

ValueChill™

Outdoor Condensing Unit MT



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 Three Phase 2~6HP

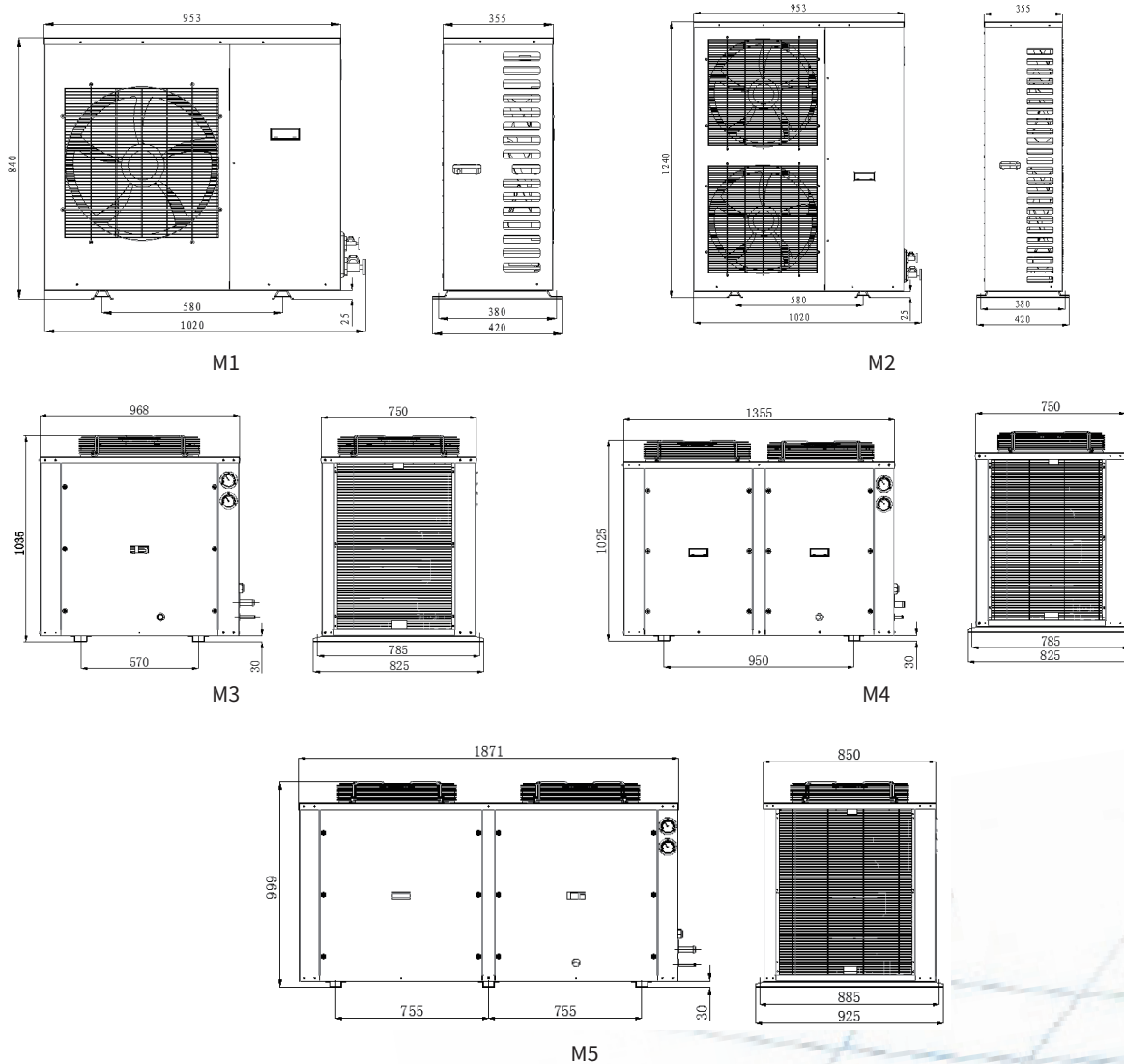
	GQH015	GQH021	GQH026	GQH029	GQH038	GQH045
	2HP	3HP	3.5HP	4HP	5HP	6HP
Suction	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Liquid	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"
Connection	SAE	SAE	SAE	SAE	SAE	SAE

➤ MT Three Phase 7~15HP

	GQH048	GQH058	GQH066	GQH076	GQH088	GQH095	GQH114
	7HP	8HP	9HP	10HP	12HP	13HP	15HP
Suction	7/8"	1"1/8"	1"1/8"	1"1/8"	1"1/8"	1"1/8"	1"1/8"
Liquid	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Connection	SAE	SAE	SAE	SAE	SAE	SAE	SAE

