

Model Selection Table of LT Fixed Speed CDU
(>7HP) 380V/3PH/50Hz

	R404A	Ambient Temperature									
		27 °C		32 °C		38 °C		43 °C		48 °C	
		GQL	Q(kW)	P (kW)	Q(kW)	P (kW)	Q(kW)	P (kW)	Q(kW)	P (kW)	Q(kW)
SST -40 °C	GQL036PS4COX	5.82	4.07	5.63	4.45	5.44	5.11	5.17	5.91	4.87	6.36
	GQL050PS4COX	8.40	5.61	8.06	6.32	7.53	6.95	7.11	8.43	6.18	9.31
	GQL072PS4COX	10.98	7.54	10.71	8.36	10.81	9.94	11.53	11.09	9.08	9.96
SST -35 °C	GQL036PS4COX	7.17	4.38	7.06	4.85	6.55	5.31	6.37	5.99	5.93	6.77
	GQL050PS4COX	9.99	5.95	9.76	6.62	9.36	7.50	7.98	8.98	7.59	9.61
	GQL072PS4COX	13.55	8.32	13.27	9.13	12.94	10.24	11.88	11.38	10.83	12.74
SST -30 °C	GQL036PS4COX	8.63	4.72	8.47	5.16	7.96	5.72	7.69	6.28	7.27	7.09
	GQL050PS4COX	12.00	6.35	11.57	7.11	10.38	9.05	9.71	9.47	9.47	10.00
	GQL072PS4COX	16.49	9.15	16.22	9.89	15.10	10.81	15.11	11.94	13.67	13.69
SST -25 °C	GQL036PS4COX	10.34	5.07	10.17	5.58	9.98	6.21	9.11	6.74	8.67	7.51
	GQL050PS4COX	14.21	6.93	14.04	7.59	11.91	9.83	11.96	9.91	11.32	10.46
	GQL072PS4COX	19.85	9.99	19.41	10.60	18.89	11.33	17.34	12.66	17.37	14.12
SST -20 °C	GQL036PS4COX	12.62	5.43	12.45	5.88	11.79	6.59	10.62	7.24	10.34	8.01
	GQL050PS4COX	16.89	7.61	16.83	8.15	14.20	10.45	14.20	10.19	13.50	11.16
	GQL072PS4COX	23.70	10.58	23.44	11.21	20.99	12.83	21.56	14.15	19.27	15.23
SST -15 °C	GQL036PS4COX	14.53	5.73	13.96	6.28	13.70	7.02	12.83	7.85	/	/
	GQL050PS4COX	19.52	8.27	19.28	9.05	18.03	9.91	16.61	10.83	15.61	11.77
	GQL072PS4COX	27.35	10.73	26.77	12.37	25.68	13.24	28.97	14.43	/	/
SST -10 °C	GQL036PS4COX	17.37	6.08	16.21	6.64	15.53	7.60	14.90	8.74	/	/
	GQL050PS4COX	23.14	9.10	21.84	9.60	20.70	10.34	19.04	11.56	18.35	12.46
	GQL072PS4COX	33.97	10.88	31.98	13.77	30.92	14.75	28.75	16.02	/	/

Notes: the variable condition data is based on the national standard GB/T 21363 requirements, return temperature 5° C.

Taurus Series

Water Cooling Fixed Speed Condensing Units



Customer Values

- Compression and condensation integrated machine, flexibly installing no machine room needed, saving labor, time and investment
- Large refrigerating capacity, low noise, reliable operation
- PCB intelligent control, adjust based on load, energy efficient
- Optional RS485 remote monitor, easy and convenient remote monitoring
- Supercooling (10-30K) liquid supply for low-temperature units, suitable for projects with longer pipelines and larger height differences
- Larger water chilling condenser, suitable for harsh water systems
- No pressure vessel registration needed, easier installation

