



# Single Zone Ductless Heat Pump Systems

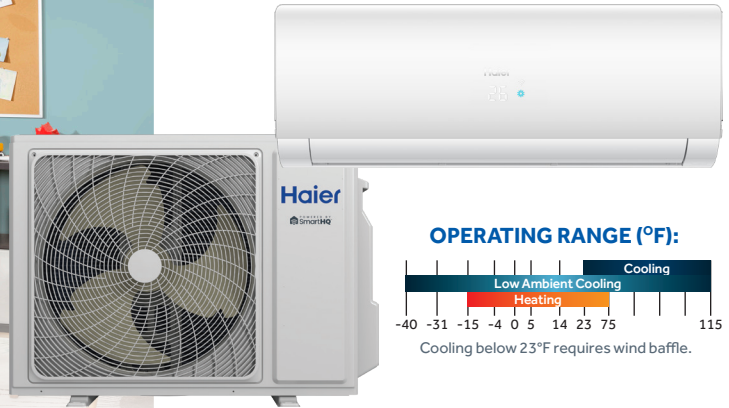


**GE APPLIANCES**  
*a Haier company*

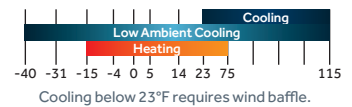
**AIR&WATER**  
SOLUTIONS

# Single Zone Solutions

# Haier



## OPERATING RANGE (°F):



### 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.



### 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).



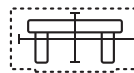
### WARM START

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 without manual intervention.



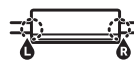
### MOUNTING TEMPLATE/PLATE

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



### EXTENDED KICKSTAND

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



### 2-WAY PIPING DRAIN

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



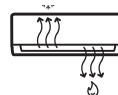
### EASY-ACCESS PCB

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



### TURBO MODE

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



### AUTO LOUVER

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



### 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.



# Standard Highwall Specifications



Outdoor Unit		1Q09FF2BEA	1Q12FF2BEA	1Q15FF2BEA	1Q18FF2BEA	1Q24FF2BEA	1Q3036FF2BEA	1Q3036FF2BEA
Indoor Unit		QS09WB2BEA	QS12WB2BEA	QS15WB2BEA	QS18WB2BEA	QS24WB2BEA	QS30WB2BEA	QS36WB2BEA
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%
Operating Range	COP 5°F	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	Cooling (Without Wind Baffle or Top Cover)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)
	Cooling (With Wind Baffle or Top Cover)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)
Power Supply	Heating	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°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	208-230/60/1
	Maximum Fuse Size A	10	10	20	20	30	35	35
Outdoor Unit	Minimum Circuit Amp A	9	9	14	15	20	25	25
	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
Indoor Unit	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)
Refrigerant Lines	WiFi*	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
	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

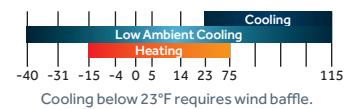
\*WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibility.

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### BLUE FIN

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### 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.



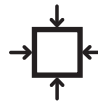
### -40°F COOLING

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.



### COMPACT DESIGN

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



### CONDENSATE PUMP

Factory-installed condensate pump.



### 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.



### FRESH AIR KNOCKOUT

Unit designed with a 4" round fresh air knockout.



### 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.



# Compact Cassette Specifications



	Outdoor Unit	1Q09FF2BEA	1Q12FF2BEA	1Q18FF2BEA
	Indoor Unit	US09CB2BEA	US12CB2BEA	US18CB2BEA
	Panel (required, sold separately)	QACCP01WA	QACCP01WA	QACCP01WA
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 or Top Cover)	23°F~115°F (-5~46°C)	23°F~115°F (-5~46°C)	23°F~115°F (-5~46°C)
	Cooling (With Wind Baffle or Top Cover)	-40°F~115°F (-40~46°C)	-40°F~115°F (-40~46°C)	-40°F~115°F (-40~46°C)
	Heating	-15°F~75°F (-26~24°C)	-15°F~75°F (-26~24°C)	-15°F~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 Fuse Size A	10	10	20
	Minimum Circuit Amp A	9	9	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	36.5	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.

