

# AIR COOLER



**CONTACT  
NOW**

**GLEN  
REFRIGERATION**

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# Company Profile

## About Us

### Value

Innovation, Surpass,  
Persistence, Win-win  
situation.

### Vision

Let Customers Enjoy Better  
Refrigeration Products and  
Service.

### Mission

Committed to creating value  
for customers with truly high-  
quality refrigeration  
equipments.

Hangzhou Glen Refrigeration Equipment Co., LTD is a professional manufacturer, which specializes in the development, manufacture and sales of refrigeration equipment. The company's main products are Copeland scroll compressor outdoor condensing units, Panasonic scroll compressor outdoor condensing units, indoor condensing unit, and DC inverter condensing units, monoblock refrigeration units, air cooler evaporator and so on.

Glen Refrigeration is also a professional supplier of rotary compressors and reciprocating compressors for air conditioning, home refrigerator, commercial refrigeration and transport refrigeration.

We focus on energy-saving and environmental protection. We are committed to creating value for customers with truly high-quality refrigeration equipment. We would like to join hands and win together to provide customers with satisfactory quality products.



## Features:

- The air cooler uses internal threaded copper pipes, with compact product structure, high heat exchange, and small footprint.
- The air cooler adopts the spraying process, which is corrosion-resistant. The copper tube is a fork-shaped arrangement, which is integrally formed with a tube expander, which has the performance of high heat conduction efficiency.
- The air cooler adopts brand motor, low noise, high efficiency and low failure rate. The defrosting heating tube is made of stainless steel and filled with magnesium oxide, which is divided into fin defrosting and water pan defrosting, optimizing the defrosting position, fast defrosting speed, high efficiency, and small temperature change in the storage room.

## APPLICATION

This series of air coolers are mainly used for cold storage room. They are divided into three series: DL series, DD series, and DJ series. DL series is mainly used for cold storage at 0~8°C; DD series is mainly used for cold storage at about -18°C, and DJ series is mainly used for cold storage at about -25°C.

## Contact

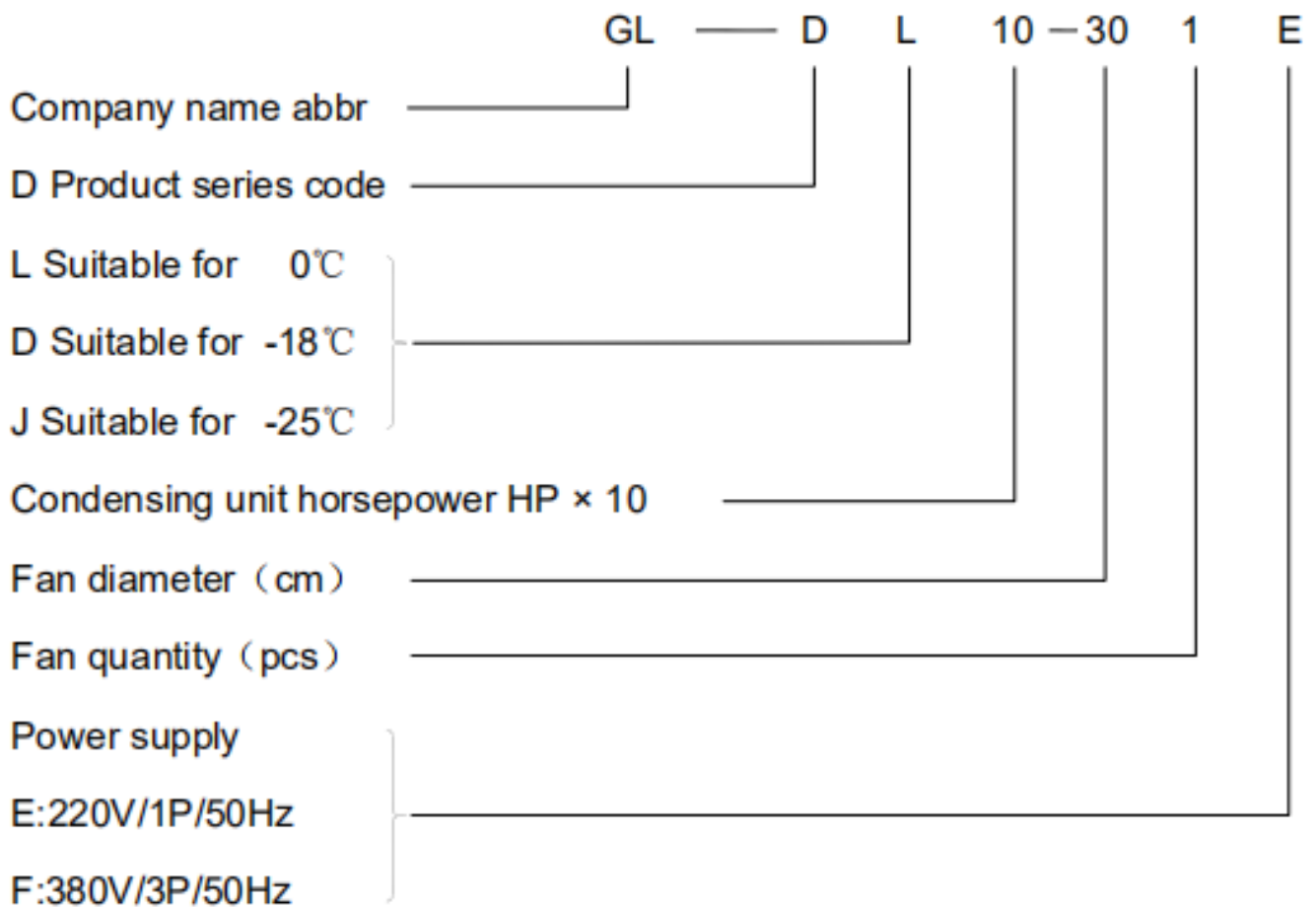
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# Model Nomenclature

