AIR CONDITIONING SOLUTIONS



## High Wall Unit 42KHCT & 42KHET 42QHCT & 42QHET







# A unique collection of advantages

Carrier's advanced remote control represents the highest degree of comfort management with complete control and protection functions built in the electronic system to ensure comfort, safety and reliability.





#### Plasma Green technology (Only for Systems 1 - 1.5 - 2 TR)

Plasma Green air purifier generates an electrostatic field. The air passing through this zone is converted to Plasma, and 95% of the dust, smoke and pollen particles are attracted to an electronegative filter for clean and healthy air.



#### **Smart airflow**

Smart airflow function allows for optimum uniform distribution of supply air across the entire room to be air conditioned.





### Ionizer technology

**(Only for systems 2.5 - 3 TR)** Ionizer generates large quantity of negative ions for refreshing air, killing germs, removing smoke and dust particles. Ionizer gives an immediate sensation of energy and well-being.



#### Turbo function for faster cooling

Turbo function automatically changes the fan speed to maximum speed to maximize the cooling capacity and to make the room cool down rapidly.



#### Follow me function for smart comfort control

Smart follow me function controls comfortable temperature when you stay close to the remote control. With this technology, an efficient temperature sensor is built in the remote control to sense your location and to make it feel like the air conditioner is following you.



#### Efficient active filter

Active carbon - electrostatic air filter is used to remove odors and microscopic dust removal.



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## **High Efficiency** performance

Carrier's range of condensing units guarantee continuous exceptional performance in extreme ambient conditions



#### Sleep mode for comfortable & healthy sleep

The air conditioner will automatically decrease the fan speed to low speed and also will increase or decrease the setting temperature ( as per the selected mode cool or heat ) by 1°C per hour for the first two hours, then hold it steady for the next 5 hours after which it will switch off. This function maintains healthy sleep with both energy savings and comfort in the night.



#### **Timer functions**

Programmable timer functions allow for easy on and off selection with energy savings.



#### **Optinal smart WiFi kit** (Only for systems 1 - 1.5 - 2 TR)

Carrier has introduced an Android app or IOS App, which can be used to control the operation of your air conditioner remotely via an app called "Net Home Plus". through your smart mobile phone.





#### Can be connected with BMS (Onlt for systems 1 - 1.5 - 2 TR)

The air conditioner can be connected to Building Management System (BMS) by using optional display panel with X Y E ports connections for BMS



#### Auto restart function

If the air conditioner shuts down unexpectedly due to a power cut, it will restart automatically with backup memory to operate with the previous settings when the power returns.



#### Anti-freezing protection

Anti-freezing protection of evaporator coil when the air conditioner is operating in cool mode with excessive dust on the coil and / or clogged air filters and / or low ambient temperature operation of cool mode.



#### Self diagnostic function

This function for malfunction detection can automatically stop system operation in case of a malfunction and can show error code on the display of indoor unit for easy service and maintenance.



#### **Refrigerant leak detection**

Smart self-diagnostic, safety protection function which can automatically stop system operation in case of refrigerant leak and can show the error code for refrigerant leak on the display of indoor unit for easy service and maintenance.



