

ValueChill™

Outdoor Condensing Unit LT



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About Carrier

Carrier Global Corporation is a leading global provider of innovative heating, ventilating and air conditioning (HVAC), refrigeration, fire, security and building automation technologies. Supported by the iconic Carrier name, the company is committed to making the world safer and more comfortable for generations to come through its industry-leading brands such as Carrier, Kidde, Edwards, LenelS2 and Automated Logic. For more information, visit www.Carrier.com or follow us on social media at @Carrier.

Technical features

- Adopt famous top-brand compressor, high efficiency, good anti-vibration performance and low noise.
- PCB control system, adjust fan running-speed according to condensing temperature, steady running, smaller fluctuation of system pressure and temperature to realize high-quality foods storage.
- HP and LP pressure protection, compressor overload and overheat protection and phase sequence protection to guarantee system safety.
- Special design condenser, improve system sub-cooled, in which to increase refrigeration capacity and improve unit COP.
- Special economizer design for LT 8~15HP, wider capacity, higher COP and much more steady running conditions.
- Small size, easy installation and don't need special machine room.



Nomenclature

GQ|H|015|P|S|4|O3X

Design number

Power parameters (Voltage fluctuation range $\pm 10\%$)

1.208-203V/1PH/60Hz

3.200-230V/3PH/60Hz

4.380-400V/3PH/50Hz

5.230V/1PH/50Hz

9.380V/60Hz

Compressor number

S-single compressor

D-double compressor

Refrigerant

H-R22 / P-R404A

Nominal capacity, Kbtu/h@60Hz,ARI

Unit operation temperature

L-low temp / H-medium temp

Fixed-speed Hermetic CDU

Tube connection specification

➤ MT< Single Phase 2~4.5HP

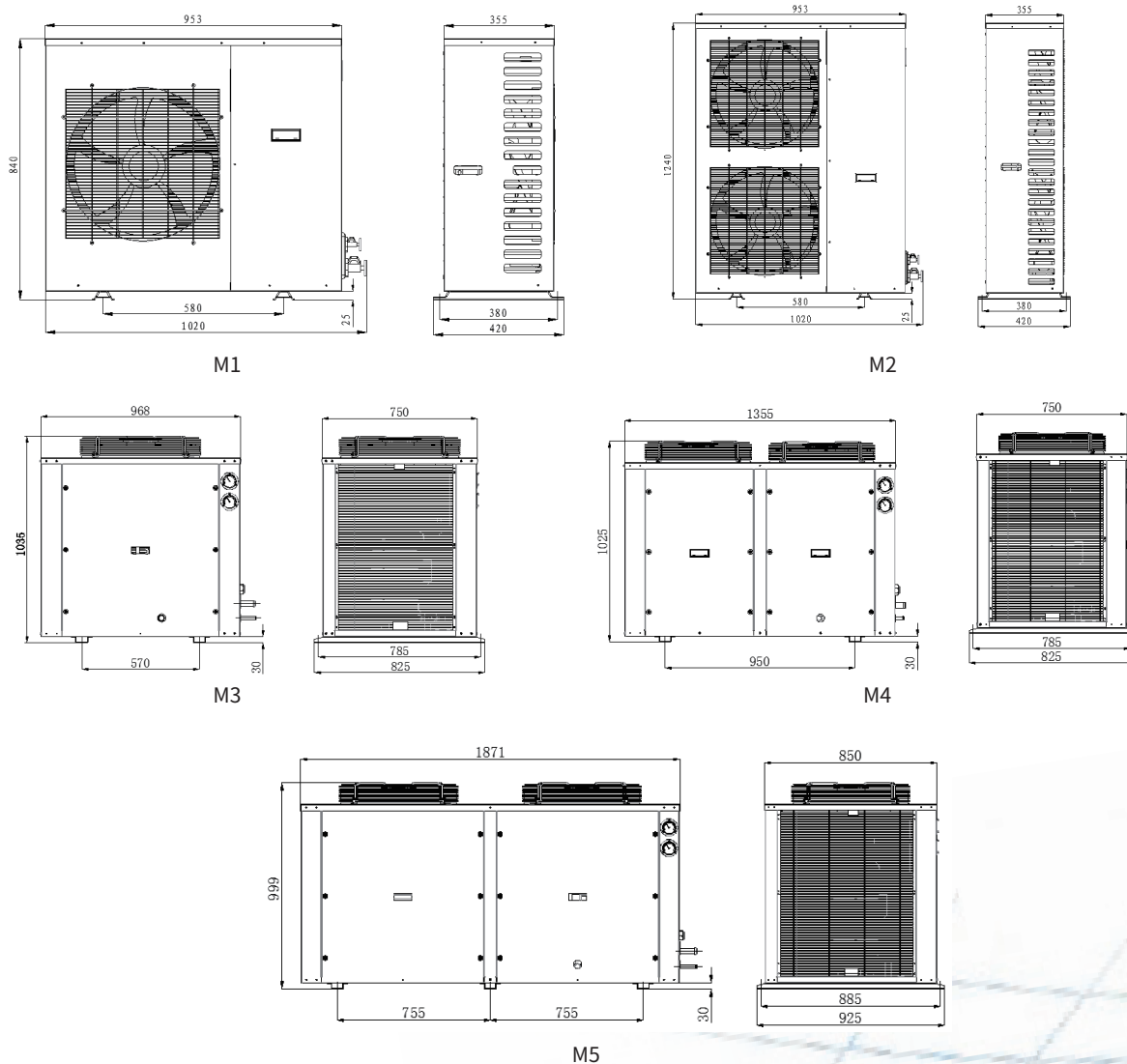
	GQH015	GQH021	GQH026	GQH006	GQH008	GQH011	GQH014
	2HP	3HP	3.5HP	2HP	2.5HP	4HP	4.5HP
Suction	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Liquid	3/8"	3/8"	1/2"	3/8"	3/8"	3/8"	1/2"
Connection	SAE	SAE	SAE	SAE	SAE	SAE	SAE