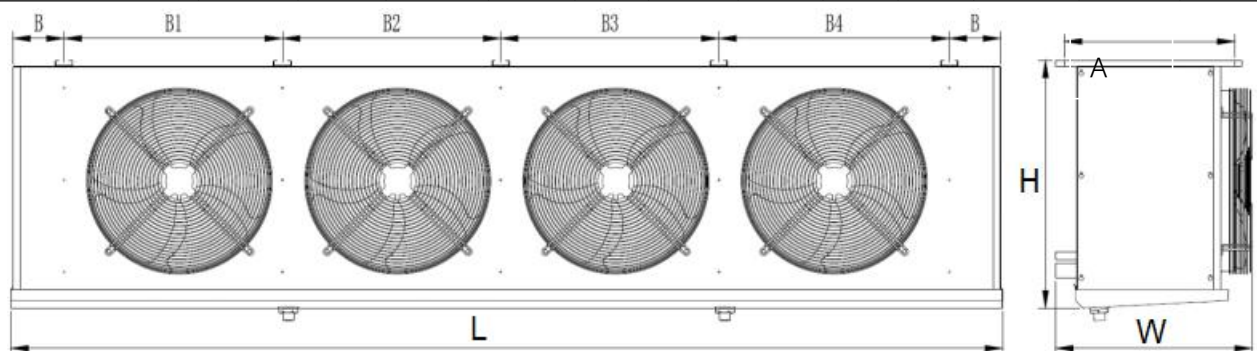
## Model Nomenclature



# AIR COOLER EVAPORATOR PARAMETER

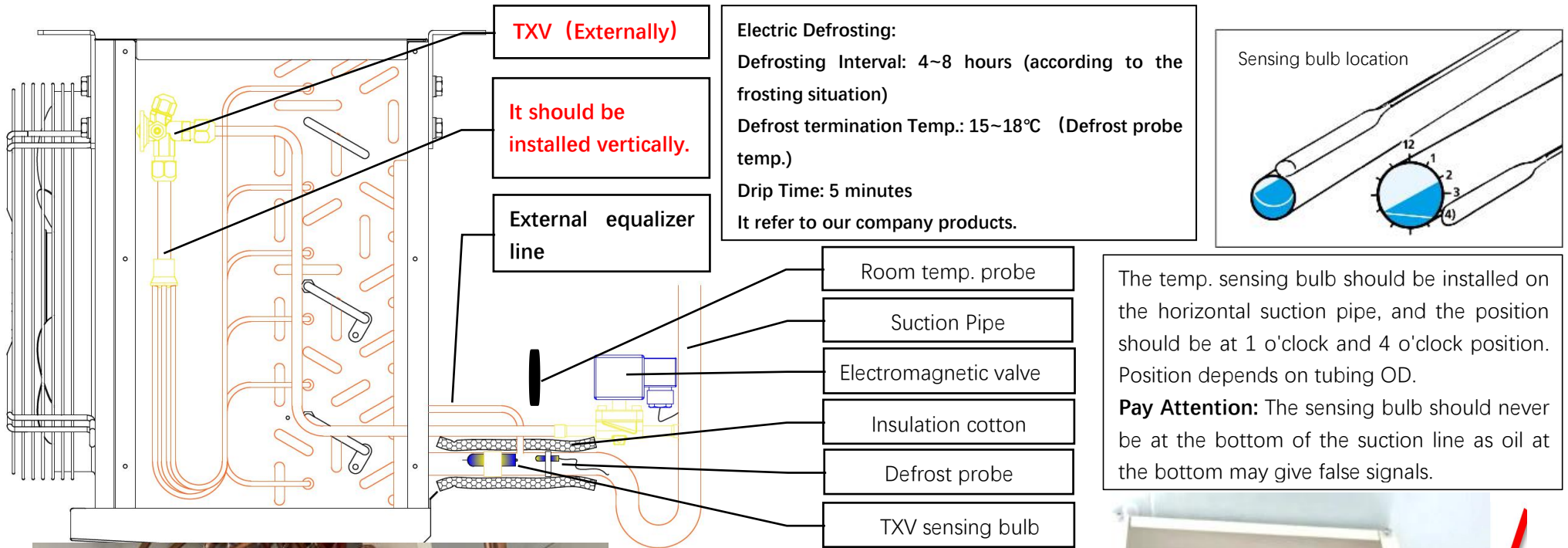
Model	Capacity	Application	Fan motor parameter				Heater parameter	
	DT=7K		Air flow	Voltage	Diameter	QTY	Voltage	Input power
	KW		m <sup>3</sup> /h	V	Φmm	PCS	V	KW
GL-DL15-301E	3.5 KW	Chilling 0°C	1835	220V	300	1	220V	1.4
GL-DD15-301E	2.3 KW	Freezing -18°C	1835	220V	300	1	220V	1.4
GL-DJ25-301E	1.7 KW	Blast freezing -25°C	1835	220V	300	1	220V	1.4
GL-DL25-302E	5.6 KW	Chilling 0°C	3670	220V	300	2	220V	2.2
GL-DD30-302E	3.5 KW	Freezing -18°C	3670	220V	300	2	220V	2.2
GL-DJ30-302E	2.4 KW	Blast freezing -25°C	3670	220V	300	2	220V	2.2
GL-DL30-302E	6 KW	Chilling 0°C	3670	220V	300	2	220V	3.5
GL-DD40-302E	4.5 KW	Freezing -18°C	3670	220V	300	2	220V	3.5
GL-DJ40-302E	2.7 KW	Blast freezing -25°C	3670	220V	300	2	220V	3.5
GL-DL40-352E/F	9 KW	Chilling 0°C	5000	220V/380V	350	2	220V	3.5
GL-DD50-352F	6 KW	Freezing -18°C	5000	380V	350	2	220V	3.5
GL-DJ50-352F	4.2 KW	Blast freezing -25°C	5000	380V	350	2	220V	3.5
GL-DL50-402F	13 KW	Chilling 0°C	7840	380V	400	2	220V	5.5
GL-DD60-402F	8 KW	Freezing -18°C	7840	380V	400	2	220V	5.5