#### **Technical specifications**

Indoor Unit Cool Only		Model	42KHCT12-708J	42KHCT18-708J	42KHCT24-708J	42KHET30-708F	42KHET36-708F	
Outdoor Unit Cool Only			Model	38KHCT12-708	38KHCT18-708	38KHCT24-708	38KHET30-708	38KHET36-708
System Size			TR	1.0	1.5	2.0	2.5	3.0
			BTU/h	12300	19000	24000	30300	35700
Capacity at 11			Watts	3605	5569	7034	8880	10463
Capacity at T3 Total System Power Input (OU + IU) at T1		-	BTU/h	11300	17700	21300	26485	30460
			Watts	3312	5188	6243	7762	8927
		Cooling	Watts	1149	1727	2400	2674	3145
Total System Power Input (OU + IU) at T3			Watts	1378	2142	2890	3250	3852
EER at T1			Rtu/M/ b	10.70	11.00	10.00	11.33	11.35
				0.70	9.06	7.27	0.14	7.00
Indoor Sound Pressure (High/ Medium/ Low) <sup>(4)</sup>				0.20	0.20	1.31	0.14	7.90
Indoor Sound Pressure (High/ Medium/ Low) (*)			UBA	42/30/31	43/37/31	50 / 44 / 39	53/51/49	54/51/4/
Indoor Sound Pressure (High/ Medium/ Low) (5)			dBA	47/41/38	50 / 45 / 40	53/47/44	56/54/52	57 / 53 / 49
Indoor Unit Heat Pump			Model	42QHCT12-708J	42QHCT18-708J	42QHCT24-708J	42QHET30-708F	42QHET36-708F
Outdoor Unit Heat Pump			Model	38QHCT12-708	38QHCT18-708	38QHCT24-708	38QHET30-708	38QHET36-708
System Size		TR	1.0	1.5	2.0	2.5	3.0	
Capacity at T1 Capacity at T3			BTU/h	11800	18600	23800	29600	34400
			Watts	3458	5451	6975	8675	10082
			BTU/h	11000	16590	21050	26780	31000
		Coolina	Watts	3224	4862	6169	7849	9086
Total System Power Input (OU + IU) at T1			Watts	1120	1743	2454	2735	3071
Total System Power Input (OU + IU) at T3			Watts	1378	2038	2881	3314	3836
EER at T1			Btu/W-h	10.53	10.67	9.70	10.82	11.20
EER at T3			Btu/W-h	7.98	8.14	7.30	8.08	8.08
Capacity		Heating	BTU/h	10700	18600	23600	30900	33900
			Watts	3136	5451	6917	9056	9935
Total System Power Input (OU + IU)		i loating	Watts	1306	1725	2328	2552	2744
COP			W/W	2.40	3.16	2.97	3.54	3.62
Indoor Sound Pressure (High/ Medium/ L	OW) <sup>(4)</sup>		dBA	42 / 36 / 31	43 / 37 / 31	50 / 44 / 39	53 / 50 / 45	54 / 51 / 47
Indoor Sound Pressure (High/ Medium/ L	ow) <sup>(5)</sup>		dBA	47 / 41 / 38	50 / 45 / 40	53 / 47 / 44	56 / 53 / 48	57 / 53 / 49
Indoor Unit Specifications Cool	Only		Model	42KHCT12-708J	42KHCT18-708J	42KHCT24-708J	42KHET30-708F	42KHET36-708F
				-				
Indoor Unit Specifications Heat	Pump		Model	42QHCT12-708J	42QHCT18-708J	42QHCT24-708J	42QHET30-708F	42QHET36-708F
Indoor Unit Specifications Heat Power Supply	Pump		<b>Model</b> V-Ph-Hz	42QHCT12-708J	42QHCT18-708J	<b>42QHCT24-708J</b> 220/240-1-50	42QHET30-708F	42QHET36-708F
Indoor Unit Specifications Heat Power Supply to Structure	Pump		Model V-Ph-Hz	42QHCT12-708J	42QHCT18-708J	<b>42QHCT24-708J</b> 220/240-1-50 pgy +	42QHET30-708F	42QHET36-708F
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type	Pump		Model V-Ph-Hz	<b>42QHCT12-708J</b>	42QHCT18-708J ma Green Technolo Anti-dust Air Filters	<b>42QHCT24-708J</b> 220/240-1-50 29y + + Air Eiltor	42QHET30-708F	42QHET36-708F chnology + Air Filters +
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Flow Date (High) (Madium (Low Space)         Space)	Pump		Model V-Ph-Hz	42QHCT12-708J	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Darbon Electrostic ,	<b>42QHCT24-708J</b> 220/240-1-50 2gy + + Air Filter	42QHET30-708F	42QHET36-708F chnology + Air Filters + ectrostic Air Filter
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Flow Rate (High/ Medium/ Low Speed)	i <b>Pump</b>		Model V-Ph-Hz	42QHCT12-708J Plasi Active ( 315/250/215	42QHCT18-708J ma Green Technold Anti-dust Air Filters Carbon Electrostic . 450/375/295	<b>42QHCT24-708J</b> 220/240-1-50 2gy + + Air Filter 660/550/440	42QHET30-708F	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450:2020:205
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Flow Rate (High/ Medium/ Low Speec           Dimensions (W x H x D)         Net Medicipite	i)		Model V-Ph-Hz cfm mm	42QHCT12-708J Plass Active 0 315/250/215 812x300x192	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218	<b>42QHCT24-708J</b> 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280	42QHET36-708F chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 07
Indoor Unit Specifications     Heat       Power Supply     Air Filter Type       Air Flow Rate (High/ Medium/ Low Speec     Dimensions (W x H x D)       Net Weight     Output the Specifications	i)		Model V-Ph-Hz cfm mm Kg	42QHCT12-708J Plass Active 0 315/250/215 812x300x192 9	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12	<b>42QHCT24-708J</b> 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5	42QHET36-708F chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27
