



QUÜL

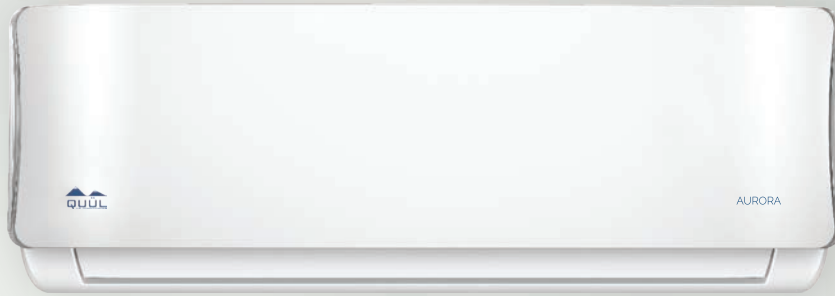
AIR CONDITIONERS



REFRICOOL

DIVISION OF  **STEEL AND PIPES, INC.**
"YOUR STEEL AND INDUSTRIAL SUPERMARKET"

CAGUAS 787-747-9415	HATO REY 787-250-8872	LAS PIEDRAS 787-912-3000	MANATÍ 787-854-6626	RÍO GRANDE 787-657-1188	MAYAGÜEZ 787-834-0560	GUAYAMA 787-864-0240	QUEBRADILLAS 787-291-5000	PONCE 787-651-0100	BAYAMÓN 787-778-5990
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UP TO
21
SEER



9,000 • 12,000 • 18,000 • 23,000 BTU's

FEATURES



SELF CLEANING MODE

2 WAY DRAINAGE SYSTEM

When you turn off the air conditioner, the fan continues to operate for another 10 minutes. This unique feature cleans the internal side of the indoor unit and prevents the breeding of bacteria resulting in fresh air all the time.

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose.



GOLDEN FIN FOR IDU/ODU

WI-FI CONTROL (OPTIONAL)

The Golden condenser can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements.

Turn off or on your Aurora Air Conditioner from any place you are. You can also monitor its temperatures and change modes. Wi-Fi kit works with Amazon Alexa.



TECHNICAL SPECIFICATIONS

Model			12,000 BTU'S (110V) R. Q. AV12NX / R. Q. AV12NX. OUT	9,000 BTU'S (220V) R. Q. A09N / R. Q. A09N. OUT	12,000 BTU'S (220V) R. Q. A12X / R. Q. A12X. OUT
Power supply		Ph-V-Hz	115V,1Ph,60Hz	208/230V,1Ph,60Hz	208-230V,1Ph,60Hz
Cooling	Capacity (range)	Btu/h	11500(3200-12900)	9000(3200-10200)	11500(3200-12900)
	Input	W	991	812	963
	Rated current	A	8.6	3.53	4.2
	EER	Btu/w	11.6	11.1	11.94
	SEER	Btu/w	21	19	21
MINIMUM CIRCUIT AMPACITY		A	19	10	9
MAX. FUSE		A	30	15	15
Compressor	Model		KSK103D33UEZ3(YJ)	ASK89D29UEZD	KSK103D33UEZ3(YJ)
	Type		/	ROTARY	/
	Brand		GMCC	GMCC	GMCC
	Capacity	W	/	2670	/
	Input	W	/	702	/
	Rated current(RLA)	A	14.3	6.2	14.3
	Refrigerant oil/oil charge	ml	/	VG74/170	/
Indoor air flow (Hi/Mi/Lo)		m3/h	595/496/378	410/350/250	550/430/300
Indoor air flow (Hi/Mi/Lo)		CFM	350.00/291.76/222.35	241.18/205.88/147.06	323.53/252.94/176.47
Indoor noise level (Hi/Mi/Lo)		dB(A)	40.5/35/26	38/32/26.5	40/34/25
Indoor unit	Dimension(W*D*H)	mm	802x189x297	722x187x290	802x189x297
	Dimension(W*D*H)	inch	31.57x7.44x11.69	28.43x7.36x11.42	31.57x7.44x11.69
	Packing (W*D*H)	mm	875x285x380	790x270x375	875x285x380
	Packing (W*D*H)	inch	34.45x11.22x14.96	31.10x10.63x14.57	34.45x11.22x14.96
	Net/Gross weight	Kg	8.6/11	7.4/9.8	8.9/11.5
	Net/Gross weight	lbs.	18.96/24.25	16.31/21.61	19.62/25.35
Outdoor air flow		m3/h	1800	2091	1800
Outdoor air flow		CFM	1058.82	1230.00	1058.82
Outdoor noise level		dB(A)	52	51	53
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	770x300x555	720x270x495
	Dimension(W*D*H)	inch	28.35x10.63x19.49	30.31x11.81x21.85	28.35x10.63x19.49
	Packing (W*D*H)	mm	835x300x540	900x345x595	835x300x540
	Packing (W*D*H)	inch	32.87x11.81x21.26	35.43x13.58x23.43	32.87x11.81x21.26
	Net/Gross weight	Kg	23.2/25	24.5/26.9	21.8/23.6
	Net/Gross weight	lbs.	51.15/55.11	54.01/59.30	48.06/52.03
Refrigerant type		oz	R410A/0.65	R410A/0.5	R410A/0.65
Refrigerant precharge		ft	15	20	15
Additional charge for each ft		oz	0.16	0.21	0.16
Design pressure		PSIG	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)
	Max. refrigerant pipe length	m	25	25	25
	Max. refrigerant pipe length	ft	82.02	82.02	82.02
	Max. difference in level	m	10	10	10
	Max. difference in level	ft	32.81	32.81	32.81
Connection wiring			-	-	-
Thermostat type			Remote Control	Remote Control	Remote Control
Application area (Cooling Standard)		m2	15-22	12-18	15-22
Application area (cooling standard)		sq.ft	161.46-236.81	129.17-193.75	161.46-236.81



