









# **EASIER TO: DO THE JOB**



### **R454B REFRIGERANT**

A lower Global Warming Potential (GWP), eco-friendly option that meets updated refrigerant guidelines while maintaining high efficiency.



#### **OVER-THE-AIR UPDATES**

New high-speed communication wire allows outdoor unit over-the-air updates via the SmartHQ™ Home app.



#### **EXTENDED KICKSTAND**

The built-in bracket provides extra room for easier installation and service.



### MOUNTING TEMPLATE/PLATE

A convenient printed cardboard template and mounting plate enable accurate, single-person installation, ensuring correct positioning of the lineset and drain opening.



## 2-WAY PIPING DRAIN

Flexible right or left side condensation drain options simplify installation (right side only with RDS installed).



# **EASY-ACCESS PCB**

The PCB pops out for quick component and wiring checks, eliminating the need to remove the casing.

# **EASIER TO: CLOSE THE SALE**



# **DC INVERTER TECHNOLOGY**

Advanced DC inverter technology enhances energy efficiency, cuts costs, and improves reliability, making it ideal for energyconscious homeowners.



A hydrophilic aluminum fin provides corrosion protection and ensures smooth water flow for long-lasting performance.



# **BASEPAN HEATER**

A basepan heater prevents ice buildup and condensate water accumulation in the outdoor unit, ensuring smooth operation.



## -31°F HEATING

Reliable low ambient heating down to -31°F ensures comfort and efficiency even in extreme conditions with up to 100% heating capacity at 5°F.



# **WARM START & AUTO START**

Warm start ensures the fan does not blow cold air during heating mode startup. Auto restart automatically restarts the system after a power outage for seamless operation.



### **TURBO MODE**

Delivers rapid cooling or heating, making it ideal for quickly adjusting the room temperature.



### **INDOOR AIR FILTER**

The easily removable and cleanable indoor air filter reduces maintenance time, ensuring cleaner air and longer-lasting efficiency.

## ADDITIONAL PREMIUM HIGHWALL FEATURES



Designed to oscillate up and down, left and right automatically, ensuring optimal distribution of conditioned air throughout the space.



# **SMART SENSOR**

Automatically changes to an energy-saving temperature while you are away, then back to your regular setting when you return.



# **FOLLOW & SURROUND**

Allows the user to choose if the air is directed towards them (follow) or away from them (surround).







