

OUTDOOR CONDENSING UNIT

DISCOVER THE RANGES



INFO@GREEHVACR.COM

www.glenrefrigeration.com

www.greehvacr.com



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 and so on.

Glen Refrigeration is also a professional supplier of rotary compressors for air conditioning, commercial refrigeration and transport refrigeration. We have horizontal air conditioning compressor, horizontal refrigeration compressor, DC compressor, R32 compressor, Propane R290 compressor, Inverter compressor and so on.

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.



Application

The outdoor condensing unit is applied for different kinds of high temp., medium temp., low temp. cold room and freezer rooms, refrigerated display cabinet and industrial refrigeration.

Features and benefits

- The appearance of the outdoor box-type condensing unit is similar to that of the air conditioner outdoor unit, simple installation, and no rainproof facilities are required.
- Wide evaporating temperature, high and medium temp. outdoor condensing unit, medium and low temp. outdoor condensing unit. Customers can choose according to different application.
- The functional components and protection devices required by the refrigeration system are installed, with accurate control and reliable operation, and can be used in various refrigeration equipment.
- Liquid injection cooling is used to reduce the high discharge temperature of the compressor and protect the condensing unit.
- Low temperature environment components are optional for stable operation in cold areas.
- Different types of compressors, Sanyo compressor, Panasonic compressor and Emerson compressor are all available.
- Refrigeration accessories can be added according to customer requirements.

3HP-15HP Emerson ZB Series Compressor Outdoor Condensing Unit Parameters

MODEL		GL-GN20EM	GL-GN30EM	GL-GN40EM	GL-GN20FM	GL-GN30FM	GL-GN40FM	GL-GN50FM	GL-GN60FM	GL-GN70FM	GL-GN80FM	GL-GN100FM	GL-GN130FM	GL-GN150FM	
POWER SUPPLY		SINGLE PHASE 220V/50HZ					THREE PHASE 380V/50HZ								
EVAP.TEMP. RANGE		-25°C~5°C													
AMBIENT TEMPERATURE		0~40°C													
REFRIGERANT		R404A													
PRESSURE CONTROLLER		HIGH PRESSURE & LOW PRESSURE SWITCH													
EMERSON COMPRESSOR	POWER	2HP	3HP	4HP	2HP	3HP	4HP	5HP	6HP	7HP	8HP	10HP	13HP	15HP	
	MODEL	ZB15KQE	ZB21KQE	ZB29KQE	ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB58KQE	ZB76KQE	ZB95KQE	ZB114KQE	
CONDENSER FAN MOTOR	FAN QTY	1	1	1	1	1	1	2	2	2	2	2	2	2	
	POWER SUPPLY	SINGLE PHASE 220V/50HZ										THREE PHASE 380V/50HZ			
	POWER(W)	160W						250W				415W			
PIPE(mm/inch)	SUCTION OD	15.88(3/8")					19.05(3/4")			22.2(7/8")	28.5(1 1/8")			34.93(1 3/8")	
	LIQUID OD	9.52(3/8")					12.7(1/2")			15.88(5/8")					
EXTERNAL DIMENSION (mm) L*W*H		995	1000		995	1000		1010			1340	1340	1550	1550	
		420	420		420	420		440			780	780	890	890	
		675	822		675	822		1220			920	1130	1150	1400	
INSTALL DIMENSION (mm) HOLE- L*W		φ12-585*380			φ12-585*380			φ12-585*400			φ12-(420+420)*740			φ12-(570+570)*860	
		18-A	18-B		18-A	18-B		18-C			18-D		18-E		
COOLING CAPACITY	EVAP. TEMP.(°C)	COOLING CAPACITY:W AMBIENT TEMPERATURE: 32°C													
	-25°C	2093	3140	4250	2093	3140	4250	5340	6280	6910	7950	11160	13670	16100	
	-20°C	2520	3780	5150	2520	3780	5150	6380	7540	8290	9460	13300	16290	19220	
	-15°C	3073	4610	6290	3073	4610	6290	7850	9170	10090	10770	16040	19650	23200	
	-10°C	3666	5500	7480	3666	5500	7480	9300	10950	12040	13560	19050	23340	27600	
	-5°C	4400	6600	8860	4400	6600	8860	11000	12890	14180	15950	22330	27360	32690	
	0°C	5266	7900	10260	5266	7900	10260	12800	15700	17270	18500	25960	31850	37970	
5°C	6233	9350	12650	6233	9350	12650	15800	18600	20460	21320	29850	36600	44050		