➤ LT Three Phase 2~6HP

	GQH006	GQH009	GQH011	GQH014	GQH015	GQH018
	2HP	3HP	4HP	4.5HP	5HP	6HP
Suction	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Liquid	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
Connection	SAE	SAE	SAE	SAE	SAE	SAE

➤ LT Three Phase 7~15HP

	GQH021	GQH036	GQH050	GQH059	GQH068
	7HP	8HP	10HP	13HP	15HP
Suction	7/8"	7/8"	1"1/8"	1"1/8"	1"1/8"
Liquid	1/2"	1/2"	5/8"	5/8"	5/8"
Connection	SAE	SAE	SAE	SAE	SAE



LT fixed-speed CDU



2HP -3HP, 1.94 – 2.72 kW



4HP -6HP, 3.39 – 6.11kW



7HP -10HP, 6.28 – 15.3 kW



13HP -15HP, 15.65 – 21.1 kW

Technical parameter-MT

Single-phase electricity CDU (MT<)

GQH			GQH015 *S5	GQH021 *S5	GQH026 *S5	GQH006 *S5	GQH009 *S5	GQH011 *S5	GQH014 *S5
Refrigerant			R404A/R22						
Size of casing			M1	M1	M2	M1	M1	M2	M2
R404A	Capacity ⁽¹⁾	kW	3.86	5.72	6.15	2.08	2.46	3.49	4.43
	Input power ⁽¹⁾	kW	1.74	2.7	3.42	1.88	2.23	3.04	3.61
R22	Capacity ⁽¹⁾	kW	3.73	5.43	6.27	2.12	2.39	3.45	4.39
	Input power ⁽¹⁾	kW	1.66	2.53	2.83	1.74	2.07	2.82	3.35
Volt.			220V/1N/50Hz						
Compressor	Number		1	1	1	1	1	1	1
	Model		ZB15KQE/ ZB15KQ	ZB21KQE/ ZB21KQ	ZB26KQE/ ZB26KQ	ZSI06KQE/ ZSI06KQ	ZSI08KQE/ ZSI08KQ	ZSI11KQE/ ZSI11KQ	ZSI14KQE/ ZSI14KQ
	Nominal power	HP	1x2	1x3	1x3.5	1x2	1x2.5	1x4	1x4.5
	MCC comp	R404A	A	16	23	24	13.6	15.6	19
		R22	A	16	23	24	11.5	13.1	18.4
	LRA comp.	R404A	A	58	82	97	51.2	63.9	128
		R22	A	58	82	97	51.2	63.9	128
Fan	motor	No.x Diameter	mm	1xØ450	1xØ450	1xØ450	1xØ450	1xØ450	2xØ450
		Power input	w	120	120	120	120	120	240
Receiver	Volume	L	6	6	6	3.9	3.9	5.7	5.7
Lubricant(R404A/R22)			RL32CF/3GS						
Oil charge of comp			L	1.24	1.45	1.45	0.74	0.74	1.36
Connections/SAE	Suction	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Liquid	inch	3/8"	3/8"	1/2"	3/8"	3/8"	3/8"	1/2"
Dimension			see below sketch						
Weight			kg	75	75	115	75	75	115

Note: Data above is based on SST= -7 °C , operation ambient temp(OAT)=32 °C ,return gas temp(RGT)=18 °C for MT CDU, SST=-23 °C , OAT=32 °C , RGT=5 °C for LT CDU; National Standard of China GB/T 21363⁽¹⁾;

Three-phase electricity CDU-LT

GQL				GQL006*S4	GQL009*S4	GQL011*S4	GQL014*S4	GQL015*S4	GQL018*S4
Refrigerant				R404A/R22					
Size of casing				M1	M1	M2	M2	M2	M2
R404A	Capacity ⁽¹⁾	kW		1.94	2.72	3.46	4.35	5.00	6.11
	Input power ⁽¹⁾	kW		1.99	2.34	2.72	3.42	3.74	4.58
R22	Capacity ⁽¹⁾	kW		1.97	2.59	3.39	4.31	4.92	5.98
	Input power ⁽¹⁾	kW		1.72	2.11	2.63	3.17	3.52	4.39
Volt.				380V/3N/50Hz					
Number				1	1	1	1	1	1
Model				ZSI06KQE/ ZSI06KQ	ZSI09KQE/ ZSI09KQ	ZSI11KQE/ ZSI11KQ	ZSI14KQE/ ZSI14KQ	ZSI15KQE/ ZSI15KQ	ZSI18KQE/ ZSI18KQ
Compressor	Nominal power	HP		1x2	1x3	1x4	1x4.5	1x5	1x6
	MCC comp	R404A	A	5.7	6.7	7.5	9.2	11.9	13.2
		R22	A	5.2	6.2	6.6	8.2	10.1	11.2
	LRA comp.	R404A	A	34.8	34.8	47	47	47	67
		R22	A	34.8	34.8	47	47	47	67
	Fan motor	No.x Diameter	mm	1xØ450	1xØ450	2xØ450	2xØ450	2xØ450	2xØ450
Power input				w	120	120	240	240	240
Receiver				Volume	L	3.9	3.9	5.7	5.7
Lubricant(R404A/R22)				RL32CF/3GS					
Oil charge of comp				L	0.74	0.74	1.36	1.36	1.89
Connections/SAE	Suction	inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Liquid	inch		3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
Dimension				see below sketch					
Weight				kg	75	75	115	115	115