# HIGHWALL SPECIFICATIONS



# PREMIUM HIGHWALL

# STANDARD HIGHWALL









Note
Cooling SEER2 27 25 20.5 20 20 20 20 20 EER2 12.5 12.5 12.5 12 11.2 11.2 10.5 Moisture Removal Pt./hr 2.30 3.80 4.80 6 7.5 7.9 Rated Heating Capacity 47°F Btu/hr 10,000 14,500 19,000 24,000 31,000 37,000 4,000-26,000 6,500-32,500 6,500-37,000 HSPF2 (IV) 11.0 11.0 10.0 9.5 9.5 9.5 9.5 9.5 Rated Heating Capacity at 5°F / Capacity at 47°F 100% 100% 100% 92% 83% 71% COP 5°F 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8
SEER2   27   25   20.5   20   20   20   20
EER2   12.5   12.5   12   11.2   11.2   10.5
Heating Capacity 47°F Btu/hr         10,000         14,500         19,000         24,000         31,000         37,000           Heating Capacity Range Btu/hr         3,600-12,000         3,600-15,500         5,600-21,000         4,000-26,000         6,500-32,500         6,500-37,000           HSPF2 (IV)         11.0         11.0         10.0         9.5         9.5         9.5           Rated Heating Capacity 5°F Btu/hr         10,000         14,500         19,000         22,000         25,800         26,200           Heating Capacity at 5°F / Capacity at 47°F         100%         100%         92%         83%         71%           COP 5°F         1.8         1
Rated Heating Capacity 47°F Btu/hr   10,000   14,500   19,000   24,000   31,000   37,000     Heating Capacity Range Btu/hr   3,600-12,000   3,600-15,500   5,600-21,000   4,000-26,000   6,500-32,500   6,500-37,000     HSPF2 (IV)   11.0   11.0   10.0   9.5   9.5   9.5     Rated Heating Capacity 5°F Btu/hr   10,000   14,500   19,000   22,000   25,800   26,200     Heating Capacity at 5°F / Capacity at 47°F   100%   100%   100%   92%   83%   71%     COP 5°F   1.8   1.8   1.8   1.8   1.8   1.8   1.8     Operating Range   Cooling (Without Wind Baffle or Top Cover)   23-115°F (-5-46°C)   23-115°F
Heating Capacity Range Btu/hr 3,600-12,000 3,600-15,500 5,600-21,000 4,000-26,000 6,500-32,500 6,500-37,000   HSPF2 (IV) 11.0 11.0 10.0 9.5 9.5 9.5 9.5   Rated Heating Capacity 5°F Btu/hr 10,000 14,500 19,000 22,000 25,800 26,200   Heating Capacity at 5°F / Capacity at 47°F 100% 100% 100% 92% 83% 71%   COP 5°F 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8
Heating HSPF2 (IV) 11.0 11.0 10.0 9.5 9.5 9.5 9.5 9.5 Pate HspF2 (IV) 11.0 11.0 10.0 10.0 9.5 9.5 9.5 9.5 Pate Heating Capacity 5°F Btu/hr 10,000 14,500 19,000 22,000 25,800 26,200 Pate Heating Capacity at 5°F / Capacity at 47°F 100% 100% 100% 92% 83% 71% COP 5°F 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8
Rated Heating Capacity 5°F Btu/hr   10,000   14,500   19,000   22,000   25,800   26,200
Rated Heating Capacity 5°F Btu/hr 10,000 14,500 19,000 22,000 25,800 26,200  Heating Capacity at 5°F / Capacity at 47°F 100% 100% 100% 92% 83% 71%  COP 5°F 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8
COP 5°F 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8
Operating Range         Cooling (Without Wind Baffle or Top Cover)         23-115°F (-5-46°C)
Operating Range         (Without Wind Baffle or Top Cover)         23-115 F (-5-46 °C)         23-115 F (-5-4
Range Heating -31-75°F(-35-24°C) -31-75°F(-35-24°C) -31-75°F(-35-24°C) -22-75°F(-30-24°C) -22-75°F(-30-24°C) -22-75°F(-30-24°C) -22-75°F(-30-24°C)
VIII. C. L. D. AWL (1)
Voltage, Cycle, Phase (V/Hz/-) 208-230/60/1 208-230/60/1 208-230/60/1 208-230/60/1 208-230/60/1 208-230/60/1
Power Supply         Maximum Fuse Size A         20         20         30         30         40         40
Minimum Circuit Amp A 13 14 20 22 25 25
Compressor Type DC Inverter Rotary DC Inverter DC Inverter DC Inverter DC Inverter DC Inverter DC Inverter D
Outdoor Noise Level dB 54 55 60 64 72 73
Outdoor Unit Dimension: Hx Wx D in (mm) 25 1/4 x 35 3/8 x 12 (642 x 898 x 306) (642 x 898 x 306) (642 x 898 x 306) (705 x 974 x 340) (705
Weight (Net / Ship) - Ibs (I/a) 83.41/96.87 88.15/100.4 104.59/122.46 134.7/173.06 165.42/211.64 165.42/211.64
(37.8/43.9) (39.95/45.5) (47.4/55.5) (61.1/78.5) (75/96) (75/96)  Basepan Heater Yes Yes Yes Yes Yes Yes
Fan Speed Stages 5 + Auto
Airflow CFM: Cooling 395/355/310/260/170 410/370/280/210/170 580/530/480/400/350 800/730/630/535/440 800/725/650/510/430 840/765/690/550/47
Airflow CFM: Heating 70/326/470 420/326/470 420/326/470/470/326/470/470/200/200/470/470/200/200/470/470/470/200/200/470/470/470/470/470/470/470/470/470/4
Indoor Sound Level dB: Cooling
Turbor night mear cow Quiet) Indoor, Sound Level die Hearting
(Turbo/High/Med/Low/Quiet) 43/41/37/32/29 43/42/39/36/25 49/47/40/35/26 54/50/47/44/38 55/53/49/44/40 56/54/50/44/40
Auto Up-Down Louver Yes Yes Yes Yes Yes Yes Yes
Indoor Unit Auto Left-Right Louver Yes Yes Yes Yes No No
Drain Pipe Size O.D in         5/8
Difference in the first term of the first term o
Weight (Net/Ship) - lbs (kg) 24.49/30.56 (11.1/13.85) 24.49/30.56 (11.1/13.85) 29.57/36.63 (13.4/16.6) 34.86/43.03 (15.8/19.5) 46.34/56.27 (21/25.5) 46.34/56.27 (21/25.5)
Factory-Installed Refrigerant Detection No
Refrigerant Detection Sensor (RDS)  (UALS01A, (UALS01A, (UALS01A, (UALS01A, sold seperately) sold seperately)  (UALS01A, sold seperately)  (UALS01A, sold seperately)  (UALS01A, sold seperately)  (UALS01A, sold seperately)
₩iFi* Built-in Built-in Built-in Built-in Built-in Built-in
Refrigerant         R454B         R454B         R454B         R454B         R454B         R454B
Connections Flare Flare Flare Flare Flare Flare
Liquid O.D. in 1/4 1/4 1/4 1/4 3/8 3/8
Refrigerant Lines         Suction O.D. in         3/8         3/8         1/2         1/2         5/8         5/8
Factory Charge Oz 46.6 50.1 58.6 77.7 109.4 109.4
Maximum Line Length Ft / m         66/20         66/20         83/25         165/50         165/50         165/50
Maximum Height Ft / m         33/10         33/10         50/15         100/30         100/30         100/30