➤ 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



MT fixed-speed CDU



2HP -3HP, 3.741-5.61 kW



3.5HP -6HP, 6.44 – 11.25 kW



7HP -9HP, 12.0 – 16.7 kW



10HP -15HP, 19.1 – 28.9kW

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
Compressor	Volt.		220V/1N/50Hz						
	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	2xØ450
	Power input	w	120	120	120	120	120	240	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 ℃, operation ambient temp(OAT)=32 ℃, return gas temp(RGT)=18 ℃ for MT CDU, SST=-23 ℃, OAT=32 ℃, RGT=5 ℃ for LT CDU; National Standard of China GB/T 21363⁽¹⁾;

Three-phase electricity CDU-MT

GQH				GQH015*S4	GQH021*S4	GQH026*S4	GQH029*S4	GQH038*S4	GQH045*S4
Refrigerant				R404A/R22					
Size of casing				M1	M1	M2	M2	M2	M2
R404A	Capacity ⁽¹⁾	kW		3.72	5.61	6.55	7.60	9.59	11.25
	Input power ⁽¹⁾	kW		1.91	2.62	3.17	3.56	4.43	4.98
R22	Capacity ⁽¹⁾	kW		3.71	5.39	6.44	7.24	9.00	10.90
	Input power ⁽¹⁾	kW		1.63	2.35	2.69	3.08	3.83	4.44
Compressor				380V/3N/50Hz					
				1	1	1	1	1	1
				ZB15KQE/ ZB15KQ	ZB21KQE/ ZB21KQ	ZB26KQE/ ZB26KQ	ZB29KQE/ ZB29KQ	ZB38KQE/ ZB38KQ	ZB45KQE/ ZB45KQ
Nominal power				HP	1x2	1x3	1x3.5	1x2	1x2.5
MCC comp	R404A	A		6	8	10	11	13.5	16.1
	R22	A		6	8	10	11	13.5	16.1
LRA comp.	R404A	A		26	40	46	50	65.5	74
	R22	A		26	40	46	50	65.5	74
Fan motor	No.x Diameter	mm		1xØ450	1xØ450	2xØ450	2xØ450	2xØ450	2xØ450
	Power input	w		120	120	240	240	240	240
Receiver				Volume	L	6	6	6	6
Lubricant(R404A/R22)				RL32CF/3GS					
Oil charge of comp				L	1.24	1.45	1.48	1.36	2.07
Connections/SAE	Suction	inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Liquid	inch		3/8"	3/8"	1/2"	1/2"	1/2"	1/2"
Dimension				see below sketch					
Weight				kg	75	75	115	115	115

Three-phase electricity CDU-MT

GQH				GQH048 *S4	GQH058 *S4	GQH066 *S4	GQH076 *S4	GQH076 *S4	GQH095 *S4	GQH114 *S4
Refrigerant				R404A/R22						
Size of casing				M3	M3	M3	M4	M4	M4	M5
R404A	Capacity ⁽¹⁾	kW		12.18	14.90	16.70	19.90	NA	24.40	28.90
	Input power ⁽¹⁾	kW		5.89	6.89	7.72	9.11	NA	11.50	13.93
R22	Capacity ⁽¹⁾	kW		12	13.9	16.2	19.1	21.70	22.6 ⁽²⁾	27 ⁽²⁾
	Input power ⁽¹⁾	kW		5.26	6.01	6.65	7.96	8.90	9.91 ⁽²⁾	12.03 ⁽²⁾
Compressor				380V/3N/50Hz						
				1	1	1	1	1	1	1
				ZB48KQE/ ZB48KQ	ZB58KQE/ ZB58KQ	ZB66KQE/ ZB66KQ	ZB76KQE/ ZB76KQ	NA/ ZB38KQ	ZB95KQE/ ZB95KQ	ZB114KQE/ ZB114KQ
Nominal power				HP	1x7	1x8	1x9	1x10	1x12	1x15
MCC comp	R404A	A		17	23	24.4	26.9	31	31	38
	R22	A		17	23	24.4	26.9	NA	31	38
LRA comp.	R404A	A		101	95	111	118	118	140	174
	R22	A		101	95	111	118	NA	140	174
Fan motor	No.x Diameter	mm		1xØ550	1xØ550	1xØ550	2xØ550	2xØ550	2xØ550	2xØ550
	Power input	w		639	639	639	848	848	848	1278
Receiver				Volume	L	14	14	14	20	20
Lubricant(R404A/R22)				RL32CF/3GS						
Oil charge of comp				L	1.8	2.51	3.25	3.25	3.3	3.3
Connections/SAE	Suction	inch		7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"	1-3/8"
	Liquid	inch		1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Dimension				see below sketch						
Weight				kg	130	150	150	200	210	270

