

## PERFORMANCE & EFFICIENCY AT A PRICE YOU CAN AFFORD



### EVERYTHING YOU NEED, AT THE RIGHT PRICE

CHARMO systems deliver great performance and efficiency while also keeping your budget in mind. Like all GREE systems, the variable speed compressor and intelligent design allow for ease-of-use, reliability, and quiet operation.

- Auto Clean
- Dehumidification
- I-Feel functionality
- Self-diagnosis
- Multiple fan speeds
- Automatic voltage adaptation
- Low voltage start-up
- Swing louver control
- A2L leak detection sensor, included
- Built-in Wifi included

- UP TO 22 SEER2 / 12.5 EER2 / 9 HSPF2 EFFICIENCY
- COOLING RANGE: -18°C to 50°C
- HEATING RANGE: -25°C to 24°C
- MAXIMUM LINE LENGTH: 40 m



Product #		Indoor Unit	GWH09ATCXB-D6DNA3D/I	GWH12ATCXB-D6DNA3B/I	GWH18ATDXD-D6DNA3F/I	GWH24ATEXF-D6DNA3H/I	GWH30ATEXH-D6DNA3G/I	GWH36ATEXH-D6DNA3G/I
		Outdoor Unit	GWH09ATCXB-D6DNA4D/O	GWH12ATCXB-D6DNA4B/O	GWH18ATDXD-D6DNA4F/O	GWH24ATEXF-D6DNA4H/O	GWH30ATEXH-D6DNA1G/O	GWH36ATEXH-D6DNA1G/O
Technical Performance								
Voltage		Volts	208/230	208/230	208/230	208/230	208/230	208/230
Cooling capacity	Nominal	W (BTU/hr)	2667 (9100)	3517 (12000)	5275 (18000)	7034 (24000)	8800 (30000)	9850 (33600)
	Min. – max.	W (BTU/hr)	700 - 3500 (2388 -10300)	900 - 3900 (3070 - 13300)	1100 - 5950 (3753 - 20300)	1700 - 7700 (5800 - 26270)	880 - 10550 (3000 - 36000)	2300 - 11000 (7850 - 37500)
Heating capacity	Nominal	W (BTU/hr)	2931 (10000)	3517 (12000)	5600 (19100)	7034 (24000)	8800 (30000)	9965 (34000)
	Min. – max.	W (BTU/hr)	650 – 3517 (2217- 12000)	900 - 3546 (3070 - 12100)	800 - 6600 (2730 - 22500)	1600 - 7034 (5400 - 24000)	1700 - 10400 (5800 - 35500)	2930 - 11000 (10000 - 37500)
Used cooling power input	Nominal	W	729	1231	1500	2010	2750	3169
	Min. – max.	W	180 - 1050	180 - 1550	200 – 2300	500 - 2400	250 - 4000	700 - 4000
Used heating power input	Nominal	W	771	1004	1435	1950	2750	3267
	Min. – max.	W	180 – 1300	180 – 1650	260 – 2300	400 - 2600	330 - 4000	650 - 4000
Used rated input		W	1300	1650	2300	2600	4000	4000
Rated current		A	7	7.47	9.5	12	11.8	13.5
MCA		A	10	12	13	15	27	24
Max. over-current protection (MOCP)		A	15	15	15	20	30	35
SEER2		-	20.5	19	20	19	22	21
HSPF2		-	8.8	8.5	8.5	8.5	9	8.5
EER2		BTU/hr	12.5	9.75	12.35	11.9	10.9	10.6
EER		W/W	3.66	2.85	3.52	3.5	3.2	3.11
COP		W/W	3.8	3.5	3.9	3.6	3.2	3.05
AHRI number		-	215386291	215402236	215224737	215390442	214797816	214568849
ENERGY STAR		-	-	-	-	-	-	-
Indoor Unit								
Dehumidification		pt/hr (l/hr)	1.69 (0.80)	2.96 (1.4)	3.80 (1.8)	5.28 (2.5)	7.4 (3.5)	7.4 (3.5)
Air flow volume		cfm	353 / 282 / 265 / 230 / 212 / 194 / 159	424 / 353 / 324 / 277 / 247 / 224 / 182	618 / 512 / 471 / 435 / 394 / 335 / 282	677 / 589 / 559 / 500 / 471 / 441 / 412	794 / 647 / 618 / 559 / 500 / 471 / 441	794 / 647 / 618 / 559 / 500 / 471 / 441
Sound pressure level (H / M / L)		dB (A)	37 / 32 / 27	39 / 35 / 32	49 / 44 / 38	47 / 41 / 38	45 / 41 / 38	45 / 41 / 38
Fan motor power output		W	20	55	50	50	110	60
Fan motor RLA		A	0.4	0.7	0.7	0.6	0.8	0.7
Deflector stepper motor power output		W	1.5	1.5	1.5	1.5	2.5	2.5
Net weight		lb (kg)	19.8 (9)	19.8 (9)	28.7 (13)	33.1 (15)	34.2 (15.5)	34.2 (15.5)
Outdoor Unit								
Air flow volume		m3/hr	1950	1950	2520	3200	4500	4500
Sound level		dB (A)	61	62	67	68	72	72
Compressor power input		W	630	857	953	1330	1775	2294
Compressor LRA		A	-	-	20	35	38	40
Compressor RLA		A	6.5	8	8.5	10	18.5	16
Fan motor power output		W	30	30	30	50	90	90
Fan motor RLA		A	0.65	0.8	0.8	1	1.7	1.7
Refrigerant volume (R32)		oz (g)	18.7 (530)	17.6 (500)	32.5 (920)	42.3 (1200)	56.4 (1600)	56.4 (1600)
Net weight		lb (kg)	52.9 (24)	56.2 (25.5)	70.6 (32)	93.7 (42.5)	116.8 (53)	122.4 (55.5)
Operating ambient temperature	Cooling	°C (°F)	-18-48 (0-118)				-20-50 (-4-122)	
	Heating	°C (°F)	-25-24 (-13-75)					
Connection Piping/Refrigerant								
Pre-charge length		ft. (m)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)
Additional refrigerant charge		oz/ft. (g/m)	0.2 (16)	0.2 (16)	0.2 (16)	0.1 (12)	0.4 (40)	0.4 (40)
Liquid pipe outer diameter		in.	1/4	1/4	1/4	1/4	1/4	1/4
Gas pipe outer diameter		in.	3/8	3/8	1/2	1/2	5/8	5/8
Maximum height difference		ft. (m)	39.4 (12)	40 (12.2)	82 (25)	82 (25)	82 (25)	82 (25)
Maximum total length		ft. (m)	65.6 (20)	65.6 (20)	131.2 (40)	131.2 (40)	131.2 (40)	131.2 (40)

\*Please check your local and federal rebate programs.

\*\*10-Year Standard Warranty plus a bonus 2-Year Extended Warranty with product registration and proof of installation. Visit our website for full details.