\*WiFi includes SmartHQ $^{\text{TM}}$  Home and SmartHQ $^{\text{TM}}$  Service compatibility.







# **EASIER TO: DO THE JOB**



#### **R454B REFRIGERANT**

A lower Global Warming Potential (GWP), eco-friendly option that meets updated refrigerant guidelines while maintaining high efficiency.



## **OVER-THE-AIR UPDATES**

New high-speed communication wire allows outdoor unit over-the-air updates via the SmartHQ™ Home app.



#### **COMPACT DESIGN**

Fits 2' x 2' drop ceiling for easy installation.



## **CONDENSATE PUMP**

Factory-installed condensate pump.



#### FRESH AIR KNOCKOUT

Unit designed with a 4" round fresh air knockout.

# **EASIER TO: CLOSE THE SALE**



# **DC INVERTER TECHNOLOGY**

Advanced DC inverter technology enhances energy efficiency, cuts costs, and improves reliability, making it ideal for energy-conscious homeowners.



A hydrophilic aluminum fin provides corrosion protection and ensures smooth water flow for long-lasting performance.



#### **BASEPAN HEATER**

A basepan heater prevents ice buildup and condensate water accumulation in the outdoor unit, ensuring smooth



# -31°F HEATING

Reliable low ambient heating down to -31°F ensures comfort and efficiency even in extreme conditions with up to 100% heating capacity at 5°F.



Automatically restarts the system after a power outage for seamless operation without manual intervention.



### **WARM START**

Ensures the fan does not blow cold air during heating mode startup.



# **TURBO MODE**

Delivers rapid cooling or heating, making it ideal for quickly adjusting the room temperature.



# INDEPENDENT LOUVER CONTROL

The four cassette louvers can be set to the same, or different positions, to control airflow direction.