Note: Data above is based on SST=-7℃, operation ambient temp(OAT)=32℃, return gas temp(RGT)=18℃; National Standard of China GB/T 21363⁽¹⁾; Data based on the same operation condition same to National Standard but Suction Superheat=10K due to the compressor envelope⁽²⁾.

MT single phase performance

R22

Saturated suction temperature	-12°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
GQH015HS5O3X	3.34	1.41	3.17	1.55	2.97 ⁽¹⁾	1.7 ⁽¹⁾	2.78 ⁽¹⁾	1.88 ⁽¹⁾
GQH021HS5O3X	4.76	2.23	4.51	2.45	4.21 ⁽¹⁾	2.71 ⁽¹⁾	3.92 ⁽¹⁾	3.00 ⁽¹⁾
GQH026HS5O3X	5.61	2.42	5.33	2.65	5.00 ⁽¹⁾	2.91 ⁽¹⁾	4.67 ⁽¹⁾	3.2 ⁽¹⁾

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
GQH015HS5O3X	3.6	1.43	3.42	1.57	3.25 ⁽¹⁾	1.7 ⁽¹⁾	3.00 ⁽¹⁾	1.91 ⁽¹⁾
GQH021HS5O3X	5.13	2.26	4.86	2.49	4.55 ⁽¹⁾	2.75 ⁽¹⁾	4.24 ⁽¹⁾	3.05 ⁽¹⁾
GQH026HS5O3X	6.04	2.45	5.74	2.69	5.39 ⁽¹⁾	2.95 ⁽¹⁾	5.11 ⁽¹⁾	3.19 ⁽¹⁾

Saturated suction temperature	-5°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
GQH015HS5O3X	4.33	1.46	4.12	1.6	3.9	1.76	3.64 ⁽¹⁾	1.94 ⁽¹⁾
GQH021HS5O3X	6.12	2.34	4.8	2.58	5.47	2.85	5.07 ⁽¹⁾	3.16 ⁽¹⁾
GQH026HS5O3X	7.21	2.54	6.92	2.73	6.55	3	6.12 ⁽¹⁾	3.3 ⁽¹⁾

Saturated suction temperature	-0°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
GQH015HS5O3X	5.1	1.52	4.85	1.66	4.64	1.79	4.37	1.98
GQH021HS5O3X	7.21	2.44	6.83	2.69	6.43	2.97	6.1	3.22
GQH026HS5O3X	8.57	2.59	8.15	2.84	7.71	3.11	7.24	3.43

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

Data based on the same operation condition same to National Standard but Suction Superheat=10K⁽¹⁾

R404A

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
GQH015HS5O3X	3.31	1.44	3.06	1.59	2.8	1.77	2.53	1.96
GQH021HS5O3X	4.76	2.32	4.38	2.6	3.98	2.91	3.57	3.25
GQH026HS5O3X	5.22	2.91	4.76	3.24	4.28	3.62	3.77	4.04

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
GQH015HS5O3X	3.94	1.47	3.64	1.63	3.33	1.81	3.01	2.01
GQH021HS5O3X	5.59	2.42	5.12	2.71	4.73	2.96	4.23	3.32
GQH026HS5O3X	6.21	2.98	5.77	3.25	5.19	3.62	4.59	4.05

Saturated suction temperature	-5°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
GQH015HS5O3X	4.58	1.54	4.29	1.67	3.92	1.85	3.54	2.05
GQH021HS5O3X	6.49	2.52	5.92	2.82	5.45	3.09	4.84	3.46
GQH026HS5O3X	7.46	2.97	6.8	3.31	6.11	3.69	5.54	4.03

Saturated suction temperature	-0°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
GQH015HS5O3X	5.36	1.57	4.93	1.74	4.49	1.93	4.13	2.09
GQH021HS5O3X	7.47	2.62	6.93	2.87	6.23	3.21	5.65	3.51
GQH026HS5O3X	8.74	3.02	7.95	3.36	7.31	3.67	6.46	4.1