Indoor Unit Specifications     Heat       Power Supply     Air Filter Type       Air Filow Rate (High/ Medium/ Low Speec     Dimensions (W x H x D)       Net Weight     Outdoor Unit Specifications       Outdoor Unit Specifications     Cool	i) Only		Model V-Ph-Hz cfm mm Kg Model	42QHCT12-708J Plass Active 0 315/250/215 812x300x192 9 38KHCT12-708	42QHCT18-708J ma Green Technolo Inti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708	<b>42QHET36-708F</b> Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 <b>38KHET36-708</b> 900UF76 700
Indoor Unit Specifications       Heat         Power Supply       Air Filter Type         Air Flow Rate (High/ Medium/ Low Speec       Dimensions (W x H x D)         Net Weight       Outdoor Unit Specifications       Cool         Outdoor Unit Specifications       Heat         Dames (Market)       Heat	i) Only Pump		Model V-Ph-Hz cfm mm Kg Model Model	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708	42QHCT18-708J ma Green Technolo Inti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708
Indoor Unit Specifications     Heat       Power Supply     Air Filter Type       Air Flow Rate (High/ Medium/ Low Speec     Dimensions (W x H x D)       Net Weight     Outdoor Unit Specifications       Outdoor Unit Specifications     Heat       Power Supply     Power Supply	i) Only Pump		Model V-Ph-Hz cfm mm Kg Model Wodel V-Ph-Hz	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708	42QHCT18-708J ma Green Technolo Inti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708
Indoor Unit Specifications     Heat       Power Supply     Air Filter Type       Air Flow Rate (High/ Medium/ Low Speed Dimensions (W x H x D)     Net Weight       Outdoor Unit Specifications     Cool Outdoor Unit Specifications       Power Supply     Compressor Type	Pump i) Only Pump		Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708	42QHCT18-708J ma Green Technolo Inti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical
Indoor Unit Specifications     Heat       Power Supply     Air Filter Type       Air Filter Type     Air Filter Type       Air Flow Rate (High/ Medium/ Low Speec     Dimensions (W x H x D)       Net Weight     Outdoor Unit Specifications       Outdoor Unit Specifications     Heat       Power Supply     Compressor Type       Refrigerant     Compressor Type	Pump i) Only Pump		Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708	42QHCT18-708J ma Green Technolo anti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speec         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Compressor Type           Refrigerant         Outdoor Sound Pressure (4)	i) Only Pump		Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 55	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical 60	<b>42QHCT24-708J</b> 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 <b>38KHCT24-708</b> <b>38QHCT24-708</b> 220/240-1-50 R22 61	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 Scroll	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speec         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Compressor Type           Refrigerant         Outdoor Sound Pressure <sup>(4)</sup> Outdoor Sound Pressure <sup>(5)</sup> Outdoor Sound Pressure <sup>(5)</sup>	i) Only Pump		Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA dBA	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 55 55 56.2	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 Scroll 63 65.1	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speec         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat         Power Supply           Compressor Type         Refrigerant         Outdoor Sound Pressure <sup>(4)</sup> Outdoor Sound Pressure <sup>(5)</sup> Dimensions (W x H x D)         Dimensions (W x H x D)	i) Only Pump		Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA dBA mm	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 38QHCT12-708 55 55.2 770x550x290	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 Scroll <sup></sup> 63 65.1 945x810x400	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speec         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Compressor Type           Refrigerant         Outdoor Sound Pressure <sup>(4)</sup> Outdoor Sound Pressure <sup>(5)</sup> Dimensions (W x H x D)           Net Weight         Vertice	Pump i) Only Pump		Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA dBA dBA mm Kg.	