# COMPACT CASSETTE SPECIFICATIONS







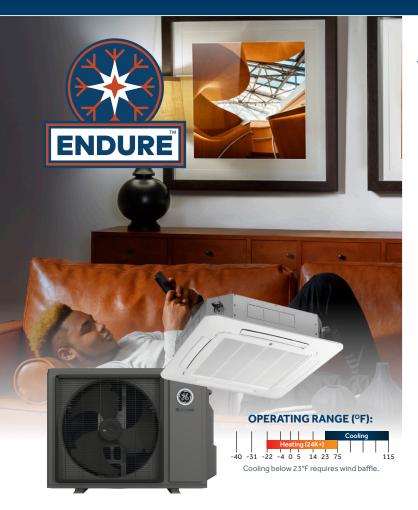
	Outdoor Unit	1G09ED2BEA	1G12ED2BEA	1G18ED2BEA	
	Indoor Unit	US09CB2BEA	US12CB2BEA	US18CB2BEA	
	Panel (required, sold seperately)	GACCP01GA	GACCP01GA	GACCP01GA	
Cooling	Rated Capacity Btu/hr	9,000	12,000	18,000	
	Capacity Range Btu/hr	3,000-10,000	3,000-13,000	6,000-19,000	
	SEER2	20	20	20	
	EER2	12	12	12	
	Moisture Removal Pt./hr	2.40	3.50	5.50	
	Rated Heating Capacity 47°F Btu/hr	10,000	12,500	18,000	
Heating	Heating Capacity Range Btu/hr	3,000-11,000	3,000-14,000	6,000-19,500	
	HSPF2 (IV)	10.0	10.0	10.0	
	Rated Heating Capacity 5°F Btu/hr	9,000	10,000	14,400	
	Heating Capacity at 5°F / Capacity at 47°F	90%	80%	80%	
	COP 5°F	1.8	1.8	1.8	
Operating	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	
Range	Heating	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)	
	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1	
Power Supply	Maximum Fuse Size A	20	20	30	
	Minimum Circuit Amp A	13	14	20	
	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	
Outdoor Unit	Outdoor Noise Level dB	54	55	60	
	Dimension: H x W x D in (mm)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)	27 3/4 x 38 3/8 x 13 3/8 (705 x 974 x 340)	
	Weight (Net/Ship) - lbs (kg)	83.41/96.87 (37.8/43.9)	88.15/100.4 (39.95/45.5)	104.59/122.46 (47.4/55.5)	
	Basepan Heater	Yes	Yes	Yes	
	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	440/387/351/320/290	440/387/351/320/290	458/425/387/345/302	
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	440/387/351/320/290	440/387/351/320/290	479/441/387/345/302	
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	42/40/36/32/25	45/42/40/36/32	45/42/40/36/32	
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	42/40/36/32/25	45/42/40/36/32	45/42/40/36/32	
	Auto Up-Down Louver	Yes	Yes	Yes	
	Auto Left-Right Louver	No	No	No	
Indoor Unit	Dimension: H x W x D in (mm)	10 1/4 x 22 3/4 x 22 3/4 (260 x 575 x 575)	10 1/4 x 22 3/4 x 22 3/4 (260 x 575 x 575)	10 1/4 x 22 3/4 x 22 3/4 (260 x 575 x 575)	
	Weight (Net/Ship) - lbs (kg)	32.41/47.4 (14.7/21.5)	32.41/47.4 (14.7/21.5)	32.41/47.4 (14.7/21.5)	
	Drain Pipe Size O.D in	1*	1*	1*	
	Condensate Pump	Built-In	Built-In	Built-In	
	Max. Drain-Lift Height in (mm)	47 1/4 (1200)	47 1/4 (1200)	47 1/4 (1200)	
	Factory-Installed Refrigerant Detection Sensor (RDS)	No	No	No	
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold seperately)	Yes (UALS01A, sold seperately)	Yes (UALS01A, sold seperately)	
	<b>Ş</b> WiFi**	Built-in	Built-in	Built-in	
	Refrigerant	R454B	R454B	R454B	
Refrigerant Lines	Connections	Flare	Flare	Flare	
	Liquid O.D. in	1/4	1/4	1/4	
	Suction O.D. in	3/8	3/8	1/2	
	Factory Charge Oz	46.6	50.1	58.6	
	Maximum Line Length Ft / m	66/20	66/20	83/25	
	Maximum Height Ft / m	33/10	33/10	50/15	

<sup>\*</sup>Condensate drain adapter shipped with the indoor unit is designed to accept a 3/4" PVC pipe.

\*\*WiFi includes SmartHQ $^{\text{TM}}$  Home and SmartHQ $^{\text{TM}}$  Service compatibility







# **EASIER TO: DO THE JOB**



## **R454B REFRIGERANT**

A lower Global Warming Potential (GWP), eco-friendly option that meets updated refrigerant guidelines while maintaining high efficiency.



## **OVER-THE-AIR UPDATES**

New high-speed communication wire allows outdoor unit over-the-air updates via the SmartHQ™ Home app.



#### **CONDENSATE PUMP**

Factory-installed condensate pump.



## **FRESH AIR KNOCKOUT**

Unit designed with a 4" round fresh air knockout.

# **EASIER TO: CLOSE THE SALE**



## **DC INVERTER TECHNOLOGY**

Advanced DC inverter technology enhances energy efficiency, cuts costs, and improves reliability, making it ideal for energy-conscious homeowners.