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

MT 3 phase performance

R22

Saturated suction temperature	-12°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
GQH015HS4O3X	3.33	1.36	3.15	1.5	2.97 ⁽¹⁾	1.67 ⁽¹⁾	2.78 ⁽¹⁾	1.82 ⁽¹⁾
GQH021HS4O3X	4.74	2.03	4.48	2.25	4.21 ⁽¹⁾	2.47 ⁽¹⁾	3.92 ⁽¹⁾	2.76 ⁽¹⁾
GQH026HS4O3X	5.76	2.24	5.48	2.5	5.18 ⁽¹⁾	2.8 ⁽¹⁾	4.89 ⁽¹⁾	3.25 ⁽¹⁾
GQH029HS4O3X	6.44	2.62	6.09	2.86	5.70 ⁽¹⁾	3.20 ⁽¹⁾	5.34 ⁽¹⁾	3.53 ⁽¹⁾
GQH038HS4O3X	7.83	3.38	7.48	3.66	7.03 ⁽¹⁾	4.01 ⁽¹⁾	6.59 ⁽¹⁾	4.44 ⁽¹⁾
GQH045HS4O3X	9.44	3.95	8.84 ⁽¹⁾	4.39 ⁽¹⁾	8.21 ⁽¹⁾	4.89 ⁽¹⁾	--	--
GQH048HS4O3X	10.6	4.32	10.05	4.79	9.59 ⁽¹⁾	5.31 ⁽¹⁾	8.88 ⁽¹⁾	5.87 ⁽¹⁾
GQH058HS4O3X	21.1	5.3	11.25	5.86	10.5	6.37	9.44	7.08
GQH066HS4O3X	14.05	5.75	13.25	6.37	12.4	7.08	11.7	7.73
GQH076HS4O3X	16.75	6.84	15.85	7.57	14.85	8.41	13.7	9.37
GQH088HS4O3X	19.2	7.65	18	8.47	16.8	9.38	15.5	10.38
GQH095HS4O3X	19.85	8.72	18	9.6	--	--	--	--
GQH114HS4O3X	23.6	10.68	21.5	11.78	--	--	--	--

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
GQH015HS4O3X	3.59	1.39	3.44	1.5	3.22 ⁽¹⁾	1.66 ⁽¹⁾	3.02 ⁽¹⁾	1.84 ⁽¹⁾
GQH021HS4O3X	5.11	2.07	4.83	2.3	4.54 ⁽¹⁾	2.52 ⁽¹⁾	4.22 ⁽¹⁾	2.82 ⁽¹⁾
GQH026HS4O3X	6.21	2.27	5.9	2.53	5.57 ⁽¹⁾	2.84 ⁽¹⁾	5.26 ⁽¹⁾	3.19 ⁽¹⁾
GQH029HS4O3X	6.94	2.67	6.56	2.95	6.14 ⁽¹⁾	3.26 ⁽¹⁾	5.74 ⁽¹⁾	3.61 ⁽¹⁾
GQH038HS4O3X	8.44	3.45	8.06	3.74	7.57 ⁽¹⁾	4.1 ⁽¹⁾	7.04 ⁽¹⁾	4.59 ⁽¹⁾
GQH045HS4O3X	10.15	4.06	9.68	4.42	9.05 ⁽¹⁾	4.86 ⁽¹⁾	8.34 ⁽¹⁾	5.41 ⁽¹⁾
GQH048HS4O3X	11.55	4.34	10.9	4.81	10.3 ⁽¹⁾	5.45 ⁽¹⁾	9.57 ⁽¹⁾	6.02 ⁽¹⁾
GQH058HS4O3X	13.1	5.41	12.4	5.86	11.45	6.5	10.35	7.22
GQH066HS4O3X	15.1	5.89	14.25	6.52	13.4	7.25	12.4	7.56
GQH076HS4O3X	18.2	6.87	17.25	7.6	16.2	8.44	15.05	9.4
GQH088HS4O3X	20.6	7.84	19.4	7.83	18.3	9.42	16.95	10.44
GQH095HS4O3X	21.8	8.76	19.95	9.65	--	--	--	--
GQH114HS4O3X	25.5	10.71	23.4	12.03	--	--	--	--