MODEL		GL-GN30FLF	GL-GN40FLF	GL-GN50FLF	GL-GN60FLF	GL-GN70FLF	GL-GN80FLF	GL-GN100FLF	GL-GN120FLF	GL-GN150FLF	
POWER SUPPLY		THREE PHASE 380V/50HZ									
EVAP.TEMP. RANGE		-40°C~5°C									
AMBIENT TEMPERATURE		0~40°C									
REFRIGERANT		R404A									
PRESSURE CONTROLLER		HIGH PRESSURE & LOW PRESSURE SWITCH									
EMERSON COMPRESSOR	POWER	3HP	4HP	5HP	6HP	7HP	8HP	10HP	12HP	15HP	
	MODEL	ZF09KQE	ZF13KQE	ZF15KQE	ZF18KQE	ZF25KQE	ZF28KQE	ZF34KQE	ZF41KQE	ZF49KQE	
FAN MOTOR	FAN QTY	1	1	2	2	2	2	2	2	2	
	POWER SUPPLY	SINGLE PHASE 220V/50HZ						THREE PHASE 380V/50HZ			
	POWER(W)	160W			250W			415W			
PIPE(mm/inch)	SUCTION OD	15.88(5/8")		19.05(3/4")			22.2(7/8")	28.5(1 1/8")		34.93(1 3/8")	
	LIQUID OD	9.52(3/8")		12.7(1/2")			15.88(5/8")				
EXTERNAL DIMENSION (mm) L*W*H		1000*420*822		1010*440*1220			1340*780*920	1340*780*1130	1550*890*1150	1550*900*1440	
INSTALL DIMENSION (mm) HOLE- L*W		φ12-585*380		φ12-585*400			φ12-(420+420)*740		φ12-(570+570)*860		
		18-B		18-C			18-D		18-E		
COOLING CAPACITY	EVAP. TEMP.(°C)	COOLING CAPACITY: W AMBIENT TEMPERATURE: 32°C									
	-40°C	1530	2190	2660	3290	4090	4670	5300	6710	8070	
	-35°C	1940	2780	3420	4170	5120	5850	6820	8560	10210	
	-30°C	2410	3480	4290	5170	6420	7340	8540	10620	12720	
	-25°C	2960	4310	5300	6340	7960	9100	10510	12980	15650	
	-20°C	3600	5270	6470	7700	9730	11120	12790	15710	19050	
	-15°C	4350	6380	7840	9300	11710	13380	15440	18900	/	
	-10°C	5230	7660	9430	11170	13870	15850	18510	22640	/	
	-5°C	6230	9110	11260	13360	16200	18510	22060	26990	/	
	0°C	7390	10760	13360	15910	/	/	/	/	/	
5°C	8710	12610	15760	18840	/	/	/	/	/		