Three-phase electricity CDU-LT

GQL				GQL021*S4	GQL036*S4	GQL050*S4	GQL059*S4	GQL068*S4	
Refrigerant				R404A/R22					
Size of casing				M3	M3	M3	M4	M4	
R404A	Capacity ⁽¹⁾		kW	6.28	10.42	15.30	18.60	21.10	
	Input power ⁽¹⁾		kW	5.19	6.8	8.83	10.82	12.45	
R22	Capacity ⁽¹⁾		kW	6.69	9.6	13.15	15.65	18.60	
	Input power ⁽¹⁾		kW	4.95	6.29	8.06	9.9	11.55	
Compressor	Volt.		380V/3N/50Hz						
	Number		1		1	1	1	1	
	Model		ZSI21KQE/ ZSI21KQ		ZFI36KQE	ZFI50KQE	ZFI59KQE	ZFI68KQE	
	Nominal power		HP	1x7	1x8	1x10	1x13	1x15	
	MCC comp	R404A	A	14.6	16	25	29	30	
		R22	A	13.6	16	25	29	30	
	LRA comp.	R404A	A	90.5	102	100	118	139	
		R22	A	90.5	102	100	118	139	
Fan	motor	No.x Diameter		mm	1xØ500	1xØ550	1xØ550	2xØ500	2xØ500
		Power input		w	424	639	639	848	848
Receiver	Volume		L	12	12	20	20	20	
Lubricant(R404A/R22)			RL32CF/3GS						
Oil charge of comp			L	1.89	1.9	3.4	3.4	3.4	
Connections/SAE	Suction		inch	7/8"	7/8"	1-1/8"	1-3/8"	1-3/8"	
	Liquid		inch	1/2"	1/2"	5/8"	5/8"	5/8"	
Dimension		see below sketch							
Weight			kg	130	200	200	250	250	

Note: Data above is based on SST=-7℃, operation ambient temp(OAT)=32℃, return gas temp(RGT)=5℃, National Standard of China GB/T 21363.

LT single phase performance

R22

Saturated suction temperature	-30°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS5O3X	1.62	1.34	1.57	1.48	1.54	1.63	1.49	1.8
GQL009HS5O3X	2.02	1.67	1.93	1.81	1.82	1.97	1.69	2.15
GQL011HS5O3X	2.98	2.17	2.85	2.35	2.69	2.53	2.52	2.76
GQL014HS5O3X	3.56	2.52	3.4	2.82	3.18	3.21	2.98	3.57

Saturated suction temperature	-25°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS5O3X	2.06	1.39	2	1.53	1.95	1.7	1.89	1.88
GQL009HS5O3X	2.46	1.75	2.34	1.89	2.19	2.05	2.04	2.24
GQL011HS5O3X	3.64	2.27	3.44	2.45	3.23	2.65	3.04	2.88
GQL014HS5O3X	4.54	2.62	4.31	2.92	4.02	3.32	3.8	3.71

Saturated suction temperature	-20°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS5O3X	2.52	1.43	2.44	1.58	2.38	1.76	2.3	1.95
GQL009HS5O3X	3.01	1.81	2.86	1.96	2.68	2.13	2.5	2.32
GQL011HS5O3X	4.41	2.48	4.13	2.65	3.88	2.85	3.65	3.12
GQL014HS5O3X	5.52	2.69	5.21	3.12	4.91	3.47	4.65	3.89

Saturated suction temperature	-15°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS5O3X	3.04	1.47	2.94	1.63	2.85	1.81	2.73	2.01
GQL009HS5O3X	3.64	1.9	3.44	2.06	3.23	2.24	3.03	2.44
GQL011HS5O3X	5.3	2.57	4.95	2.74	4.63	2.94	4.38	3.22
GQL014HS5O3X	6.67	2.95	6.27	3.26	5.9	3.63	5.59	4.07

Saturated suction temperature	-10°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS5O3X	3.65	1.5	3.52	1.67	3.39	1.86	3.23	2.07
GQL009HS5O3X	4.37	1.95	4.14	2.11	3.9	2.3	3.66	2.52
GQL011HS5O3X	6.34	2.65	5.9	2.81	5.53	3.02	5.23	3.32
GQL014HS5O3X	7.88	3.13	7.48	3.38	7.04	3.76	6.67	4.23

Note: Data above base on SST=-23C, OAT=32C, RGT=5C, SBC=0K.