GL-DJ60-402F	6 KW	Blast freezing -25°C	7840	380V	400	2	220V	5.5
GL-DL60-402F	14 KW	Chilling 0°C	7840	380V	400	2	220V	6.2
GL-DD70-402F	8.5 KW	Freezing -18°C	7840	380V	400	2	220V	6.2
GL-DJ70-402F	6.5 KW	Blast freezing -25°C	7840	380V	400	2	220V	6.2
GL-DL70-452F	16 KW	Chilling 0°C	10830	380V	450	2	220V	6.2
GL-DD80-452F	10 KW	Freezing -18°C	10830	380V	450	2	220V	6.2
GL-DJ80-452F	7 KW	Blast freezing -25°C	10830	380V	450	3	220V	6.2
GL-DL80-403F	19 KW	Chilling 0°C	11760	380V	400	3	220V	7.5
GL-DD100-403F	12.5 KW	Freezing -18°C	11760	380V	400	3	220V	7.5
GL-DJ100-403F	8.5 KW	Blast freezing -25°C	11760	380V	400	3	220V	7.5
GL-DL100-453F	25 KW	Chilling 0°C	16250	380V	450	3	220V	9.4
GL-DD120-453F	15.5 KW	Freezing -18°C	16250	380V	450	3	220V	9.4
GL-DJ120-453F	11.5 KW	Blast freezing -25°C	16250	380V	450	3	220V	9.4
GL-DL120-503F	27 KW	Chilling 0°C	22200	380V	500	3	220V	9.4
GL-DD150-503F	17.5 KW	Freezing -18°C	22200	380V	500	3	220V	9.4
GL-DJ150-503F	13 KW	Blast freezing -25°C	22200	380V	500	3	220V	9.4
GL-DL150-504F	34 KW	Chilling 0°C	29600	380V	500	4	220V	11.2
GL-DD180-504F	22.5 KW	Freezing -18°C	29600	380V	500	4	220V	11.2
GL-DJ180-504F	16 KW	Blast freezing -25°C	29600	380V	500	4	220V	11.2