A hydrophilic aluminum fin provides corrosion protection and ensures smooth water flow for long-lasting performance.



#### **BASEPAN HEATER**

A basepan heater prevents ice buildup and condensate water accumulation in the outdoor unit, ensuring smooth



# -31°F HEATING

Reliable low ambient heating down to -31°F ensures comfort and efficiency even in extreme conditions with up to 100% heating capacity at 5°F.



Automatically restarts the system after a power outage for seamless operation without manual intervention.



### **WARM START**

Ensures the fan does not blow cold air during heating mode startup.



# **TURBO MODE**

Delivers rapid cooling or heating, making it ideal for quickly adjusting the room temperature.



# INDEPENDENT LOUVER CONTROL

The four cassette louvers can be set to the same, or different positions, to control airflow direction.







# LARGE CASSETTE SPECIFICATIONS







	Outdoor Unit	1G24ED2BEA	1G3036ED2BEA	1G3036ED2BEA US36LB2BEA	
	Indoor Unit	US24LB2BEA	US30LB2BEA		
	Panel (required, sold seperately)	GALCP01GA	GALCP01GA	GALCP01GA	
Cooling	Rated Capacity Btu/hr	24,000	30,000	36,000	
	Capacity Range Btu/hr	6,000-25,000	9,000-32,000	9,000-37,500	
	SEER2	20	20	19	
	EER2	12	12	11	
	Moisture Removal Pt./hr	3.78	5.00	6.63	
	Rated Heating Capacity 47°F Btu/hr	26,000	32,000	37,000	
Heating	Heating Capacity Range Btu/hr	6,000-27,000	9,000-33,500	9,000-38,500	
	HSPF2 (IV)	10.0	10.0	10.0	
	Rated Heating Capacity 5°F Btu/hr	22,000	22,000 27,000		
	Heating Capacity at 5°F / Capacity at 47°F	85%	84%	78%	
	COP 5°F	1.8	1.8	1.8	
Operating	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	
Range	Heating	-22~75°F (-30~24°C)	-22~75°F (-30~24°C)	-22~75°F (-30~24°C)	
	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1	
Power Supply	Maximum Fuse Size A	30	40	40	
	Minimum Circuit Amp A	22	25	25	
	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	
	Outdoor Noise Level dB	68	72	73	
Outdoor Unit	Dimension: H x W x D in (mm)	30 1/8 x 40 3/16 x 17 1/8 (765 x 1021 x 435)	33 1/16 x 43 1/8 x 19 7/8 (840 x 1095 x 505)	33 1/16 x 43 1/8 x 19 7/8 (840 x 1095 x 505)	
	Weight (Net/Ship) - lbs (kg)	134.7/173.06 (61.1/78.5)	165.42/211.64 (75/96)	165.42/211.64 (75/96)	
	Basepan Heater	Yes	Yes	Yes	
	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	1033/873/858/640/400	1247/1200/1033/873/650	1247/1200/1033/873/650	
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	1033/873/858/640/400	1247/1200/1033/873/650	1247/1200/1033/873/650	
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	46/44/41/38/35	51/50/45/44/39	51/50/45/44/39	
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	46/44/42/39/36	51/50/45/44/39	51/50/45/44/39	
	Auto Up-Down Louver	Yes	Yes	Yes	
	Auto Left-Right Louver	No	No	No	
Indoor Unit	Dimension: H x W x D in (mm)	9 3/4 x 33 x 33 (248 x 840 x 840)	9 3/4 x 33 x 33 (248 x 840 x 840)	9 3/4 x 33 x 33 (248 x 840 x 840)	
	Weight (Net/Ship) - lbs (kg)	56.22/85.32 (25.5/38.7)	56.22/85.32 (25.5/38.7)	56.22/85.32 (25.5/38.7)	
	Drain Pipe Size O.D in	1*	1*	1*	
	Condensate Pump	Built-In	Built-In	Built-In	
	Max. Drain-Lift Height in (mm)	47 1/4 (1200)	47 1/4 (1200)	47 1/4 (1200)	
	Factory-Installed Refrigerant Detection Sensor (RDS)	No	No	No	
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold seperately)	Yes (UALS01A, sold seperately)	Yes (UALS01A, sold seperately)	
	₩iFi**	Built-in	Built-in	Built-in	
	Refrigerant	R454B	R454B	R454B	
	Connections	Flare	Flare Flare		
D-61	Liquid O.D. in	3/8	3/8	3/8	
Refrigerant Lines	Suction O.D. in	5/8	3/4	3/4	
	Factory Charge Oz	77.7	109.4	109.4	
	Maximum Line Length Ft / m	165/50	165/50 165/50		
	Maximum Height Ft / m	100/30	100/30	100/30	

<sup>\*</sup>Condensate drain adapter shipped with the indoor unit is designed to accept a 3/4" PVC pipe.