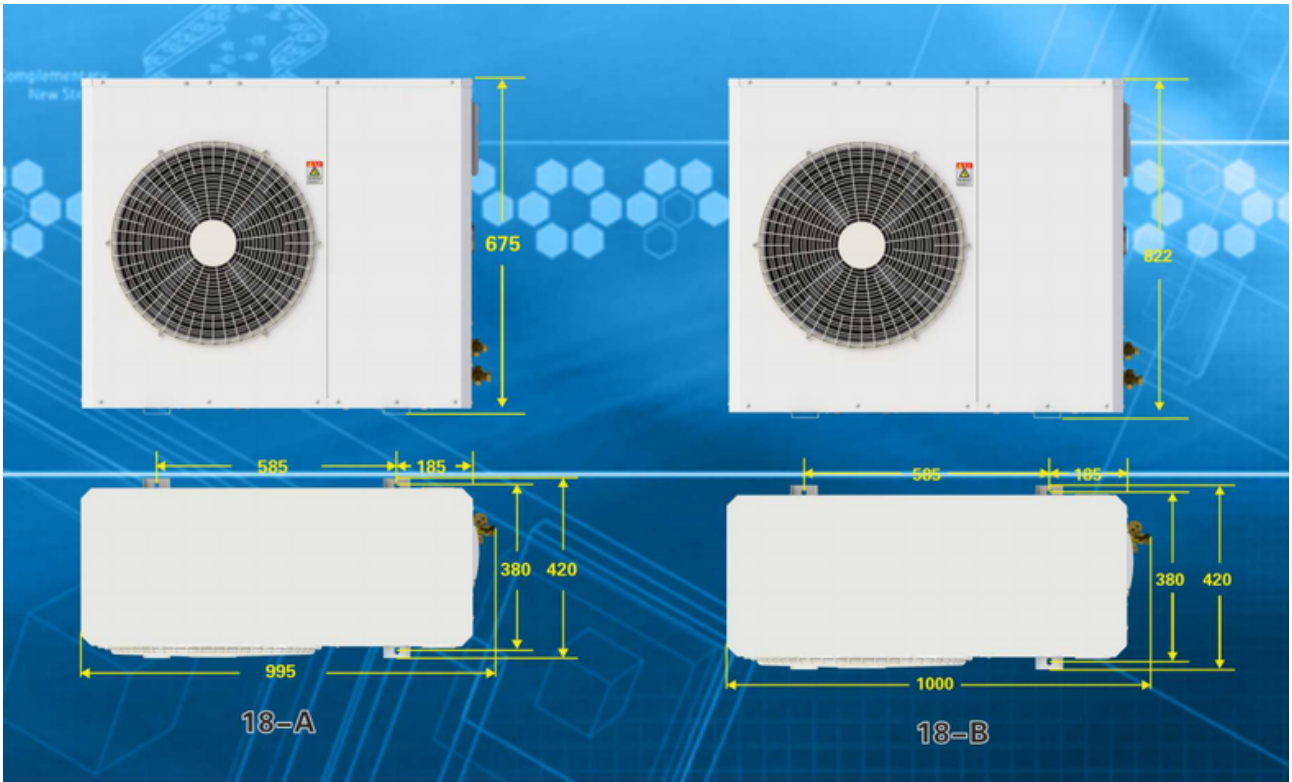
4HP-15HP EMERSON ZFI Series Vapor Injection Outdoor Condensing Unit Parameters

MODEL		GL-GN40FLI	GL-GN60FLI	GL-GN70FLI	GL-GN80FLI	GL-GN100FLI	GL-GN120FLI	GL-GN150FLI	
POWER SUPPLY		THREE PHASE 380V/50HZ							
EVAP.TEMP. RANGE		-40°C~5°C							
AMBIENT TEMPERATURE		0~40°C							
REFRIGERANT		R404A							
PRESSURE CONTROLLER		HIGH PRESSURE & LOW PRESSURE SWITCH							
EMERSON COMPRESSOR	POWER	4HP	6HP	7HP	8HP	10HP	12HP	15HP	
	MODEL	ZFI20KQE	ZFI26KQE	ZFI36KQE	ZFI39KQE	ZFI50KQE	ZFI59KQE	ZFI68KQE	
FAN MOTOR	FAN QTY	1	2	2	2	2	2	2	
	POWER SUPPLY	SINGLE PHASE 220V/50HZ					THREE PHASE 380V/50HZ		
	POWER(W)	160W			250W		415W		
PIPE(mm/inch)	SUCTION OD	15.88(5/8")	19.05(3/4")		22.2(7/8")	28.5(1 1/8")		34.93(1 3/8")	
	LIQUID OD	9.52(3/8")	12.7(1/2")		15.88(5/8")				
EXTERNAL DIMENSION (mm) L*W*H		1000*420*822	1010*440*1220		1340*780*920	1340*780*1130	1550*890*1150	1550*900*1440	
INSTALL DIMENSION (mm) HOLE- L*W		φ12-585*380		φ12-585*400		φ12-(420+420)*740		φ12-(570+570)*860	
		18-B		18-C		18-D		18-E	
COOLING CAPACITY	Evap Temp(°C)	COOLING CAPACITY: W AMBIENT TEMPERATURE: 32°C							
	-40°C	3250	5090	6290	7220	8660	10550	11970	
	-35°C	4070	6120	7670	8800	10290	12530	14230	
	-30°C	4990	7330	9270	10630	12400	15090	17130	
	-25°C	6040	8740	11080	12710	14910	18160	20600	
	-20°C	7230	10390	13090	15040	17770	21650	24560	
	-15°C	8600	12300	15320	17580	20940	25510	/	
	-10°C	10140	14490	17740	20350	24340	29650	/	
	-5°C	11900	17010	20320	23340	27910	34010	/	
	0°C	13880	19860	/	/	/	/	/	
5°C	16110	23060	/	/	/	/	/		