Product Features

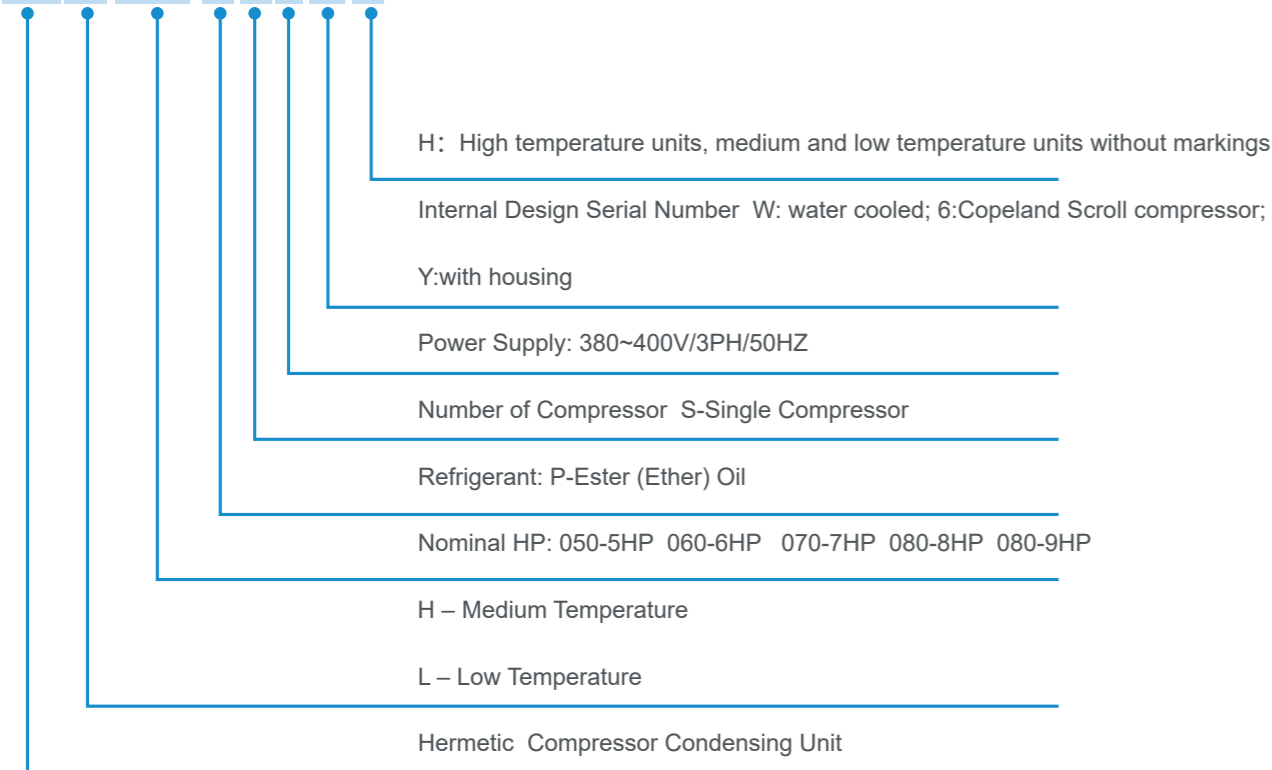
- Adopts famous scroll compressor and enhanced vapor injection under low temperature for high reliability, high-cost efficiency and low vibration
- Intelligent control of PCB boards can adjust refrigeration output based on load, with full presence of error code for fast and convenient maintenance
- With functions like RS485 network connection and remote monitor
- Equipped with plate type heat exchanger and high liquid supercooling degree (10-30K) to enhance refrigeration output and increase COP
- Larger water chilling condenser for stable operation and no need for pressure vessel registration
- Integrated compressing and condensing unit for convenient installation
- The height of only 650mm suits for space with limitations

Product Features

- No need for a machine room or excellent ventilation
- Suitable for projects with longer pipelines and larger height differences
- Low noise, reliable operation
- 100% recycling of waste heat, used for domestic hot water and house warming to save energy

Naming Rule

GP H 080 P S 4 W H



LT Water-cooled Box-type CDU Performance Parameters

Model		GPL060PS4W6Y	GPL080PS4W6Y
Refrigerant		R404A/507A	
Horse Power		6	8
Cooling Capacity		kW 7.19	9.10
Power		kW 4.35	5.19
COP		W/W 1.65	1.75
Evaporation Temperature Range		°C -40 ~ -20	
Power Supply		380V - 3~ - 50Hz	
Compressor	Type	Silent, efficient, fully enclosed rotary compressor	
	Model	ZFI26KQE	ZFI36KQE
Total Current	Compressor Starting Current	A 74.0	102.0
	Compressor Max. Continuous Current	A 13.7	16.0
Lubricating Oil	Model	32H	
	Oil Charge	L 1.9	1.9
Oil Charge	Liquid Line	mm 15.88	15.88
	Gas Return	mm 28.58	28.58
External Dimensions (W/O Feet)		mm 1500*800*650	
External Dimensions (with Feet)		mm 1500*900*650	
Weight		kg 220	220

Nominal refrigeration capacity and nominal power test conditions: condensing temperature 40°C, evaporating temperature -30°C, gas return temperature 0°C.