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 38QHCT12-708 55 56.2 770x550x290 31	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330 50	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 Scroll <sup>-</sup> 63 65.1 945x810x400 65	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speece         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat         Power Supply           Compressor Type         Refrigerant         Outdoor Sound Pressure <sup>(4)</sup> Outdoor Sound Pressure <sup>(5)</sup> Dimensions (W x H x D)         Net Weight           Max Outdoor Air Temperature Operation         Max         Description	Pump i) Only Pump		Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA dBA dBA mm Kg. °C	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 55 56.2 770x550x290 31	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330 50	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 Scroll 63 65.1 945x810x400 65	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speece         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat         Power Supply           Compressor Type         Refrigerant         Outdoor Sound Pressure <sup>(a)</sup> Outdoor Sound Pressure <sup>(b)</sup> Dimensions (W x H x D)         Net Weight           Max Outdoor Air Temperature Operation         Dimension         Dimension	Pump i) Only Pump	Liquid	Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA dBA dBA mm Kg. °C inch	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 38QHCT12-708 55 56.2 770x550x290 31	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330 50	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8"	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 38QHET30-708 63 65.1 945x810x400 65	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69 3/8"
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speece         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat         Power Supply           Compressor Type         Refrigerant         Outdoor Sound Pressure <sup>(a)</sup> Outdoor Sound Pressure <sup>(b)</sup> Dimensions (W x H x D)         Net Weight           Max Outdoor Air Temperature Operation         Pipe Connection Size         Pipe Connection Size	Pump i) Only Pump	Liquid	Model V-Ph-Hz Cfm mm Kg Model V-Ph-Hz dBA dBA dBA mm Kg. °C inch inch	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 38QHCT12-708 55 56.2 770x550x290 31 1/4" 1/2"	42QHCT18-708J ma Green Technolo anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 80HCT18-708 Rotary Tropical 60 62.5 845x700x330 50 1/4" 1/2"	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8"	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 38QHET30-708 63 65.1 945x810x400 65 3/8"	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Fropical 64 66.6 945x810x400 69 3/8" 3/4"
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speece         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Compressor Type           Refrigerant         Outdoor Sound Pressure <sup>(4)</sup> Outdoor Sound Pressure <sup>(5)</sup> Dimensions (W x H x D)           Net Weight         Max Outdoor Air Temperature Operation           Pipe Connection Size         Pipe Connection Size	Pump	Liquid Suction Drain	Model V-Ph-Hz Cfm mm Kg Model V-Ph-Hz dBA dBA dBA dBA mm Kg. °C inch inch	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 38QHCT12-708 55 56.2 770x550x290 31 1/4" 1/2" 5/8"	42QHCT18-708J ma Green Technolo anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330 50 1/4" 1/2" 5/8"	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8"	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 38QHET30-708 63 65.1 945x810x400 65 3/8" 5/8"	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Fropical 64 66.6 945x810x400 69 3/8" 3/4" 5/8"
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speec         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Cool         Outdoor Unit Specifications           Power Supply         Compressor Type         Refrigerant           Outdoor Sound Pressure <sup>(a)</sup> Outdoor Sound Pressure <sup>(a)</sup> Dimensions (W x H x D)           Net Weight         Max Outdoor Air Temperature Operation         Pipe Connection Size	Pump  Only Pump	Liquid Suction Drain Vertical + Horizontal	Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA dBA dBA dBA mm Kg. °C inch inch inch inch	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 38QHCT12-708 55 56.2 770x550x290 31 1/4" 1/2" 5/8" 10	42QHCT18-708J ma Green Technolo anti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 30Q 50 50 1/4" 1/2" 5/8" 25	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8" 5/8" 25	42QHET30-708F Ionizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 38QHET30-708 38QHET30-708 365.1 945x810x400 65 3/8" 5/8" 5/8" 30	42QHET36-708F chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69 3/8" 3/4" 5/8" 30