R22

Saturated suction temperature	-5°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
GQH015HS4O3X	4.33	1.42	4.1	1.57	3.86	1.74	3.60 ⁽¹⁾	1.93 ⁽¹⁾
GQH021HS4O3X	6.1	2.18	5.83	2.36	5.48	2.62	5.09 ⁽¹⁾	2.91 ⁽¹⁾
GQH026HS4O3X	4.76	2.31	7.09	2.57	6.71	2.88	6.29 ⁽¹⁾	3.23 ⁽¹⁾
GQH029HS4O3X	8.29	2.8	7.83	3.1	7.36	3.42	6.83 ⁽¹⁾	3.79 ⁽¹⁾
GQH038HS4O3X	10.05	3.62	9.5	4.01	9.03	4.35	8.43 ⁽¹⁾	4.78 ⁽¹⁾
GQH045HS4O3X	12.05	4.27	11.35	4.74	10.8	5.17	9.90 ⁽¹⁾	5.75 ⁽¹⁾
GQH048HS4O3X	13.7	4.56	12.95	5.05	12.2	5.6	11.6 ⁽¹⁾	6.18 ⁽¹⁾
GQH058HS4O3X	16.1	5.52	15.1	6.1	14.05	6.76	12.85	7.51
GQH066HS4O3X	18.05	6.18	17.1	6.83	16.05	7.59	14.9	8.47
GQH076HS4O3X	21.7	7.21	20.6	7.98	19.4	8.85	18.1	9.87
GQH088HS4O3X	24.7	8.23	23.5	8.07	21.9	9.89	20.3	10.95
GQH095HS4O3X	25.8	9.39	24.2	10.15	21.9	11.2	--	--
GQH114HS4O3X	30.8	11.43	28.5	12.53	26.5	13.58	--	--

Saturated suction temperature	-0°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
GQH015HS4O3X	5.1	1.5	4.83	1.66	4.6	1.8	4.31	1.99
GQH021HS4O3X	7.19	2.3	6.86	2.49	6.44	2.77	6.01	3.07
GQH026HS4O3X	8.79	2.43	8.33	2.7	7.86	3.02	7.38	3.38
GQH029HS4O3X	9.76	2.95	9.21	3.26	8.65	3.61	8.19	3.92
GQH038HS4O3X	11.85	3.82	11.15	4.23	10.45	4.68	9.89	5.09
GQH045HS4O3X	14.15	4.47	13.35	4.96	12.5	5.52	11.7 ⁽¹⁾	6.01 ⁽¹⁾
GQH048HS4O3X	16.1	4.77	15.25	5.28	14.3	5.85	13.55	6.36
GQH058HS4O3X	19.2	5.76	18.1	6.35	16.9	6.39	15.55	7.8
GQH066HS4O3X	21.3	6.48	20.2	7.15	18.95	7.93	17.65	8.85
GQH076HS4O3X	25.7	7.57	24.4	8.36	23	9.27	21.4	10.34
GQH088HS4O3X	29.1	8.63	27.4	9.54	26	10.35	24	11.5
GQH095HS4O3X	30.6	9.86	28.5	10.85	26.5	11.75	24.1	12.65
GQH114HS4O3X	36.2	12.18	34.2	11.85	31.4	13.15	29	15.63

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

Data based on the same operation condition same to National Standard but Suction Superheat=10K⁽¹⁾

R404A

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
GQH015PS4O3X	3.22	1.58	2.93	1.79	2.61	2.05	2.28	2.37
GQH021PS4O3X	4.66	2.25	4.29	5.52	3.9	2.82	3.49	3.16
GQH026PS4O3X	5.62	2.62	5.19	2.92	4.75	2.25	4.28	3.63
GQH029PS4O3X	6.32	3.07	5.82	3.42	5.29	3.82	4.85	4.17
GQH038PS4O3X	7.86	3.89	7.22	4.35	6.54	4.87	5.83	5.44
GQH045PS4O3X	9.05	4.47	8.3	5	7.5	5.6	6.83	6.13
GQH048PS4O3X	10.3	4.86	9.47	5.42	8.61	6.05	7.89	6.6
GQH058PS4O3X	11.4	6.02	10.55	6.53	9.37	7.26	8.08	8.11
GQH066PS4O3X	12.75	6.79	11.55	7.5	10.55	8.15	9.27	9.05
GQH076PS4O3X	15.3	7.85	14.2	8.48	12.75	9.38	11.25	10.4
GQH088PS4O3X	--	--	--	--	--	--	--	--
GQH095PS4O3X	18.5	10.06	16.95	10.95	14.8	12.25	12.85	13.4
GQH114PS4O3X	21.8	12.28	19.4	13.63	17.35	14.83	14.85	16.33