Model	External Dimension mm			Install Dimension mm						Refrigerant Pipe		Water pipe
	L	W	H	A	B	B1	B2	B3	B4	Inlet	Outlet	OD
GL-DL15-301E	660	470	480	365	112	435				12.7	19.05	Φ32
GL-DD15-301E												
GL-DJ25-301E												
GL-DL25-302 E	1100	470	480	365	112	875				12.7	22	Φ32
GL-DD30-302 E												
GL-DJ30-302 E												
GL-SL25-401F	880	550	615	465	113	635				12.7	22	Φ32
GL-SD30-401F												
GL-SJ30-401F												
GL-DL30-302 E	1260	470	480	365	112	1035				12.7	22	Φ32
GL-DD40-302 E												
GL-DJ40-302 E												
GL-SL30-401F	880	550	615	465	113	635				12.7	22	Φ32
GL-SD40-401F												
GL-SJ40-401F												
GL-DL40-352 E/F	1300	500	545	385	112	1075				15.88	22	Φ32
GL-DD50-352F												
GL-DJ50-352F												
GL-DL50-402 F	1550	485	610	400	132	1285				15.88	22	Φ32
GL-DD60-402F												
GL-DJ70-402F												
GL-SL50-451F	1120	660	675	465	123	875				15.88	22	Φ32
GL-SD60-451F												
GL-SJ60-451F												
GL-DL60-402F	1700	485	610	400	132	1435				15.88	28	Φ32
GL-DD70-402F												
GL-DJ80-402F												
GL-DL70-452F	1700	485	675	400	132	1435				15.88	28	Φ32
GL-DD80-452F												
GL-DJ80-452F												
GL-DL80-403F	1980	485	675	400	132	560	560	594		15.88	28	Φ32
GL-DD100-403F												
GL-DJ100-403F												
GL-DL100-453F	2440	515	685	450	152	700	700	734		22	35	Φ32
GL-DD120-453F												
GL-DJ120-453F												
GL-DL120-503F	2440	545	750	480	152	700	700	734		22	35	Φ32
GL-DD150-503F												
GL-DJ150-503F												
GL-DL150-504F	2840	545	750	480	152	625	625	625	660	22	42	Φ32*2
GL-DD180-504F												
GL-DJ180-504F												





## TXV Installation Recommendations



The temp. sensing bulb should be installed on the horizontal suction pipe, and the position should be at 1 o'clock and 4 o'clock position. Position depends on tubing OD.

**Pay Attention:** The sensing bulb should never be at the bottom of the suction line as oil at the bottom may give false signals.



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- ✓ Indoor Condensing Units
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- ✓ Refrigeration Compressors



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