POWERED BY SmartHQ™

ALTITUDE™

SINGLE ZONE DUCTLESS HEAT PUMP SYSTEMS

GE APPLIANCES
a Haier company

AIR&WATER SOLUTIONS

SINGLE ZONE SOLUTIONS

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
A high-speed communication wire between the outdoor and indoor unit allows outdoor unit over-the-air (OTA) 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.

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 energy-conscious homeowners.

BLUE FIN
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.

-15°F HEATING
Reliable low ambient heating down to -15°F ensures comfort and efficiency.

-40°F COOLING
Reliable low ambient cooling down to -40°F with wind baffle and top cover accessories (sold separately).

AUTO RESTART
The system will automatically restart after a power outage for seamless operation without manual intervention.

AUTO LOUVER
Designed to oscillate up and down automatically for even air distribution.

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.

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

Note: Features vary by individual models.

AHRI CERTIFIED® www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

SmartHQ™ HOME

SmartHQ™ SERVICE

STANDARD HIGHWALL SPECIFICATIONS

ALTITUDE™

	Outdoor Unit	1G09AD2BEA	1G12AD2BEA	1G15AD2BEA	1G18AD2BEA	1G24AD2BEA	1G3036AD2BEA	1G3036AD2BEA
	Indoor Unit	GS09WB2BEA	GS12WB2BEA	GS15WB2BEA	GS18WB2BEA	GS24WB2BEA	GS30WB2BEA	GS36WB2BEA
Cooling	Rated Capacity Btu/hr	9,000	11,800	13,500	17,000	24,000	28,400	32,400
	Capacity Range Btu/hr	3,100-11,000	3,400-13,000	4,000-16,000	4,500-19,000	4,500-26,000	6,000-31,000	6,000-33,500
	SEER2	23	21	21	20	18	18	18
	EER2	12	12	11.7	12	12	12	9.8
	Moisture Removal Pt./hr	2.6	2.7	3.2	3.6	4.9	5.2	7.3
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	13,000	17,000	19,000	24,000	31,000	36,000
	Heating Capacity Range Btu/hr	3,100-11,000	3,200-14,000	3,500-18,000	4,000-20,000	4,000-26,000	6,500-32,500	6,500-37,000
	HSPF2 (IV)	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	Rated Heating Capacity 5°F Btu/hr	8,000	10,400	13,600	15,200	19,200	26,000	24,000
	Heating Capacity at 5°F / Capacity at 47°F	80%	80%	80%	80%	80%	84%	67%
	COP 5°F	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Operating Range	Cooling (Without Wind Baffle and 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)	23~115°F (-5~46°C)
	Cooling (With Wind Baffle and Top Cover)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)
	Heating	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)
Power Supply	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	208-230/60/1
	Maximum Over-Current Protection (MOP) A	15	15	20	20	30	35	35
	Minimum Circuit Amp A	9	9	14	15	20	25	25
	Recommended Breaker Size	15	15	15	15	20	30	30
Outdoor Unit	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Outdoor Noise Level dB	55	55	58	58	61	64	64
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)	21 3/4 x 34 x 11 (553 x 863 x 280)	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)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Weight (Net/Ship) - lbs (kg)	70.17/82.96 (31.8/37.6)	70.17/82.96 (31.8/37.6)	88.15/100.4 (39.95/45.5)	90.47/103.26 (41/46.8)	121.36/147.84 (55/67)	147.84/166.59 (67/75.5)	147.84/166.59 (67/75.5)
	Basepan Heater	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	360/290/260/230/210	360/300/272/240/210	410/370/280/210/170	570/520/480/420/330	800/730/630/535/440	800/725/650/510/430	840/765/690/550/470
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	350/290/250/220/200	350/290/260/230/200	420/390/350/310/180	570/520/450/380/310	800/730/630/535/440	800/725/650/510/430	840/765/690/550/470
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/38/35/32/27	44/39/36/33/27	46/45/40/33/26	50/46/44/40/35	54/50/47/44/38	55/53/49/44/40	56/54/50/44/40
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	42/36/32/28/26	42/36/32/29/25	44/43/40/37/23	48/46/41/38/33	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
	Auto Left-Right Louver	No	No	No	No	No	No	No
	Drain Pipe Size O.D in	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Dimension: H x W x D in (mm)	11 7/8 x 34 1/4 x 7 3/4 (301 x 870 x 196)	11 7/8 x 34 1/4 x 7 3/4 (301 x 870 x 196)	12 1/4 x 36 1/8 x 8 3/8 (312 x 918 x 213)	12 7/8 x 39 3/8 x 8 3/4 (327 x 999 x 223)	13 1/2 x 44 1/2 x 9 1/8 (343 x 1129 x 232)	14 3/8 x 52 3/4 x 10 3/4 (365 x 1341 x 274)	14 3/8 x 52 3/4 x 10 3/4 (365 x 1341 x 274)
	Weight (Net/Ship) - lbs (kg)	21.84/26.92 (9.9/12.2)	21.84/26.92 (9.9/12.2)	24.49/30.45 (11.1/13.8)	27.8/34.64 (12.6/15.7)	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 Sensor (RDS)	No	No	No	No	No	No	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)
	WiFi*	Built-In	Built-In	Built-In	Built-In	Built-In	Built-In	Built-In
Refrigerant Lines	Refrigerant	R454B	R454B	R454B	R454B	R454B	R454B	R454B
	Connections	Flare	Flare	Flare	Flare	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4	1/4	1/4	3/8	3/8
	Suction O.D. in	3/8	3/8	3/8	1/2	1/2	5/8	5/8
	Factory Charge Oz	36.5	36.5	50.09	45.9	67.0	88.2	88.2
	Maximum Line Length Ft / m	66/20	66/20	66/20	83/25	165/50	165/50	165/50
	Maximum Height Ft / m	33/10	33/10	33/10	50/15	100/30	100/30	100/30

*WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibility.

SINGLE ZONE SOLUTIONS

EASIER TO: DO THE JOB

CONVENIENT MODERN DESIGN
Flexible installation accommodates ceilings of various heights, and the sleek, recessed design fits between 16" ceiling joists for easy installation.

EASY-ACCESS PCB
The PCB and motor can be easily removed for quick component and wiring checks.

CONDENSATE PUMP
Factory-installed condensate pump with up to 47 1/4" lift height.

FRESH AIR KNOCKOUT
Unit designed with a 3" fresh air knockout.

EASIER TO: CLOSE THE SALE

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

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

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

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

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

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

Note: Features vary by individual models.

AHRI CERTIFIED® www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

SmartHQ™ HOME

SmartHQ™ SERVICE

ONE-WAY CASSETTE SPECIFICATIONS

ALTITUDE™

	Outdoor Unit	1G09AD2BEA	1G12AD2BEA	1G18AD2BEA
	Indoor Unit	**US09AB2BEA**	**US12AB2BEA**	**US18AB2BEA**
	Panel (required, sold separately)	GAABP0718A	GAABP0718A	GAABP0718A
Cooling	Rated Capacity Btu/hr	9,000	12,000	17,000
	Capacity Range Btu/hr	3,900-9,000	3,800-12,000	4,600-17,000
	SEER2	23	23	19
	EER2	14	12.4	11.2
	Moisture Removal Pt./hr	2	2.5	4
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	12,500	18,000
	Heating Capacity Range Btu/hr	2,800-10,000	2,800-12,500	6,400-18,000
	HSPF2 (IV)	10.6	10.2	9.5
	Rated Heating Capacity 5°F Btu/hr	9,000	10,500	15,000
	Heating Capacity at 5°F / Capacity at 47°F	90%	84%	83%
	COP 5°F	1.8	1.8	1.8
Operating Range	Cooling (Without Wind Baffle and Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)
	Cooling (With Wind Baffle and Top Cover)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)
	Heating	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)
Power Supply	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1
	Maximum Over-Current Protection (MOP) A	15	15	20
	Minimum Circuit Amp A	9	9	15
	Recommended Breaker Size	15	15	15
Outdoor Unit	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Outdoor Noise Level dB	55	55	58
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)	21 3/4 x 34 x 11 (553 x 863 x 280)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)
	Weight (Net/Ship) - lbs (kg)	70.17/82.96 (31.8/37.6)	70.17/82.96 (31.8/37.6)	90.47/103.26 (41/46.8)
	Basepan Heater	Yes	Yes	Yes
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	365/325/285/245/205	375/335/295/255/215	415/370/330/290/250
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	385/345/310/280/240	415/400/360/320/280	440/420/390/355/315
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	40/39/36/32/28	40/39/36/33/29	45/43/40/37/34
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	42/39/37/35/30	42/39/37/36/32	46/44/43/40/37
	Auto Up-Down Louver	Yes	Yes	Yes
	Auto Left-Right Louver	Yes	Yes	Yes
	Dimension: H x W x D in (mm)	7 1/4 x 50 1/4 x 13 1/4 (185 x 1277 x 335)	7 1/4 x 50 1/4 x 13 1/4 (185 x 1277 x 335)	7 1/4 x 50 1/4 x 13 1/4 (185 x 1277 x 335)
	Weight (Net/Ship) - lbs (kg)	41.4/76.7 (18.8/34.8)	42.1/78.9 (19.1/35.8)	42.1/78.9 (19.1/35.8)
	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 separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)
	WiFi**	Built-In	Built-In	Built-In
Refrigerant Lines	Refrigerant	R454B	R454B	R454B
	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	36.5	36.5	45.9
	Maximum Line Length Ft / m	66/20	66/20	83/25
	Maximum Height Ft / m	33/10	33/10	50/15

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

**WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibility.

SINGLE ZONE SOLUTIONS

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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.