R404A

Saturated suction temperature	-30°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS5O3X	1.88	1.58	1.74	1.7	1.61	1.78	1.44	1.89
GQL009PS5O3X	2.15	1.78	1.98	1.94	1.8	2.14	1.62	2.36
GQL011PS5O3X	2.96	2.15	2.76	2.17	2.58	2.73	2.39	3.11
GQL014PS5O3X	3.89	2.78	3.61	3.05	3.3	3.36	3	3.72

Saturated suction temperature	-25°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS5O3X	2.3	1.66	2.15	1.75	1.95	1.84	1.75	1.97
GQL009PS5O3X	2.64	1.89	2.44	2.06	2.21	2.26	2.03	2.43
GQL011PS5O3X	3.75	2.36	3.5	2.62	3.25	2.94	3	3.31
GQL014PS5O3X	4.81	2.98	4.45	3.26	4.06	3.56	3.68	3.92

Saturated suction temperature	-20°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS5O3X	2.78	1.73	2.6	1.81	2.36	1.91	2.11	2.04
GQL009PS5O3X	3.21	1.97	2.95	2.14	2.68	2.34	2.46	2.51
GQL011PS5O3X	4.58	2.5	4.27	2.77	3.95	3.08	3.62	3.45
GQL014PS5O3X	5.88	3.17	5.42	3.45	4.94	3.75	4.45	4.12

Saturated suction temperature	-15°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS5O3X	3.34	1.79	3.05	1.77	2.82	1.97	2.52	2.11
GQL009PS5O3X	3.79	2.06	3.53	2.2	3.2	2.4	2.87	2.62
GQL011PS5O3X	5.52	2.6	5.12	2.87	4.71	3.18	4.29	3.54
GQL014PS5O3X	7	3.4	6.41	3.68	5.93	3.94	5.32	4.31

Saturated suction temperature	-10°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS5O3X	3.97	1.84	3.62	1.93	3.34	2.02	2.98	2.17
GQL009PS5O3X	4.51	2.11	4.12	2.3	3.79	2.46	3.38	2.67
GQL011PS5O3X	6.48	2.73	6.08	2.96	5.57	3.27	5.04	3.62
GQL014PS5O3X	8.22	3.61	7.5	3.91	6.9	4.18	6.3	4.49

Note: Data above base on SST=-23C, OAT=32C, RGT=5C, SBC=0K.

LT 3 phase performance

R22

Saturated suction temperature	-40°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS4O3X	--	--	--	--	--	--	--	--
GQL009HS4O3X	--	--	--	--	--	--	--	--
GQL011HS4O3X	--	--	--	--	--	--	--	--
GQL014HS4O3X	--	--	--	--	--	--	--	--
GQL015HS4O3X	--	--	--	--	--	--	--	--
GQL018HS4O3X	--	--	--	--	--	--	--	--
GQL021HS4O3X	--	--	--	--	--	--	--	--
GQL036HS4O3X	5.33	3.74	5.09	4.33	4.83	5.01	4.5	5.89
GQL050HS4O3X	7.33	5.13	6.96	5.93	6.56	6.86	5.95	8.36
GQL059HS4O3X	8.67	6.39	8.33	7.15	7.9	8.2	7.34	9.59
GQL068HS4O3X	10.35	7.34	9.95	8.27	9.41	9.54	8.57	11.6

Saturated suction temperature	-35°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS4O3X	--	--	--	--	--	--	--	--
GQL009HS4O3X	--	--	--	--	--	--	--	--
GQL011HS4O3X	--	--	--	--	--	--	--	--
GQL014HS4O3X	--	--	--	--	--	--	--	--
GQL015HS4O3X	--	--	--	--	--	--	--	--
GQL018HS4O3X	--	--	--	--	--	--	--	--
GQL021HS4O3X	--	--	--	--	--	--	--	--
GQL036HS4O3X	6.56	4.2	6.33	4.72	6.05	5.4	5.59	6.49
GQL050HS4O3X	8.9	5.69	8.56	6.39	8.14	7.33	7.47	8.83
GQL059HS4O3X	10.7	6.83	10.35	7.63	9.86	8.7	9.1	10.44
GQL068HS4O3X	12.7	7.97	12.25	8.93	11.55	10.51	10.75	12.3