<sup>\*\*</sup>WiFi includes SmartHQ $^{\text{TM}}$  Home and SmartHQ $^{\text{TM}}$  Service compatibility.



# **EASIER TO: DO THE JOB**



# **R454B REFRIGERANT**

A lower Global Warming Potential (GWP), eco-friendly option that meets updated refrigerant guidelines while maintaining high efficiency.



## **OVER-THE-AIR UPDATES**

New high-speed communication wire allows outdoor unit over-the-air updates via the SmartHQ™ Home app.



#### AIRFLOW DIRECTION CONTROL

Allows the homeowner to select preferred airflow direction - the top and bottom or top only.



# **INSTALLATION FLEXIBILITY**

Unit can be placed on the floor or installed low on the wall.

# **EASIER TO: CLOSE THE SALE**



## **DC INVERTER TECHNOLOGY**

Advanced DC inverter technology enhances energy efficiency, cuts costs, and improves reliability, making it ideal for energy-conscious homeowners.



A hydrophilic aluminum fin provides corrosion protection and ensures smooth water flow for long-lasting performance.



#### **BASEPAN HEATER**

A basepan heater prevents ice buildup and condensate water accumulation in the outdoor unit, ensuring smooth



# -31°F HEATING

Reliable low ambient heating down to -31°F ensures comfort and efficiency even in extreme conditions with up to 100% heating capacity at 5°F.



Automatically restarts the system after a power outage for seamless operation without manual intervention.



### **WARM START**

Ensures the fan does not blow cold air during heating mode startup.



# **TURBO MODE**

Delivers rapid cooling or heating, making it ideal for quickly adjusting the room temperature.



#### **ROOM TEMPERATURE DISPLAY**

Easy-to-read dual seven segment display on the front of the panel.



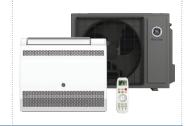




# CONSOLE SPECIFICATIONS







	Outdoor Unit	1G09ED2BEA 1G12ED2BEA		1G18ED2BEA		
	Indoor Unit	US09FB2BEA	US12FB2BEA	US18FB2BEA		
	Rated Capacity Btu/hr	9,000	12,000	17,000		
Cooling	Capacity Range Btu/hr	3,000-10,000	3,000-13,500	6,000-18,500		
	SEER2	20	20	19		
	EER2	12	12	9		
	Moisture Removal Pt./hr	2.16	3.40	3.80		
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	12,300	18,000		
	Heating Capacity Range Btu/hr	2,500-10,000	2,500-13,000	6,000-19,000		
	HSPF2 (IV)	10.5	9.5	9.5		
	Rated Heating Capacity 5°F Btu/hr	9,000	10,000	14,400		
	Heating Capacity at 5°F / Capacity at 47°F	90%	81%	80%		
	COP 5°F	1.8	1.8	1.8		
Operating	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)		
Range	Heating	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)		
	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1		
Power Supply	Maximum Fuse Size A	20	20	30		
	Minimum Circuit Amp A	13	14	20		
	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary		
Outdoor Unit	Outdoor Noise Level dB	54	55	60		
	Dimension: H x W x D in (mm)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)	27 3/4 x 38 3/8 x 13 3/8 (705 x 974 x 340)		
	Weight (Net/Ship) - lbs (kg)	83.41/96.87 (37.8/43.9)	88.15/100.4 (39.95/45.5)	104.59/122.46 (47.4/55.5)		
	Basepan Heater	Yes	Yes	Yes		
	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto		
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	290/218/205/176/147	314/226/210/195/175	345/341/271/218/210		
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	312/206/205/176/147	311/223/200/195/175	328/296/263/206/200		
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/40/37/32/24	47/41/37/33/25	49/44/43/40/37		
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	43/37/32/27/20	47/40/37/33/25	49/43/43/37/37		
Indoor Unit	Auto Up-Down Louver	Yes	Yes	Yes		
illuool ollic	Auto Left-Right Louver	No	No	No		
	Drain Pipe Size O.D in	5/8	5/8	5/8		
	Dimension: H x W x D in (mm)	23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220)	23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220)	23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220)		
	Weight (Net/Ship) - lbs (kg)	32.41/43.43 (14.7/19.7)	32.41/43.43 (14.7/19.7)	32.41/43.43 (14.7/19.7)		
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes	Yes	Yes		
	Ş WiFi*	Built-in	Built-in	Built-in		
	Refrigerant	R454B	R454B	R454B		
Refrigerant Lines	Connections	Flare	Flare	Flare		
	Liquid O.D. in	1/4	1/4	1/4		
	Suction O.D. in	3/8	3/8	1/2		
	Factory Charge Oz	46.6	50.1	58.6		
	Maximum Line Length Ft / m	66/20	66/20	83/25		
	Maximum Height Ft / m	33/10	33/10	50/15		
	-					

