

PROVIDING UNPARALLELED
INDOOR COMFORT AND EFFICIENCY,
In Every Climate.

FEATURES AND BENEFITS



HIGH EFFICIENCY, UP TO
21 SEER2 / 10 HSPF2



HEAT AND COOL UP TO
5 ZONES WITH ONE OUTDOOR
UNIT



5 UNIQUE INDOOR UNIT
OPTIONS TO SELECT FROM



IDEAL FOR RESIDENTIAL AND
COMMERCIAL SPACES



- SOUND LEVELS DOWN TO 54 DB(A) ON OUTDOOR UNIT
- SELF-DIAGNOSIS
- INTELLIGENT DEFROST
- ALL INDOOR UNITS ARE WIFI CAPABLE
- SMALL "FOOT PRINT" DESIGN

COOLING RANGE

-22 ~ 118 °F / -30 ~ 48 °C



HEATING RANGE

-22 ~ 75 °F / -30 ~ 24 °C

MULTI ZONE		GWHD (18)ND3MO	GWHD (24)ND3MO	GWHD (30)ND3MO	GWHD (36)ND3MO	GWHD (42)ND3MO
System Type		HEAT PUMP				
Number of Zones (Minimum 2 Zones)		2	2 - 3	2 - 4	2 - 4	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)						
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	28400 (8190 - 34100)	34000 (88 71 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		21 / 12	21 / 12.5	21 / 12.5	21 / 12	21 / 12
HSPF2 / COP	/W/W	10 / 3.8	10 / 3.9	10 / 3.9	10 / 3.6	10 / 3.9
Energy Star®		YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Ducted Indoor Units)						
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	28400 (8190 - 34100)	34000 (88 71 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		16 / 11	16 / 11	16 / 11	16 / 11	16 / 11
HSPF2 / COP		8 / 3.3	8 / 3.4	8 / 3.4	8 / 3.3	8 / 3.5
Energy Star®		NO	NO	NO	NO	NO
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)						
Cooling Capacity (Min - Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	28400 (8190 - 34100)	34000 (88 71 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min - Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		18.5 / 11.5	18.5 / 11.8	18.5 / 11.8	18.5 / 11.5	18.5 / 11.5
HSPF2 / COP		9 / 3.6	9 / 3.7	9 / 3.7	9 / 3.5	9 / 3.7
Energy Star®		NO	NO	NO	NO	NO
OUTDOOR UNIT DATA		MULTI18HP230V1EO	MULTI24HP230V1EO	MULTI30HP230V1EO	MULTI36HP230V1EO	MULTI42HP230V1EO
Cooling Temperature Range	°F	-22 - 118	-22 - 118	-22 - 118	-22 - 118	-22 - 118
Heating Temperature Range	°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type & Compressor Type		R410A	&	GREE G-10 / 2 - STAGE INVERTER VARIABLE-SPEED		
Airflow Valume	cfm	1354	2236	3413	3413	3413
Sound Pressure Level	dB(A)	54	58	63	63	63
External Dimensions (W x H x D)	in	32 3/8 × 21 11/16 × 13 7/8	38 × 26 × 15 7/8	40 3/16 × 32 9/16 × 16 13/16	40 3/16 × 32 9/16 × 16 13/16	40 3/16 × 32 9/16 × 16 13/16
Package Dimension (W x H x D)	in	34 3/8 × 24 7/16 × 15 11/16	40 5/8 × 29 × 18	43 × 34 7/8 × 19 5/8	43 × 34 7/8 × 19 5/8	43 × 34 7/8 × 19 5/8
Weight (Net / Gross)	lbs	77.2 / 82.7	114.6/ 124.6	152.1 / 167.6	172.0 / 187.4	174.2/ 189.6
REFRIGERANT PIPING						
Refrigerant Charge - R410A	oz	45.9	84.6	105.8	130.5	134
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)			1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port E (in)					1/4 - 3/8
Pre-Charge Length	ft	33	131	131	131	164
Pipe Length (Min - Max)	ft	10 - 131	10 - 197	10 - 263	10 - 263	10 - 328
Pipe Length to furthest Indoor Unit	ft	66	66	82	82	82
Max. Pipe Elevation	ft	49	49	82	82	82
ELECTRICAL						
Power Supply		208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)	VAC	187 - 253				
Rated Current - Cooling	A	10	15	22	23	23
Rated Current - Heating	A	10	15	22	23	23
MCA	A	15	19	23	29	29
MOCP	A	20	25	35	45	45
Main Power Wire Size	AWG	Per Local Code				
Interconnecting Wire Size	AWG	14 / 4				
LIMITED WARRANTY		12 Years Residential Compressor and Parts on Registered Models				