Saturated suction temperature	-30°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS4O3X	1.64	1.31	1.56	1.45	1.46	1.59	1.35	1.75
GQL009HS4O3X	2	1.75	1.9	1.93	1.79	2.14	1.67	2.37
GQL011HS4O3X	2.91	2.21	2.74	2.37	2.55	2.54	2.37	2.76
GQL014HS4O3X	3.5	2.4	3.32	2.66	3.12	2.95	2.93	3.28
GQL015HS4O3X	4.24	2.77	4	3.03	3.73	3.32	3.49	3.66
GQL018HS4O3X	5.02	3.29	4.78	3.73	4.51	4.25	4.16	4.89
GQL021HS4O3X	5.54	4.05	5.33	4.43	5.09	4.83	4.77	5.32
GQL036HS4O3X	7.9	4.62	7.64	5.14	7.32	5.81	6.81	6.89
GQL050HS4O3X	10.7	6.24	10.25	7.12	9.67	8.11	9.14	9.38
GQL059HS4O3X	12.85	7.5	12.75	8.31	11.9	9.4	11.05	11.15
GQL068HS4O3X	15.25	8.76	14.75	9.73	14	11.3	13.15	13.05

R22

Saturated suction temperature	-25°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS4O3X	2	1.4	1.91	1.55	1.79	1.71	1.66	1.74
GQL009HS4O3X	2.55	1.8	2.42	2	2.28	2.21	2.13	2.46
GQL011HS4O3X	3.53	2.3	3.32	2.47	3.11	2.65	2.89	2.89
GQL014HS4O3X	4.45	2.48	4.22	2.76	3.99	3.07	3.76	3.43
GQL015HS4O3X	5.17	2.91	4.86	3.18	4.54	3.48	4.24	3.84
GQL018HS4O3X	6.07	3.43	5.77	3.91	5.44	4.47	5.04	5.15
GQL021HS4O3X	6.63	4.18	6.39	4.57	6.11	5.01	5.76	5.51
GQL036HS4O3X	9.42	5.06	9.06	5.69	8.67	6.37	8.18	7.3
GQL050HS4O3X	12.75	6.97	12.3	7.72	11.6	8.92	10.9	10.23
GQL059HS4O3X	15.35	8.27	14.75	9.28	14.1	10.41	13.3	11.85
GQL068HS4O3X	18.1	9.81	17.55	10.83	16.6	12.5	15.6	14.3

Saturated suction temperature	-20°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS4O3X	2.46	1.47	2.33	1.63	2.19	1.81	2.05	1.99
GQL009HS4O3X	3.15	1.91	2.98	2.11	2.8	2.34	2.6	2.61
GQL011HS4O3X	4.27	2.39	4.02	2.56	3.77	2.75	3.52	3.01
GQL014HS4O3X	5.47	2.61	5.19	2.9	4.91	3.23	4.57	3.68
GQL015HS4O3X	6.19	3.12	5.8	3.4	5.41	3.72	5.06	4.1
GQL018HS4O3X	7.36	3.57	6.91	4.2	6.52	4.8	6.12	5.39
GQL021HS4O3X	8.06	4.36	7.75	4.76	7.41	5.22	7.01	5.74
GQL036HS4O3X	11.2	5.6	10.85	6.13	10.4	6.81	9.71	7.9
GQL050HS4O3X	15.15	7.69	14.6	8.46	13.95	9.46	--	--
GQL059HS4O3X	18.2	9.15	17.5	10.19	16.9	11.1	15.8	12.85
GQL068HS4O3X	21.5	10.85	20.8	11.9	19.9	13.3	--	--