\*WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibilit







# **EASIER TO: DO THE JOB**



#### **R454B REFRIGERANT**

A lower Global Warming Potential (GWP), eco-friendly option that meets updated refrigerant guidelines while maintaining high efficiency.



## **OVER-THE-AIR UPDATES**

New high-speed communication wire allows outdoor unit over-the-air updates via the SmartHQ™ Home app.



## **COMPACT DESIGN**

Less than 10" height saves ceiling space.



# **CONDENSATE PUMP**

Factory-installed condensate pump.



# 0.6" EXTERNAL STATIC

Designed for static pressure up to 0.6" w.g.



# **AUXILIARY HEATER COMPATIBLE**

Compatible with many third-party auxiliary heaters.



# **FRESH AIR KNOCKOUT**

Unit designed with a 4" round fresh air knockout.

# **EASIER TO: CLOSE THE SALE**



## **DC INVERTER TECHNOLOGY**

Advanced DC inverter technology enhances energy efficiency, cuts costs, and improves reliability, making it ideal for energy-conscious homeowners.



A hydrophilic aluminum fin provides corrosion protection and ensures smooth water flow for long-lasting performance.



#### **BASEPAN HEATER**

A basepan heater prevents ice buildup and condensate water accumulation in the outdoor unit, ensuring smooth operation.



# -31°F HEATING

Reliable low ambient heating down to -31°F ensures comfort and efficiency even in extreme conditions with up to 100% heating capacity at 5°F.



Automatically restarts the system after a power outage for seamless operation without manual intervention.



### **WARM START**

Ensures the fan does not blow cold air during heating mode startup.



# **TURBO MODE**

Delivers rapid cooling or heating, making it ideal for quickly adjusting the room temperature.



# **OPTIONAL ACCESSORIES**

MERV filter box and supply plenums available (sold separately) for easy installation.