3HP-7HP EMERSON ZSI Series Compressor Outdoor Condensing Unit Parameters

MODEL		GL-GN30EL	GL-GN40EL	GL-GN30FL	GL-GN40FL	GL-GN50FL	GL-GN60FL	GL-GN70FL
POWER SUPPLY		SINGLE PHASE 220V/50HZ			THREE PHASE 380V/50HZ			
EVAP.TEMP. RANGE		-30°C~0°C						
AMBIENT TEMPERATURE		0~40°C						
REFRIGERANT		R404A						
PRESSURE CONTROLLER		HIGH PRESSURE & LOW PRESSURE SWITCH						
EMERSON COMPRESSOR	POWER	3HP	4HP	3HP	4HP	5HP	6HP	7HP
	MODEL	ZSI08KQE	ZSI11KQE	ZSI09KQE	ZSI11KQE	ZSI15KQE	ZSI18KQE	ZSI21KQE
FAN MOTOR	FAN QTY	1	1	1	1	2	2	2
	POWER SUPPLY	SINGLE PHASE 220V/50HZ						
	POWER(W)	160W						
PIPE(mm/inch)	SUCTION OD	15.88(5/8")		15.88(5/8")		19.05(3/4")		
	LIQUID OD	9.52(3/8")		9.52(3/8")		12.7(1/2")		
EXTERNAL DIMENSION (mm) L*W*H		1000*420*822		1000*420*822		1010*440*1220		
INSTALL DIMENSION (mm) HOLE- L*W		Φ12-585*380		Φ12-585*380		Φ12-585*400		
		18-B		18-B		18-C		
COOLING CAPACITY	Evap Temp(°C)	COOLING CAPACITY: W AMBIENT TEMPERATURE: 32°C						
	-30°C	2080	2810	2340	2790	4010	5160	5770
	-25°C	2590	3600	2930	3570	5110	6380	7100
	-20°C	3190	4460	3600	4420	6310	7810	8700
	-15°C	3890	5420	4370	5380	7660	9480	10570
	-10°C	4700	6550	5250	6490	9240	11420	12740
	-5°C	5640	7880	6270	7810	11110	13660	15220
	0°C	6710	9460	7440	9380	13350	16230	18030

Condensing Unit Model		GL-GN200FM	GL-GN220FM	GL-GN250FM	GL-GN180FLF	GL-GN200FLI	GL-GN250FLI
Power Supply		380V/50HZ 3 PHASE					
Evaperating Temp(°C)		-20 ~ 10 F°C			-15 ~ -40 °C		
Ambient Temp(°C)		0 ~ 40 °C					
Refrigerant		R404A					
Compressor Model		ZB130KQE	ZB150KQE	ZB190KQE	ZF54KQE	ZFI81KQE	ZFI96KQE
Pressure Controller		HIGH PRESSURE: FIXED LOW PRESSURE: ADJUSTABLE+FIXED					
Condenser	Fan Motor Qty (PCS)	2					
	Power Supply	380V/50HZ 3 PHASE					
	Power(W)	780	800		780		800
Pipe(mm)(inch)	Suction OD	34.93(1-3/8")	41.27(1-5/8")		34.93(1-3/8")		41.27(1-5/8")
	Liquid Outlet OD	19.05(3/4")	22.22(7/8")		19.05(3/4")		22.22(7/8")
External Dimension(mm)	L±3	1805	1955	1955	1805	1805	1955
	W±3	961	961	961	961	961	961
	H±3	1820	1820	1900	1820	1820	1900
Cooling Capacity	Evaperating Temp(°C)	COOLING CAPACITY: W AMBIENT TEMPERATURE:32°C					
	-40				9230	13600	17450
	-35				11690	16230	21300
	-30				14560	19550	25700
	-25				17910	23500	30900
	-20	20640	25520	31950	21800	28030	37100
	-15	25420	31000	38810			44400
	-10	30830	37390	46810			52900
	-5	36980	44780	56060			62900
	0	44000	53270	66700			
	5	52000	62980	78850			
	10	61110	74000	92640			





FACTORY VIEW



WE PROVIDE OUR BEST

PRODUCTS AND SERVICES

- ✓ Monoblock Refrigeration Units
- ✓ Outdoor Condensing Units
- ✓ Indoor Condensing Units
- ✓ Air Conditioner Compressors
- ✓ Refrigeration Compressors



Contact us for more information

www.greehvacr.com

www.glenrefrigeration.com

Email: info@greehvacr.com

Mobile(Whatsapp): 86-15057108995