Saturated suction temperature	-15°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006HS4O3X	2.97	1.56	2.81	1.73	2.65	1.92	2.47	2.13
GQL009HS4O3X	3.83	2.02	3.62	2.24	3.39	2.48	3.13	2.77
GQL011HS4O3X	5.15	2.48	4.86	2.65	4.56	2.85	4.26	3.13
GQL014HS4O3X	6.56	2.81	6.21	3.12	5.86	3.47	5.52	3.87
GQL015HS4O3X	7.45	3.28	6.98	3.57	6.5	3.9	6.08	4.3
GQL018HS4O3X	8.82	3.82	8.35	4.39	7.87	5.01	7.3	5.73
GQL021HS4O3X	9.72	4.64	9.32	5.06	8.89	5.55	8.4	6.12
GQL036HS4O3X	13.35	6.12	12.9	6.66	12.4	7.36	--	--
GQL050HS4O3X	18	8.34	17.35	9.12	16.35	10.37	--	--
GQL059HS4O3X	21.7	9.88	21	10.73	20.2	11.85	--	--
GQL068HS4O3X	--	--	--	--	--	--	--	--

Note: Data above base on SST=-23C, OAT=32C, RGT=5C, SBC=0K.

R404A

Saturated suction temperature	-40°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS4O3X	--	--	--	--	--	--	--	--
GQL009PS4O3X	--	--	--	--	--	--	--	--
GQL011PS4O3X	--	--	--	--	--	--	--	--
GQL014PS4O3X	--	--	--	--	--	--	--	--
GQL015PS4O3X	--	--	--	--	--	--	--	--
GQL018PS4O3X	--	--	--	--	--	--	--	--
GQL021PS4O3X	--	--	--	--	--	--	--	--
GQL036PS4O3X	6.31	4.5	6.22	4.85	6.17	5.22	6.17	5.62
GQL050PS4O3X	8.78	6.35	8.51	6.9	8.13	7.65	7.77	8.34
GQL059PS4O3X	10.75	7.67	10.45	8.34	10.05	9.08	9.55	10.06
GQL068PS4O3X	12.15	8.78	11.8	9.56	11.3	10.6	10.8	11.55

Saturated suction temperature	-35°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS4O3X	--	--	--	--	--	--	--	--
GQL009PS4O3X	--	--	--	--	--	--	--	--
GQL011PS4O3X	--	--	--	--	--	--	--	--
GQL014PS4O3X	--	--	--	--	--	--	--	--
GQL015PS4O3X	--	--	--	--	--	--	--	--
GQL018PS4O3X	--	--	--	--	--	--	--	--
GQL021PS4O3X	--	--	--	--	--	--	--	--
GQL036PS4O3X	7.71	4.9	7.54	5.33	7.4	5.79	7.27	6.39
GQL050PS4O3X	10.25	6.96	9.96	7.57	9.62	8.25	9.24	8.98
GQL059PS4O3X	12.65	8.28	12.3	8.99	11.8	9.95	11.35	10.83
GQL068PS4O3X	14.3	9.49	13.8	10.49	13.35	11.4	12.85	12.45

Saturated suction temperature	-30°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS4O3X	1.61	1.53	1.46	1.66	1.3	1.77	1.12	1.92
GQL009PS4O3X	2.25	1.87	1.98	2.07	1.69	2.31	1.42	2.59
GQL011PS4O3X	2.73	2.05	2.51	2.29	2.3	2.59	2.05	3.02
GQL014PS4O3X	3.82	2.63	3.54	2.89	3.24	3.18	2.95	3.52
GQL015PS4O3X	4.15	2.92	3.88	3.21	3.65	3.51	3.34	3.92
GQL018PS4O3X	5.24	3.8	4.87	4.12	4.47	4.49	4.05	4.96
GQL021PS4O3X	5.93	4.26	5.52	4.61	5.09	5.02	4.64	5.52
GQL036PS4O3X	9.29	5.29	8.99	5.89	8.76	6.44	8.54	7.03
GQL050PS4O3X	12.25	7.47	11.9	8.12	11.55	8.84	11.05	9.8
GQL059PS4O3X	15	9.13	14.6	9.8	14.15	10.66	13.6	11.6
GQL068PS4O3X	17	10.35	16.55	11.25	16	12.25	15.45	13.35