BLUE FIN
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.

-15°F HEATING
Reliable low ambient heating down to -15°F ensures comfort and efficiency.

-40°F COOLING
Reliable low ambient cooling down to -40°F with wind baffle and top cover accessories (sold separately).

AUTO RESTART
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.

Note: Features vary by individual models.

AHRI CERTIFIED® www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

SmartHQ™ HOME

SmartHQ™ SERVICE

4-WAY COMPACT CASSETTE SPECIFICATIONS

ALTITUDE™

	Outdoor Unit	1G09AD2BEA	1G12AD2BEA	1G18AD2BEA
	Indoor Unit	**US09CB2BEA**	**US12CB2BEA**	**US18CB2BEA**
	Panel (required, sold separately)	GACCP01GA	GACCP01GA	GACCP01GA
Cooling	Rated Capacity Btu/hr	9,000	12,000	16,000
	Capacity Range Btu/hr	3,100-11,000	3,400-13,000	4,500-17,000
	SEER2	20	19.8	18.5
	EER2	12.2	12	11.7
	Moisture Removal Pt./hr	2.5	3.2	3.8
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	12,500	18,000
	Heating Capacity Range Btu/hr	3,100-11,000	3,200-14,000	4,000-20,000
	HSPF2 (IV)	9.5	9.5	9.1
	Rated Heating Capacity 5°F Btu/hr	7,500	9,000	14,400
	Heating Capacity at 5°F / Capacity at 47°F	77%	73%	80%
	COP 5°F	1.8	1.8	1.8
Operating Range	Cooling (Without Wind Baffle and Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)
	Cooling (With Wind Baffle and Top Cover)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)
	Heating	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)
Power Supply	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1
	Maximum Over-Current Protection (MOP) A	15	15	20
	Minimum Circuit Amp A	9	9	15
	Recommended Breaker Size	15	15	15
Outdoor Unit	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Outdoor Noise Level dB	55	55	58
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)	21 3/4 x 34 x 11 (553 x 863 x 280)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)
	Weight (Net/Ship) - lbs (kg)	70.17/82.96 (31.8/37.6)	70.17/82.96 (31.8/37.6)	90.47/103.26 (41/46.8)
	Basepan Heater	Yes	Yes	Yes
Indoor Unit	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)	41/39/34/31/23	44/43/40/34/31	45/40/35/30/29
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	41/39/34/30/23	43/41/39/33/30	44/40/35/30/28
	Auto Up-Down Louver	Yes	Yes	Yes
	Auto Left-Right Louver	No	No	No
	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 separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)
	WiFi**	Built-In	Built-In	Built-In
Refrigerant Lines	Refrigerant	R454B	R454B	R454B
	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	36.54	36.54	45.89
	Maximum Line Length Ft / m	66/20	66/20	83/25
	Maximum Height Ft / m	33/10	33/10	50/15

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

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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.

Note: Features vary by individual models.

AHRI CERTIFIED® www.ahridirectory.org Ducted Systems, Small Commercial Packaged Air-Conditioning and Heat Pump Equipment, AHRI Standard 210/240