# MID-STATIC DUCTED SPECIFICATIONS











	Outdoor Unit	1G09ED2BEA	1G12ED2BEA	1G18ED2BEA	1G24ED2BEA	1G3036ED2BEA	1G3036ED2BEA
	Indoor Unit	US09MB2BEA	US12MB2BEA	US18MB2BEA	US24MB2BEA	US30MB2BEA	US36MB2BEA
Cooling	Rated Capacity Btu/hr	9,000	10,000	18,000	24,000	30,000	36,000
	Capacity Range Btu/hr	3,000-10,000	3,000-11,000	6,000-19,000	6,000-25,000	9,000-31,000	9,000-36,500
	SEER2	19.6	19.8	18	18.2	17.6	17.4
	EER2	12	11.7	11.7	11.7	10.8	9.8
	Moisture Removal Pt./hr	1.10	1.18	3.80	4.19	5.07	7.6
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	14,000	20,000	26,000	32,000	36,000
	Heating Capacity Range Btu/hr	3,000-12,500	3,000-14,500	6,000-20,500	6,000-26,500	9,000-33,000	9,000-36,500
	HSPF2 (IV)	10.5	10.5	10.5	10.5	10	9.5
	Rated Heating Capacity 5°F Btu/hr	8,000	10,000	17,000	23,000	24,000	26,000
	Heating Capacity at 5°F / Capacity at 47°F	80%	71%	85%	88%	75%	72%
	COP 5°F	1.8	1.8	1.8	1.8	1.8	1.8
Operating	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)
Range	Heating	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)	-22~75°F (-30~24°C)	-22~75°F (-30~24°C)	-22~75°F (-30~24°C)
	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Power Supply	Maximum Fuse Size A	20	20	30	30	40	40
	Minimum Circuit Amp A	13	14	20	22	25	25
Outdoor Unit	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Outdoor Noise Level dB	54	55	60	68	72	73
	Dimension: H x W x D in (mm)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)	27 3/4 x 38 3/8 x 13 3/8 (705 x 974 x 340)	30 1/8 x 40 3/16 x 17 1/8 (765 x 1021 x 435)	33 1/16 x 43 1/8 x 19 7/8 (840 x 1095 x 505)	33 1/16 x 43 1/8 x 19 7/8 (840 x 1095 x 505)
	Weight (Net/Ship) - lbs (kg)	83.41/96.87 (37.8/43.9)	88.15/100.4 (39.95/45.5)	104.59/122.46 (47.4/55.5)	134.7/173.06 (61.1/78.5)	165.42/211.64 (75/96)	165.42/211.64 (75/96)
	Basepan Heater	Yes	Yes	Yes	Yes	Yes	Yes
	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	353/286/200/150/141	409/350/308/158/148	620/517/332/214/203	927/844/667/564/482	1236/1130/953/812/688	1236/1130/953/812/688
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	358/292/208/155/145	412/355/311/163/152	627/523/337/217/205	927/844/667/564/482	1236/1130/953/812/688	1236/1130/953/812/688
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/41/38/35/32	47/44/41/38/35	48/45/42/39/36	44/43/42/40/38	46/45/41/38/36	46/45/41/38/36
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	44/41/38/35/32	47/44/41/38/35	48/45/42/39/36	44/43/42/40/38	46/45/41/38/36	46/45/41/38/36
Indoor I Init	Dimension: H x W x D in (mm)	9 3/4 x 31 3/4 x 27 1/2 (248 x 805 x 700)	9 3/4 x 31 3/4 x 27 1/2 (248 x 805 x 700)	9 3/4 x 47 1/2 x 27 1/2 (248 x 1207 x 700)	9 3/4 x 47 1/2 x 27 1/2 (248 x 1207 x 700)	9 3/4 x 63 1/4 x 27 1/2 (248 x 1607 x 700)	9 3/4 x 63 1/4 x 27 1/2 (248 x 1607 x 700)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	62.17/86.86 (28.2/39.4)	62.17/86.86 (28.2/39.4)	87.74/123.46 (39.8/56)	87.74/123.46 (39.8/56)	115.08/158.29 (52.2/71.8)	115.08/158.29 (52.2/71.8)
	Drain Pipe Size O.D in	1*	1*	1*	1*	1*	1*
	Max. External Static Pressure in.W.G (Pa)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)
	Condensate Pump	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
	Max. Drain-lift height in (mm)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes	Yes	Yes	Yes	Yes	Yes
	₩iFi**	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
	Refrigerant	R454B	R454B	R454B	R454B	R454B	R454B
	Connections	Flare	Flare	Flare	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4	3/8	3/8	3/8
Refrigerant Lines	Suction O.D. in	3/8	3/8	1/2	5/8	3/4	3/4
	Factory Charge Oz	46.6	50.1	58.6	77.7	109.4	109.4
	Maximum Line Length Ft / m	66/20	66/20	83/25	165/50	165/50	165/50
	Maximum Height Ft / m	33/10	33/10	50/15	100/30	100/30	100/30

<sup>\*</sup>Condensate drain adapter shipped with the indoor unit is designed to accept a 3/4" PVC pipe





<sup>\*\*</sup>WiFi includes SmartHQ $^{\text{TM}}$  Home and SmartHQ $^{\text{TM}}$  Service compatibility



# **LIMITED WARRANTY**

We take pride in our workmanship; our standard coverage includes a 5-year limited warranty on parts.

Additionally, our ductless systems qualify for a 10-year limited warranty on parts with registration. To receive the extended coverage, equipment must be registered within 60 days of installation. Please refer to the warranty documentation for complete details.



To register your equipment go to: www.geappliancesairandwater.com/warranty