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
GQH015PS4O3X	3.87	1.58	3.52	1.79	3.16	2.05	2.77	2.35
GQH021PS4O3X	5.47	2.35	5.11	2.57	4.64	2.88	4.14	3.22
GQH026PS4O3X	6.6	2.73	6.08	3.04	5.64	3.31	5.07	3.7
GQH029PS4O3X	7.54	3.13	6.93	3.49	6.29	3.9	5.62	4.35
GQH038PS4O3X	9.21	4.06	8.42	4.54	7.6	5.08	6.91	5.55
GQH045PS4O3X	10.6	4.67	9.68	5.22	8.9	5.71	7.89	6.4
GQH048PS4O3X	12.25	4.96	11.25	5.53	10.2	6.16	9.13	6.88
GQH058PS4O3X	13.9	6.19	12.7	6.82	11.35	7.56	10.15	8.24
GQH066PS4O3X	15.1	7.11	13.7	7.85	12.5	8.52	11	9.45
GQH076PS4O3X	18.55	8.09	16.95	8.9	15.25	9.81	13.8	10.64
GQH088PS4O3X	--	--	--	--	--	--	--	--
GQH095PS4O3X	22.5	10.35	20.3	11.45	17.95	12.75	15.8	13.95
GQH114PS4O3X	26.1	12.83	23.4	14.18	21.1	15.43	18.65	16.78

R404A

Saturated suction temperature	-5°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
GQH015PS4O3X	4.51	1.62	4.18	1.79	3.75	2.04	3.29	2.33
GQH021PS4O3X	6.46	2.39	5.92	2.68	5.34	3	4.87	3.28
GQH026PS4O3X	7.8	2.78	7.17	3.09	6.52	3.55	5.97	3.76
GQH029PS4O3X	8.77	3.26	8.02	3.63	7.4	3.97	6.6	4.43
GQH038PS4O3X	10.7	4.23	9.93	4.62	8.94	5.17	7.91	5.78
GQH045PS4O3X	12.3	4.86	11.15	5.44	10.25	5.95	9.01	6.66
GQH048PS4O3X	14.25	5.16	13.05	5.75	12.05	6.27	10.75	7
GQH058PS4O3X	16.45	6.48	15	7.13	13.75	7.73	12.1	8.57
GQH066PS4O3X	17.8	7.44	16.45	8.04	14.7	89.89	12.85	9.85
GQH076PS4O3X	21.9	8.48	20	9.32	18.4	10.06	16.25	11.1
GQH088PS4O3X	--	--	--	--	--	--	--	--
GQH095PS4O3X	26.5	10.85	24	12	21.2	13.35	18.85	14.55
GQH114PS4O3X	31	13.43	27.9	14.78	25.2	16.03	22.4	17.79

Saturated suction temperature	-0°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
GQH015PS4O3X	5.31	1.63	4.81	1.84	4.29	2.08	3.87	2.32
GQH021PS4O3X	7.45	2.49	6.79	2.78	6.24	3.04	5.53	3.41
GQH026PS4O3X	9.01	2.88	8.25	3.21	7.62	3.5	6.8	3.67
GQH029PS4O3X	10.1	3.38	9.21	3.77	8.47	4.12	7.7	4.5
GQH038PS4O3X	12.3	4.39	11.4	4.8	10.2	5.37	9.22	5.87
GQH045PS4O3X	14.15	5.05	13.05	5.53	11.65	6.18	10.5	6.77
GQH048PS4O3X	16.45	5.36	15.25	5.84	13.75	6.52	12.5	7.11
GQH058PS4O3X	19.3	6.77	17.6	7.44	16.1	8.05	14.2	8.91
GQH066PS4O3X	20.7	7.78	18.75	8.56	17.5	9.08	15.35	10.05
GQH076PS4O3X	25.6	8.88	23.8	9.56	21.4	10.5	19.45	11.35
GQH088PS4O3X	--	--	--	--	--	--	--	--
GQH095PS4O3X	30.3	11.6	28	12.55	24.8	13.95	22.1	15.15
GQH114PS4O3X	36.3	13.98	32.8	15.38	29	17.03	26.6	18.08
GQH114HS4O3X	36.2	12.18	34.2	11.85	31.4	13.15	29	15.63

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



Qingdao Haier Carrier Refrigeration Equipment Co., Ltd.

Address: No. 3734 Tuanjie Road, Huangdao District, Qingdao, China

Zip code: 266103

Website: <http://en.haiercarrier.com/>

E-mail: sales.qhc@haiercarrier.com

Service Hot line: (86) 400-678-1888R02