SmartHQ™ HOME

SmartHQ™ SERVICE

4-WAY LARGE CASSETTE SPECIFICATIONS

ALTITUDE™

	Outdoor Unit	1G24AD2BEA	1G3036AD2BEA	1G3036AD2BEA
	Indoor Unit	**US24LB2BEA**	**US30LB2BEA**	**US36LB2BEA**
	Panel (required, sold separately)	GALCP01GA	GALCP01GA	GALCP01GA
Cooling	Rated Capacity Btu/hr	23,000	30,000	33,800
	Capacity Range Btu/hr	4,500-25,000	6,000-31,000	6,000-34,000
	SEER2	19.5	19	18.8
	EER2	11.7	11.2	10.6
	Moisture Removal Pt./hr	6.9	9.8	9.8
Heating	Rated Heating Capacity 47°F Btu/hr	25,000	30,000	35,000
	Heating Capacity Range Btu/hr	4,000-25,000	6,500-32,000	6,500-36,000
	HSPF2 (IV)	9.5	10	9.3
	Rated Heating Capacity 5°F Btu/hr	20,000	24,000	26,000
	Heating Capacity at 5°F / Capacity at 47°F	80%	86%	74%
	COP 5°F	1.8	1.8	1.8
Operating Range	Cooling (Without Wind Baffle and Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)
	Cooling (With Wind Baffle and Top Cover)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)
	Heating	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)
Power Supply	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1
	Maximum Over-Current Protection (MOP) A	30	35	35
	Minimum Circuit Amp A	20	25	25
	Recommended Breaker Size	20	30	30
Outdoor Unit	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Outdoor Noise Level dB	61	64	64
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Weight (Net/Ship) - lbs (kg)	121.36/147.84 (55/67)	147.84/166.59 (67/75.5)	147.84/166.59 (67/75.5)
	Basepan Heater	Yes	Yes	Yes
Indoor Unit	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)	49/47/45/39/35	58/56/51/46/44	59/57/52/47/45
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	48/47/45/38/34	57/55/50/45/43	58/56/51/46/44
	Auto Up-Down Louver	Yes	Yes	Yes
	Auto Left-Right Louver	No	No	No
	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)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)
	Factory-Installed Refrigerant Detection Sensor (RDS)	No	No	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)	Yes (UALS01A, sold separately)
	WiFi**	Built-In	Built-In	Built-In
Refrigerant Lines	Refrigerant	R454B	R454B	R454B
	Connections	Flare	Flare	Flare
	Liquid O.D. in	3/8 (use 1/4" to 3/8" adapter shipped with outdoor unit)	3/8	3/8
	Suction O.D. in	5/8 (use 1/2" to 5/8" adapter shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adapter shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adapter shipped with outdoor unit)
	Factory Charge Oz	67.0	88.2	88.2
	Maximum Line Length Ft / m	165/50	165/50	165/50
	Maximum Height Ft / m	100/30	100/30	100/30

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

**WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibility.

SINGLE ZONE SOLUTIONS

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.

BLUE FIN
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.

-15°F HEATING
Reliable low ambient heating down to -15°F ensures comfort and efficiency.

-40°F COOLING
Reliable low ambient cooling down to -40°F with wind baffle and top cover accessories (sold separately).

AUTO RESTART
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.

Note: Features vary by individual models.

AHRI CERTIFIED® www.ahridirectory.org Ductless Multi-split Systems AHRI Standard 210/240

SmartHQ™ HOME

SmartHQ™ SERVICE

CONSOLE SPECIFICATIONS

with Built-In Refrigerant Detection Sensor (RDS)

ALTITUDE™

	Outdoor Unit	1G09AD2BEA	1G12AD2BEA	1G18AD2BEA
	Indoor Unit	**US09FB2BEA**	**US12FB2BEA**	**US18FB2BEA**
Cooling	Rated Capacity Btu/hr	9,000	12,000	16,000
	Capacity Range Btu/hr	3,100-11,000	3,400-13,000	4,300-18,000
	SEER2	20	19	17
	EER2	12	9.5	8.6
	Moisture Removal Pt./hr	2.16	3.4	3.8
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	12,500	17,000
	Heating Capacity Range Btu/hr	3,100-11,000	3,200-13,000	3,600-15,000
	HSPF2 (IV)	9.5	9.2	7.8
	Rated Heating Capacity 5°F Btu/hr	8,500	9,500	12,600
	Heating Capacity at 5°F / Capacity at 47°F	91%	71%	75%
	COP 5°F	1.8	1.8	1.75
Operating Range	Cooling (Without Wind Baffle and Top Cover)	23~115°F (-5~46°C)	23~115°F (-5~46°C)	23~115°F (-5~46°C)
	Cooling (With Wind Baffle and Top Cover)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)
	Heating	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)
Power Supply	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1	208-230/60/1	208-230/60/1
	Maximum Over-Current Protection (MOP) A	15	15	20
	Minimum Circuit Amp A	9	9	15
	Recommended Breaker Size	15	15	15
Outdoor Unit	Compressor Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Outdoor Noise Level dB	55	55	58
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)	21 3/4 x 34 x 11 (553 x 863 x 280)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)
	Weight (Net/Ship) - lbs (kg)	70.17/82.96 (31.8/37.6)	70.17/82.96 (31.8/37.6)	90.47/103.26 (41/46.8)
	Basepan Heater	Yes	Yes	Yes
Indoor Unit	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	345/300/280/218/210
	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)	44/40/36/32/28	48/41/37/33/30	49/44/43/38/35
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	44/38/33/28/26	48/41/37/33/30	49/43/42/37/35
	Auto Up-Down Louver	Yes	Yes	Yes
	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)	32.6/43.2 (14.8/19.6)	32.6/43.2 (14.8/19.6)	32.6/43.2 (14.8/19.6)
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes	Yes	Yes
	WiFi*	Built-In	Built-In	Built-In
Refrigerant Lines	Refrigerant	R454B	R454B	R454B
	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	36.5	36.5	45.9
	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 compatibility.