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Flow Rate (High/ Medium/ Low Speec         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Cooppressor Type           Refrigerant         Outdoor Sound Pressure <sup>(a)</sup> Outdoor Sound Pressure <sup>(a)</sup> Dimensions (W x H x D)           Net Weight         Max Outdoor Air Temperature Operation           Pipe Connection Size         Refrigerant Pipe (Max Length)	Pump	Liquid Suction Drain Vertical + Horizontal Vertical (OU & IU)	Model V-Ph-Hz cfm mm Kg Model Model V-Ph-Hz dBA dBA dBA dBA mm Kg. °C inch inch inch mts mts	42QHCT12-708J Plass Active 0 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 55 56.2 770x550x290 31 1/4" 1/2" 5/8" 10 5	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330 50 1/4" 1/2" 5/8" 25 10	42QHCT24-708J 220/240-1-50 Dgy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8" 25 10	42QHET30-708F	42QHET36-708F Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69 3/8" 3/4" 5/8" 30 15
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Flow Rate (High/ Medium/ Low Speec           Dimensions (W x H x D)         Net Weight           Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Compressor Type           Refrigerant         Outdoor Sound Pressure <sup>(4)</sup> Outdoor Sound Pressure <sup>(5)</sup> Dimensions (W x H x D)           Net Weight         Max Outdoor Air Temperature Operation           Pipe Connection Size         Refrigerant Pipe (Max Length)           Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Cool Or	r Nump	Liquid Suction Drain Vertical + Horizontal Vertical (OU & IU)	Model V-Ph-Hz cfm mm Kg Model W-Ph-Hz dBA dBA dBA dBA dBA mm Kg. °C inch inch inch inch mts mts mts	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 55 56.2 770x550x290 31 1/4" 1/2" 5/8" 10 5 3 mm² / (2 + 1 Earth)	42QHCT18-708J ma Green Technolo nti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330 50 1/4" 1/2" 5/8" 25 10 4 mm² / ( 2 + 1 Earth )	42QHCT24-708J 220/240-1-50 2gy + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8" 5/8" 25 10 4 mm² / ( 2 + 1 Earth )	42QHET30-708F lonizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 <b>38KHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b>	42QHET36-708F Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69 3/8" 3/4" 5/8" 30 15 6 mm² / (2 + 1 Earth )
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Flow Rate (High/ Medium/ Low Speed Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications           Outdoor Unit Specifications         Heat           Power Supply         Cool           Outdoor Unit Specifications         Heat           Power Supply         Compressor Type           Refrigerant         Outdoor Sound Pressure <sup>(a)</sup> Outdoor Sound Pressure <sup>(b)</sup> Dimensions (W x H x D)           Net Weight         Max Outdoor Air Temperature Operation           Pipe Connection Size         Refrigerant Pipe (Max Length)           Recommended Wire Size/No. of Wires fo Power Supply to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires fo from Indoor Unit to Outdoor Unit * ( Cool	i) Only Pump Pump Pump Pump Pump Pump Pump Pump	Liquid Suction Drain Vertical + Horizontal Vertical (OU & IU)	Model V-Ph-Hz cfm mm Kg Model V-Ph-Hz dBA dBA dBA dBA mm Kg. °C inch inch inch inch mts mts mts	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 38QHCT12-708 55 56.2 770x550x290 31 	42QHCT18-708J ma Green Technolo anti-dust Air Filters Carbon Electrostic . 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 38QHCT18-708 Rotary Tropical 60 62.5 845x700x330 50 1/4" 1/2" 5/8" 25 10 4 mm² / ( 2 + 1 Earth ) 1 mm² / ( 3 + 1 Earth )	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8" 5/8" 25 10 4 mm² / ( 2 + 1 Earth ) 1 mm² / ( 3 + 1 Earth )	42QHET30-708F lonizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 <b>38KHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>38QHET30-708</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b>	42QHET36-708F Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69 3/8" 3/4" 5/8" 30 15 6 mm² / (2 + 1 Earth) 1 mm² / (3 + 1 Earth)