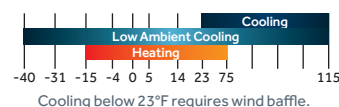
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Factory-installed condensate pump.



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



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Unit designed with a 4" round fresh air knockout.



### 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.



# Large Cassette Specifications



	Outdoor Unit	1Q24FF2BEA	1Q3036FF2BEA	1Q3036FF2BEA
	Indoor Unit	US24LB2BEA	US30LB2BEA	US36LB2BEA
	Panel (required, sold separately)	QALCP01WA	QALCP01WA	QALCP01WA
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 or Top Cover)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)
	Cooling (With Wind Baffle or Top Cover)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)
	Heating	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-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 Fuse Size A	30	35	35
	Minimum Circuit Amp A	20	25	25
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" adaptor shipped with outdoor unit)	3/8	3/8
	Suction O.D. in	5/8 (use 1/2" to 5/8" adaptor shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adaptor shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adaptor 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.

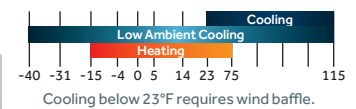
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## OPERATING RANGE (°F):



### 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.



### 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.



### 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.



### ROOM TEMPERATURE DISPLAY

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

Note: Features vary by individual models.



# Console Specifications

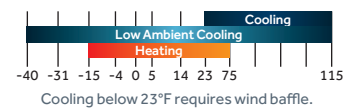


	Outdoor Unit	1Q09FF2BEA	1Q12FF2BEA	1Q18FF2BEA
	Indoor Unit	US09FB2BEA	US12FB2BEA	US18FB2BEA
Cooling	Rated Capacity Btu/hr	9,000	12,000	16,000
	Capacity Range Btu/hr	3,100-11,000	3,400-13,000	4,300-18,000
	SEER2	20	19	17
	EER2	12	9.5	8.6
	Moisture Removal Pt./hr	2.16	3.4	3.8
Heating	Rated Heating Capacity 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 or Top Cover)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)
	Cooling (With Wind Baffle or Top Cover)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)
	Heating	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-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 Fuse Size A	10	10	20
	Minimum Circuit Amp A	9	9	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.



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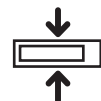
#### WARM START

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.



#### 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.



#### FRESH AIR KNOCKOUT

Unit designed with a 4" round fresh air knockout.



#### AUXILIARY HEATER COMPATIBLE

Compatible with many third-party auxiliary heaters.



#### OPTIONAL ACCESSORIES

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

Note: Features vary by individual models.



# Mid-Static Ducted Specifications



	Outdoor Unit	1Q09FF2BEA	1Q12FF2BEA	1Q18FF2BEA	1Q24FF2BEA	1Q3036FF2BEA	1Q3036FF2BEA
	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%
Operating Range	COP 5°F	1.8	1.8	1.8	1.8	1.8	1.8
	Cooling (Without Wind Baffle or Top Cover)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)
	Cooling (With Wind Baffle or Top Cover)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)	-40°F-115°F (-40-46°C)
Power Supply	Heating	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°C)	-15°F-75°F (-26-24°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
	Maximum Fuse Size A	10	10	20	30	35	35
Outdoor Unit	Minimum Circuit Amp A	9	9	15	20	25	25
	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
Indoor Unit	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
Refrigerant Lines	WiFi**	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 (use 1/4" to 3/8" adaptor 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" adaptor shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adaptor shipped with outdoor unit)	3/4 (use 5/8" to 3/4" adaptor 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.



# Haier

POWERED BY  
**SmartHQ™**

## 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](http://www.geappliancesairandwater.com/warranty)**



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