INDOOR TYPE		WALLMOUNT - CHARMO						
Model Number		GWH(05)ATA-D3DNA1A/I	GWH(07)ATA-D3DNA1A/I	GWH09ATCXB-D3DNA2A/I	GWH12ATCXB-D3DNA2C/I	GWH18ATDXD-D3DNA2A/I	GWH24ATEXF-D3DNA2E/I	
SYSTEM PERFORMANCE								
Cooling Capacity	Btu/h	5000	7000	9100	12000	17600	22000	
Heating Capacity	Btu/h	6000	8000	10000	12000	19100	24000	
Energy Star		No	No	No	No	No	No	
INDOOR UNIT DATA								
Air Flow (Min - Max)	CFM	124-247	135-259	159-353	182-424	283-618	412-677	
Sound Pressure Level (Min - Max)	dB(A)	26-38	27-39	26-41	27-47	32-50	37-51	
Dehumidification	pt/hr	0.63	1.27	1.69	2.96	3.8	5.28	
External Dimensions (W x H x D)	in	27 7/8 x 10 15/64 x 7 9/32	27 7/8 x 10 15/64 x 7 9/32	32 7/8 x 10 7/8 x 7 7/8	32 7/8 x 10 7/8 x 7 7/8	37 1/8 x 13 1/8 x 9 11/16	42 7/16 x 12 7/8 x 9 11/16	
Package Dimensions (W x H x D)	in	29 7/16 x 12 7/16 x 9 3/4	29 7/16 x 12 7/16 x 9 3/4	35 1/4 x 13 5/8 x 10 11/16	35 1/4 x 13 5/8 x 10 11/16	39 7/16 x 15 15/16 x 12 11/16	44 5/8 x 16 5/16 x 13 1/8	
Weight (Net / Shipping)	lbs	15.4 / 18.7	15.4 / 18.7	19.8 / 24.3	19.8 / 24.3	28.7 / 34.2	34.2 / 40.8	
REFRIGERANT PIPING								
Line Set sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	
ELECTRICAL								
Power Supply	208-230V/ IPh/ 60Hz (Powered by the Outdoor Unit)							

INDOOR TYPE		WALLMOUNT - PULAR				
Model Number		GWH09AGCXD-D3DNA1A/I	GWH12AGCXD-D3DNA1A/I	GWH18AGDXF-D3DNA1A/I	GWH24AGEXH-D3DNA1A/I	
SYSTEM PERFORMANCE						
Cooling Capacity	Btu/h	9100	12000	18000	22000	
Heating Capacity	Btu/h	10500	12000	18000	24000	
Energy Star		Yes	Yes	Yes	Yes	
INDOOR UNIT DATA						
Air Flow (Min - Max)	CFM	159-353	230-400	324-589	383-736	
Sound Pressure Level (Min - Max)	dB(A)	25-40	27-43	29-49	34-52	
Dehumidification	pt/hr	1.69	2.96	3.8	5.07	
External Dimensions (W x H x D)	in	32 1/2 x 11 1/2 x 7 7/8	32 1/2 x 11 1/2 x 7 7/8	38 5/8 x 12 1/4 x 8 3/4	42 5/16 x 13 1/8 x 9 11/ 16	
Package Dimensions (W x H x D)	in	34 1/2 x 14 3/8 x 10 1/2	34 1/2 x 14 3/8 x 10 1/2	41 1/8 x 15 1/8 x 11 3/4	44 5/8 x 16 5/16 x 13 1/8	
Weight (Net / Shipping)	lbs	19.8 / 24.3	19.8 / 24.3	28.7 / 34.2	34.2 / 40.8	
REFRIGERANT PIPING						
Line Set sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	
ELECTRICAL						
Power Supply	208-230V/ IPh/ 60Hz (Powered by the Outdoor Unit)					