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Filter Type         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat         Power Supply           Compressor Type         Refrigerant         Outdoor Sound Pressure <sup>(a)</sup> Outdoor Sound Pressure <sup>(b)</sup> Dimensions (W x H x D)         Net Weight           Max Outdoor Air Temperature Operation         Pipe Connection Size         Refrigerant Pipe (Max Length)           Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for power Supply to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Leat Pi	Pump  i)  Only Pump  r  nly Model )  r  nly Model )  r	Liquid Suction Drain Vertical + Horizontal Vertical (OU & IU)	Model V-Ph-Hz Cfm mm Kg Model Model V-Ph-Hz dBA dBA dBA dBA dBA mm Kg. °C inch inch inch mts mts mts mm² / (qty)	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 31 1/4" 1/2" 5/8" 10 5 3 mm² / (2 + 1 Earth) 3 mm² / (2 + 1 Earth)	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 30Q 50 1/4" 1/2" 5/8" 25 10 1 4 mm²/ (3 + 1 Earth) 4 mm²/ (2 + 1 Earth)	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8" 5/8" 25 10 4 mm²/ (2 + 1 Earth) 4 mm²/ (2 + 1 Earth)	42QHET30-708F lonizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 38QHET30-708 38QHET30-708 5/87 63 65.1 945x810x400 65 3/87 5/87 30 15 6 mm² / (2 + 1 Earth) 6 mm² / (2 + 1 Earth)	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69 3/8" 3/4" 5/8" 30 15 6 mm² / (2 + 1 Earth) 6 mm² / (2 + 1 Earth)
Indoor Unit Specifications         Heat           Power Supply         Air Filter Type           Air Filter Type         Air Filter Type           Air Filter Type         Dimensions (W x H x D)           Net Weight         Outdoor Unit Specifications         Cool           Outdoor Unit Specifications         Heat           Power Supply         Cool         Outdoor Unit Specifications         Heat           Power Supply         Compressor Type         Refrigerant         Outdoor Sound Pressure <sup>(a)</sup> Outdoor Sound Pressure <sup>(b)</sup> Dimensions (W x H x D)         Net Weight           Max Outdoor Air Temperature Operation         Pipe Connection Size           Refrigerant Pipe (Max Length)         Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for from Indoor Unit to Outdoor Unit * ( Cool Or Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommended Wire Size/No. of Wires for Power Supply to Outdoor Unit * ( Heat Pu Recommen	Pump i) Only Pump r r only Model ) r Control Only Model r mp Mode r mp Mode r Control	Liquid Suction Drain Vertical + Horizontal Vertical (OU & IU)	Model V-Ph-Hz cfm mm Kg Model Model V-Ph-Hz dBA dBA dBA dBA mm Kg. °C inch inch inch inch mts mts mts mm² / (qty)	42QHCT12-708J Plass Active ( 315/250/215 812x300x192 9 38KHCT12-708 38QHCT12-708 31 1/4" 1/2" 5/8" 10 5 3 mm²/ (2 + 1 Earth) 1 mm²/ (2 + 1 Earth) 1 mm²/ (2 + 1 Earth) 1 mm²/	42QHCT18-708J ma Green Technolo Anti-dust Air Filters Carbon Electrostic , 450/375/295 973x319x218 12 38KHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 38QHCT18-708 300 60 62.5 845x700x330 50 1/4" 1/2" 5/8" 25 10 4 mm² / ( 2 + 1 Earth ) 1 mm² / ( 2 + 1 Earth )	42QHCT24-708J 220/240-1-50 29y + + Air Filter 660/550/440 1082x338x225 15 38KHCT24-708 38QHCT24-708 220/240-1-50 R22 61 63.2 845x700x330 50 52 3/8" 5/8" 5/8" 5/8" 25 10 4 mm²/ (2 + 1 Earth) 1 mm²/ (2 + 1 Earth) 1 mm²/	42QHET30-708F lonizer Tec Anti-dust / Active Carbon El 796/661/531 1250x350x280 19.5 38KHET30-708 38QHET30-708 38QHET30-708 5/80 63 65.1 945x810x400 65 3/80 5/80 3/80 15 6 mm² / (2 + 1 Earth) 1 mm² / (2 + 1 Earth) 1 mm² /	42QHET36-708F Chnology + Air Filters + ectrostic Air Filter 912/733/619 1450x340x265 27 38KHET36-708 38QHET36-708 Tropical 64 66.6 945x810x400 69 3/8" 3/4" 5/8" 30 15 6 mm² / (2 + 1 Earth) 1 mm² / (2 + 1 Earth) 1 mm² /

1. T1 conditions: Indoor Air Temperatures 27°C (DB) / 19°C (WB) and Outdoor Air Temperatures 35°C (DB) / 24°C (WB)

2. T3 conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB)

3. Heating Conditions : Indoor Air Temperature 20°C (DB) and Outdoor Air Temperatures 7°C (DB) / 6°C (WB)

4. Sound Pressure is measured in anechoic sound testing lab as per ISO 3745 standard

5. Sound Pressure is measured in reverberation sound testing lab as per ISO 3741 standard

\* Recommended wire sizes are for reference & guidance only, all field wires should comply with National and International Electrical Codes

Carrier reserves the right to change features and / or specifications without notice and without incurring any liability

