storage capacity		15L	17L	25L	40L	60L	100L
compressor		Embraco	Emerson Copeland				
Interface size		DN15	DN20	DN20	DN25	DN25	DN25

Overall dimensions (mm)/air cooling	400*600*1250	500*680*1350	500*680*1450	650*700*1650	750*750*1800	750*750*1800
weight	145kg	185kg	275kg	340kg	380kg	380kg
power supply	AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
	1.6kW(max)	2.5kW(max)	4.8kW(max)	6kW(max)	8kW(max)	8kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[Refrigeration temperature control system \(-60~20\)](#)

model		L1.5-4	L2-6	L3-6	L4-6	L5-6	L8-6
Cooling capacity	-20°C	0.85kW	1.45kW	2.5kW	3.4kW	4.8kW	7.2kW
	-40°C	0.7kW	1.2kW	2.1kW	2.8kW	4kW	6kW

	-55°C	0.4kW	0.6kW	1.2kW	1.6kW	2kW	3kW	
Circulation pump	flow	Max20L/min	Max20L/min	Max35L/min	Max35L/min	Max75L/min	Max75L/min	
	pressure	0.7bar	0.7bar	1bar	1bar	1bar	1bar	
Liquid storage capacity		15L	17L	25L	25L	40L	60L	
compressor		Taikang France					Italy Torino/Bitzer	
Interface size		DN15	DN20	DN20	DN20	DN25	DN25	
Overall dimensions (mm)/air cooling		400*600*1150	500*680*1350	650*700*1650	650*700*1650	650*700*1650	750*750*1800	
weight		145kg	185kg	230kg	275kg	240kg	380kg	
power supply		AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	
		2.5kW(max)	3kW(max)	4kW(max)	5.8kW(max)	7kW(max)	9kW(max)	

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[Refrigeration temperature control system \(-80~ 20\)](#)

model		L1.5-8	L3-8	L6-8	L8-8	L15-8	L25-8	
Cooling capacity	-40°C	0.6kW	1.4kW	2.8kW	3.4kW	4.8kW	7.2kW	
	-60°C	0.4kW	0.8kW	1.6kW	2.1kW	4kW	6kW	
	-75°C	0.2kW	0.5kW	0.9kW	1.2kW	2kW	3kW	
Circulation pump	flow	Max20L/min	Max20L/min	Max35L/min	Max35L/min	Max75L/min	Max75L/min	
	pressure	0.7bar	0.7bar	1bar	1bar	1bar	1bar	
Liquid storage capacity		15L	17L	25L	25L	40L	60L	
compressor		Taikang France					Italy Torino/Bitzer	
Interface size		DN15	DN20	DN20	DN20	DN25	DN25	

Overall dimensions (mm)/air cooling	500*680*1350	500*680*1350	650*700*1650	650*700*1650	750*750*1800	850*850*1850
weight	185kg	230kg	275kg	340kg	380kg	470kg
power supply	AC 220V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
	3kW(max)	4kW(max)	5.5kW(max)	7kW(max)	8.7kW(max)	11.5kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[Refrigeration temperature control system \(-100~60\)](#)

model		L6-10	L12-10	L22-10
Cooling capacity	-60°C	2.5kW	5kW	8.6kW
	-75°C	1.3kW	3kW	5kW

	-95°C	0.7kW	1.4kW	2.3kW
Circulation pump	flow	Max20L/min	Max35L/min	Max75L/min
	pressure	0.7bar	1bar	1bar
Liquid storage capacity		17L	25L	40L
compressor		Taikang France	Italy Torino/Bitzer	
Interface size		DN15	DN20	DN25
Overall dimensions (mm)/air cooling		550*700*1650	700*800*1650	700*800*1650
weight		235kg	230kg	455kg
power supply		AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
		5.5kW(max)	7.5kW(max)	11kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)



[Refrigeration temperature control system \(-120~70\)](#)

model		L15-12	L20-12	L25-12
Cooling capacity	-75°C	1.2kW	2.4kW	4kW
	-95°C	0.7kW	1.4kW	2.1kW
	-110°C	0.3kW	0.55kW	0.95kW
Circulation pump	flow	Max20L/min	Max35L/min	Max35L/min
	pressure	0.7bar	1bar	1bar
Liquid storage capacity		17L	25L	40L
compressor		Taikang France	Italy Torino/Bitzer	
Interface size		DN20	DN20	DN20

Overall dimensions (mm)/air cooling	550*700*1650	700*800*1650	700*800*1650
weight	340kg	380kg	480kg
power supply	AC 380V 50HZ	AC 380V 50HZ	AC 380V 50HZ
	6kW(max)	9.5kW(max)	14kW(max)

Optional: SUS 304 chassis, ExdIIBT4 explosion-proof, ExdIICT4 explosion-proof, positive pressure explosion-proof (positive pressure explosion-proof can only be water-cooled)

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