INDOOR TYPECASSETTE



Model Number		GKH(12)EB-D3DNA5A/I	GKH(18)EB-D3DNA5A/I	GKH(24)EC-D3DNA6A/I
SYSTEM PERFORMANCE				
Cooling Capacity	Btu/h	12000	14400	22800
Heating Capacity	Btu/h	13000	16000	27400
Energy Star		Yes	Yes	Yes
INDOOR UNIT DATA				
Air Flow (Min - Max)	CFM	206-330	206-383	471-647
Sound Pressure Level (Min - Max)	dB(A)	29-40	29-43	37-44
Dehumidification	pt/hr	2.96	3.8	5.28
External Dimensions (W x H x D)	in	22 7/16 x 10 7/16 x 22 7/16	22 7/16 x 10 7/16 x 22 7/16	33 5/64 x 9 29/64 x 33 5/64
Package Dimensions (W x H x D)	in	27 31/64 x 11 39/64 x 25 45/6	27 31/64 x 11 39/64 x 25 45/64	37 29/32 x 12 51/64 x 37 29/32
Weight (Net / Shipping)	lbs	37.5 / 48.5	37.5 / 48.5	63.9 / 81.6
CASSETTE GRILLE Model		TF05	TF05	TF06
External Dimensions (W x H x D)	in	24 13/32 x 1 7/8 x 24 13/32	24 13/32 x 1 7/8 x 24 13/32	37 13/32 x 2 3/64 x 37 13/32
Package Dimensions (W x H x D)	in	27 19/32 x 4 59/64 x 27 19/32	27 19/32 x 4 59/64 x 27 19/32	40 43/64 x 5 x 40 43/64
Weight (Net / Shipping)	lbs	6.6 / 9.9	6.6 / 9.9	13.2 / 20.9
REFRIGERANT PIPING				
Line Set sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8
ELECTRICAL				
Power Supply		208-230V/ IPh/ 60Hz (Powered by the Outdoor Unit)		



INDOOR TYPECONSOLE

Model Number		GEH(09)AA-D3DNA1C/I	GEH(12)AA-D3DNA1C/I	GEH(18)AA-D3DNA1C/I
SYSTEM PERFORMANCE				
Cooling Capacity	Btu/h	9000	12000	18000
Heating Capacity	Btu/h	9500	13000	19800
Energy Star		Yes	Yes	Yes
INDOOR UNIT DATA				
Air Flow (Min - Max)	CFM	188-383	206-441	241-494
Sound Pressure Level (Min - Max)	dB(A)	25-40	27-43	33-48
Dehumidification	pt/hr	1.69	2.96	3.8
External Dimensions (W x H x D)	in	27 9/16 x 23 5/8 x 8 15/32	27 9/16 x 23 5/8 x 8 15/32	27 9/16 x 23 5/8 x 8 15/32
Package Dimensions (W x H x D)	in	31 9/64 x 27 61/64 x 11 1/4	31 9/64 x 27 61/64 x 11 1/4	31 9/64 x 27 61/64 x 11 1/4
Weight (Net / Shipping)	lbs	33.1 / 39.7	33.1 / 39.7	33.1 / 39.7
REFRIGERANT PIPING				
Line Set sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
ELECTRICAL				
Power Supply		208-230V/ IPh/ 60Hz (Powered by the Outdoor Unit)		



INDOOR TYPESLIM DUCT

Model Number		GWH(05)ATA-D3DNA1A/I	GWH(07)ATA-D3DNA1A/I	GWH09ATCXB-D3DNA2A/I	GWH12ATCXB-D3DNA2C/I	GWH18ATDXD-D3DNA2A/I
SYSTEM PERFORMANCE						
Cooling Capacity	Btu/h	8500	11900	15300	20400	23800
Heating Capacity	Btu/h	9500	13100	18700	22600	27400
Energy Star		No	No	No	No	No
INDOOR UNIT DATA						
Air Flow (Min - Max)	CFM	147-265	177-324	294-412	324-441	324-441
External Static Pressure	in.w.g	0.04	0.04	0.04	0.06	0.06
Sound Pressure Level (Min - Max)	dB(A)	31-37	32-39	33-41	34-42	34-42
Dehumidification	pt/hr	1.69	2.96	3.8	4.23	5.28
External Dimensions (W x H x D)	in	27 3/5 x 7 29/32 x 24 1/5	27 3/5 x 7 29/32 x 24 1/5	35 2/5 x 7 29/32 x 24 1/5	43 1/3 x 7 29/32 x 24 1/5	43 1/3 x 7 29/32 x 24 1/5
Package Dimensions (W x H x D)	in	35 1/5 x 29 1/3 x 12	35 1/5 x 29 1/3 x 12	44 1/5 x 29 1/3 x 12	52 1/10 x 29 1/3 x 12	52 1/10 x 29 1/3 x 12
Weight (Net / Shipping)	lbs	48.5 / 59.5	50.7 / 63.9	59.5 / 79.4	68.4 / 90.4	68.4 / 90.4
REFRIGERANT PIPING						
Line Set sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
ELECTRICAL						
Power Supply		208-230V/ IPh/ 60Hz (Powered by the Outdoor Unit)				