SINGLE ZONE SOLUTIONS

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.

BLUE FIN
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.

-15°F HEATING
Reliable low ambient heating down to -15°F ensures comfort and efficiency.

-40°F COOLING
Reliable low ambient cooling down to -40°F with wind baffle and top cover accessories (sold separately).

AUTO RESTART
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.

Note: Features vary by individual models.

AHRI CERTIFIED® www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

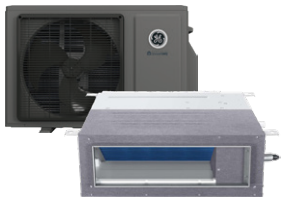
SmartHQ™ HOME

SmartHQ™ SERVICE

MID-STATIC DUCTED SPECIFICATIONS

with Built-In Refrigerant Detection Sensor (RDS)

ALTITUDE™



	Outdoor Unit	1G09AD2BEA	1G12AD2BEA	1G18AD2BEA	1G24AD2BEA	1G3036AD2BEA	1G3036AD2BEA
	Indoor Unit	US09MB2BEA	US12MB2BEA	US18MB2BEA	US24MB2BEA	US30MB2BEA	US36MB2BEA
Cooling	Rated Capacity Btu/hr	9,000	12,000	17,000	24,000	30,000	33,000
	Capacity Range Btu/hr	3,100-11,000	3,400-13,000	4,500-19,000	4,500-26,000	6,000-31,000	6,000-33,500
	SEER2	17.8	17	17.3	18	17	16
	EER2	11.7	10.3	10.8	10	10.3	9.5
	Moisture Removal Pt./hr	2.5	2.7	3.6	4.9	5.2	8
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	13,000	19,000	24,800	32,000	36,000
	Heating Capacity Range Btu/hr	3,100-11,000	3,200-14,000	4,000-20,000	4,000-26,000	6,500-32,500	6,500-37,000
	HSPF2 (IV)	9.4	9.4	9	9.4	9.4	9
	Rated Heating Capacity 5°F Btu/hr	8,000	9,100	15,200	20,000	25,000	25,200
	Heating Capacity at 5°F / Capacity at 47°F	77%	70%	79%	81%	79%	70%
	COP 5°F	1.8	1.8	1.8	1.8	1.8	1.8
Operating Range	Cooling (Without Wind Baffle and 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)
	Cooling (With Wind Baffle and Top Cover)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)	-40~115°F (-40~46°C)
	Heating	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)
Power Supply	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
	Maximum Over-Current Protection (MOP) A	15	15	20	30	35	35
	Minimum Circuit Amp A	9	9	15	20	25	25
	Recommended Breaker Size	15	15	15	20	30	30
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	55	55	58	61	64	64
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)	21 3/4 x 34 x 11 (553 x 863 x 280)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Weight (Net/Ship) - lbs (kg)	70.17/82.96 (31.8/37.6)	70.17/82.96 (31.8/37.6)	90.47/103.26 (41/46.8)	121.36/147.84 (55/67)	147.84/166.59 (67/75.5)	147.84/166.59 (67/75.5)
	Basepan Heater	Yes	Yes	Yes	Yes	Yes	Yes
Indoor Unit	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)	44/43/38/35/34	44/43/38/35/34	49/46/42/39/38	47/46/41/38/37	47/46/42/39/36	47/46/42/39/36
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	44/43/38/36/35	44/43/38/35/35	48/45/41/39/37	46/45/40/38/36	48/47/41/38/35	48/47/41/38/35
	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 59 x 27 1/2 (248 x 1500 x 700)	9 3/4 x 59 x 27 1/2 (248 x 1500 x 700)
	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
	WiFi**	Built-In	Built-In	Built-In	Built-In	Built-In	Built-In
Refrigerant Lines	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 (use 1/4" to 3/8" adapter shipped with outdoor unit)	3/8	3/8
	Suction O.D. in	3/8	3/8	1/2	5/8 (use 1/2" to 5/8" adapter shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adapter shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adapter shipped with outdoor unit)
	Factory Charge Oz	36.5	36.5	45.86	67.02	88.18	88.18
	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

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

**WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibility.

NOTES

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

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