HT Water-cooled Box-type CDU Performance Parameters

Model		GPH080PS4W6Y-H	
Refrigerant		R404A/507A	
Horse Power		8	
Cooling Capacity		kW 20.6	
Power		kW 5.77	
COP		W/W 3.57	
Evaporation Temperature Range		°C -15 ~ 5	
Power Supply		380V - 3~ - 50Hz	
Compressor	Type	Silent, efficient, fully enclosed rotary compressor	
	Model	ZB58KQE	
Total Current	Compressor Starting Current	A 95	
	Compressor Max. Continuous Current	A 15.9	
Lubricating Oil	Model	32H	
	Oil Charge	L 2.51	
Oil Charge	Liquid Line	mm 19.05	
	Gas Return	mm 34.93	
External Dimensions (W/O Feet)		mm 1500*800*650	
External Dimensions (with Feet)		mm 1500*900*650	
Weight		kg 245	

Nominal refrigeration capacity and nominal power test conditions: condensing temperature 40°C, evaporating temperature 0°C, gas return temperature 15°C.

MT Water-cooled Box-type CDU Performance Parameters

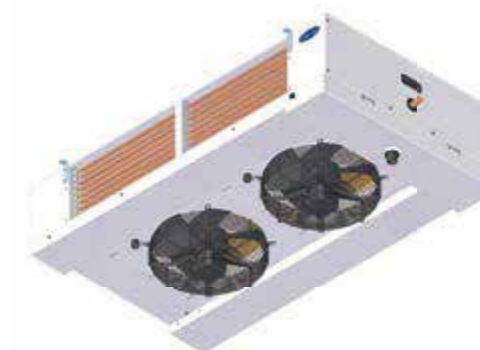
Model		GPH050PS4W6Y	GPH070PS4W6Y	GPH080PS4W6Y	GPH090PS4W6Y	
Refrigerant		R404A/507A				
Horse Power		5	7	8	9	
Cooling Capacity	kW	9.14	11.75	14.10	15.9	
Power	kW	3.73	4.65	5.67	6.34	
COP	W/W	2.45	2.53	2.49	2.51	
Evaporation Temperature Range	°C	-15 ~ 0				
Power Supply		380V - 3~ - 50Hz				
Compressor	Type	Silent, efficient, fully enclosed rotary compressor				
	Model	ZB38KQE	ZB48KQE	ZB58KQE	ZB66KQE	
Total Current	Compressor Starting Current	A	65.5	101.0	95.0	111.0
	Compressor Max. Continuous Current	A	12.8	14.0	15.9	17.5
Lubricating Oil	Model	32H				
	Oil Charge	L	2.07	1.8	2.51	3.25
Oil Charge	Liquid Line	mm	15.88	15.88	15.88	15.88
	Gas Return	mm	28.58	28.58	34.93	34.93
External Dimensions (W/O Feet)		mm	1500*800*650			
External Dimensions (with Feet)		mm	1500*900*650			
Weight	kg	215	220	235	248	

Nominal refrigeration capacity and nominal power test conditions: condensing temperature 40°C, evaporating temperature 0°C, gas return temperature 15°C.

Adventer Series Air Cooler



SOLO
(Cooling capacity 1.44~15.69kW)



DUO
(Cooling capacity 1.6~20.67kW)

Customer Values

- Available for regular refrigerants and numerous models for more application
- High energy efficiency, low operation cost, safe & reliable
- Long range and equal food temperature in all zones
- High efficiency defrost, quick cooling effect, small fluctuation temperature for food preservation
- Anti-corrosion and long service life
- Energy saving 5%-10%*

Product Features

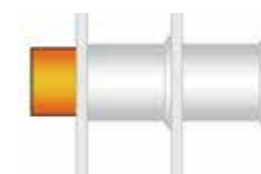
- Inner grooved tube and corrugated fins for larger heat exchange area and higher heat exchange efficiency
- Fine flanged fins, fixed and stable
- High efficiency defrosting, longer intervals and short defrosting time
- After high pressure powder spray double coatings, the fins are corrosion proof and easy to clean
- Less vapor generation during defrosting and easy to maintain and replace defrosting heating tubes
- Metal plate parts are all coated for corrosion resistance and the coating materials meet food hygiene requirements



Inner grooved tube



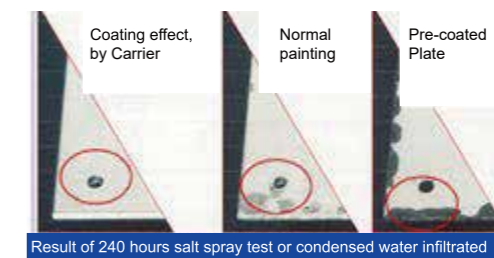
Corrugated fin



Flanging fins



Coating treatment of external surface



Result of salt spray test

* In comparison with the single-outlet air coolers of the same series provided by competitors