TECHNICAL SPECIFICATIONS

Model			18,000 BTU'S (220V) R.Q.A18N / R.Q.A18N.OUT	23,000 BTU'S (220V) R.Q.A23N / R.Q.A23N.OUT
Power supply		Ph-V-Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Cooling	Capacity (range)	Btu/h	17000(5000~17700)	22000(4700~23900)
	Input	W	1583	1960
	Rated current	A	6.7	9.0
	EER	Btu/w	10.8	10.9
	SEER	Btu/w	20	19.0
MINIMUM CIRCUIT AMPACITY		A	15	18
MAX. FUSE		A	20	25
Compressor	Model		KSN140D21UFZ	ATN150D30UFZA
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	4385	4500
	Input	W	1140	1160
	Rated current(RLA)	A	9	12.0
	Refrigerant oil/oil charge	ml	VG74 440	VG74/450
Indoor air flow (Hi/Mi/Lo)		m3/h	900/750/600	988/776/562
Indoor air flow (Hi/Mi/Lo)		CFM	529.41/441.18/352.94	581.18/456.47/330.59
Indoor noise level (Hi/Mi/Lo)		dB(A)	42/34.5/30.5	46/40.5/34.0
Indoor unit	Dimension(W*D*H)	mm	965x215x319	1080x226x335
	Dimension(W*D*H)	inch	37.99x8.46x12.56	42.52x8.90x13.19
	Packing (W*D*H)	mm	1045x305x410	1155x415x320
	Packing (W*D*H)	inch	41.14x12.01x15.94	45.47x16.34x12.40
	Net/Gross weight	Kg	11.4/14	14.3/17.9
	Net/Gross weight	lbs.	25.13/30.86	31.53/39.46
Outdoor air flow		m3/h	2030	3100
Outdoor air flow		CFM	1194.12	1823.53
Outdoor noise level		dB(A)	53.5	57.0
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	845x363x702
	Dimension(W*D*H)	inch	30.31x11.81x21.85	33.27x14.29x27.64
	Packing (W*D*H)	mm	900x348x625	965x395x775
	Packing (W*D*H)	inch	35.43x13.70x24.61	37.99x15.55x30.12
	Net/Gross weight	Kg	29.9/32.8	40.2/43.5
	Net/Gross weight	lbs.	65.92/72.31	88.62/95.90
Refrigerant type		oz	R410A/0.9	R410A/40.9
Refrigerant precharge		ft	20	30
Additional charge for each ft		oz	0.21	0.32
Design pressure		PSIG	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	30	30
	Max. refrigerant pipe length	ft	98.42	98.42
	Max. difference in level	m	20	20
	Max. difference in level	ft	65.62	65.62
Connection wiring			16AWG*4 Stranded, unshielded	
Thermostat type			Remote Control	Remote Control
Application area (Cooling Standard)		m2	23-33	29-43
Application area (cooling standard)		sq.ft	247.57-355.21	312.15-462.85