R404A

Saturated suction temperature	-25°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS4O3X	1.96	1.67	1.78	1.78	1.62	1.87	1.42	2.02
GQL009PS4O3X	2.74	2.04	2.49	2.2	2.09	2.49	1.79	2.78
GQL011PS4O3X	3.45	2.29	3.18	2.54	2.92	2.85	2.64	3.2
GQL014PS4O3X	4.72	2.82	4.37	3.08	3.99	3.37	3.61	3.71
GQL015PS4O3X	5.15	3.1	4.83	3.42	4.53	3.75	4.18	4.14
GQL018PS4O3X	6.39	3.99	5.92	4.31	5.42	4.68	4.9	5.16
GQL021PS4O3X	7.2	4.49	6.7	4.85	6.16	5.26	5.6	5.76
GQL036PS4O3X	11	5.78	10.65	6.35	10.3	6.97	9.91	7.78
GQL050PS4O3X	14.6	8.1	14.15	8.81	13.7	9.59	--	--
GQL059PS4O3X	17.95	9.62	17.45	10.46	16.8	11.55	16.2	11.75
GQL068PS4O3X	20.2	11.25	19.65	12.2	19	13.3	18.35	11.4

Saturated suction temperature	-20°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS4O3X	2.43	1.75	2.26	1.84	2.02	1.95	1.78	2.1
GQL009PS4O3X	3.2	2.17	2.97	2.34	2.59	2.58	2.25	2.87
GQL011PS4O3X	4.29	2.42	3.95	2.68	3.62	2.98	3.26	3.33
GQL014PS4O3X	5.78	3	5.32	3.26	4.85	3.55	4.37	3.9
GQL015PS4O3X	6.28	3.29	5.88	3.62	5.48	3.98	5.02	4.4
GQL018PS4O3X	7.72	4.22	7.13	4.54	6.5	4.92	5.86	5.41
GQL021PS4O3X	8.59	4.81	7.94	5.17	7.4	5.51	6.7	6.01
GQL036PS4O3X	12.8	6.28	12.35	6.9	11.9	7.6	--	--
GQL050PS4O3X	17.15	8.76	16.65	9.52	16.1	10.35	--	--
GQL059PS4O3X	21.1	10.39	20.5	11.3	19.85	12.25	--	--
GQL068PS4O3X	23.8	12.15	23.1	13.2	22.4	7.36	--	--

Saturated suction temperature	-15°C							
Ambient temperature	27°C		32°C		37°C		42°C	
Model	Q kW	P kW	Q kW	P kW	Q kW	P kW	Q kW	P kW
GQL006PS4O3X	3	1.82	2.73	1.92	2.5	2.01	2.21	2.18
GQL009PS4O3X	3.96	2.24	3.52	2.46	3.08	2.71	2.71	3
GQL011PS4O3X	5.23	2.51	4.82	2.77	4.4	3.07	3.95	3.41
GQL014PS4O3X	6.87	3.22	6.42	3.43	5.82	3.72	5.23	4.08
GQL015PS4O3X	7.45	3.57	7.03	3.84	6.5	4.22	5.89	4.67
GQL018PS4O3X	9.09	4.53	8.35	4.86	7.72	5.18	6.92	5.69
GQL021PS4O3X	10.3	5.06	9.49	5.43	8.64	5.86	7.94	6.27
GQL036PS4O3X	14.75	6.78	14.2	7.47	13.65	8.24	--	--
GQL050PS4O3X	19.95	9.43	19.3	10.26	18.65	11.14	--	--
GQL059PS4O3X	24.6	11.2	23.8	12.15	23	13.2	--	--
GQL068PS4O3X	--	--	--	--	--	--	--	--

Note: Data above based on SST=-23°C, OAT=32°C, RGT=5°C, SBC=0K.



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