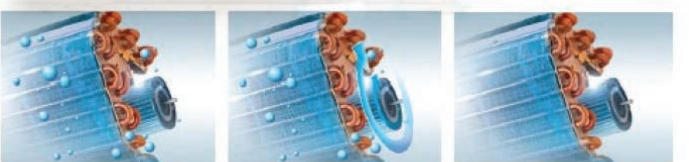


UP TO
22.7
SEER



12,000 • 18,000 • 24,000 • 30,000 • 36,000 BTU's

FEATURES



SELF CLEANING MODE

When you turn off the air conditioner, the fan continues to operate for another 10 minutes. This unique feature cleans the internal side of the indoor unit and prevents the breeding of bacteria resulting in fresh air all the time.



2 WAY DRAINAGE SYSTEM

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose.



SUPER IONIZER

Air purification system that produces millions of negative ions that neutralize bacteria present in your home.



GOLDEN FIN FOR IDU/ODU

The Golden condenser can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements.



WI-FI CONTROL (OPTIONAL)

Turn off or on your Aurora Air Conditioner from any place you are. You can also monitor its temperatures and change modes. Wi-Fi kit works with Amazon Alexa.



TECHNICAL SPECIFICATIONS

Model			12,000 BTU'S (220V) R. Q. OS12 / R. Q. OS12. OUT	18,000 BTU'S (220V) R. Q. OS18 / R. Q. OS18. OUT	24,000 BTU'S (220V) R. Q. OS24 / R. Q. OS24. OUT
Power supply			Ph-V-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Capacity (range)	Btu/h	12000(/~/)	18000(/~/)	23000(/~/)
	Input	W	923	1400	1840
	Rated current	A	4.0	6.0	8.0
	EER	Btu/w	13	12.5	0
	SEER	Btu/w	22.7	21	20.7
MINIMUM CIRCUIT AMPACITY			A	12	15.0
MAX.FUSE			A	15	20
Compressor	Model		ASM98D32UFZ	ASM135D23UFZ	ATF235D22UMT
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	2958	4055	7135
	Input	W	730	1035	1970
	Rated current(RLA)	A	6.8	10	12
	Refrigerant oil/oil charge	ml	VG74/340	VG74/450	VG74/670
Indoor air flow (Hi/Mi/Lo)			m3/h	630/460/330	870/670/470
Indoor air flow (Hi/Mi/Lo)			CFM	370.59/270.59/194.12	511.76/394.12/276.47
Indoor noise level (Hi/Mi/Lo)			dB(A)	43/36/27	44.5/36/29.5
Indoor unit	Dimension(W*D*H)	mm	835x198x280	990x218x315	1186x258x343
	Dimension(W*D*H)	inch	32.87x7.80x11.02	38.98x8.58x12.40	46.69x10.16x13.50
	Packing (W*D*H)	mm	910x270x355	1065x300x400	1265x420x360
	Packing (W*D*H)	inch	35.83x10.63x13.98	41.93x11.81x15.75	49.80x16.54x14.17
	Net/Gross weight	Kg	8.4/11.5	11.4/15.5	17.1/20
	Net/Gross weight	lbs.	18.52/25.35	25.13/34.17	37.70/44.09
Outdoor air flow			m3/h	2000	2500
Outdoor air flow			CFM	1176.47	1470.59
Outdoor noise level			dB(A)	55	58.5
Outdoor unit	Dimension(W*D*H)	mm	800x333x554	845x363x702	946x410x810
	Dimension(W*D*H)	inch	31.50x13.11x21.81	33.27x14.29x27.64	37.24x16.14x31.89
	Packing (W*D*H)	mm	920x390x625	965x395x775	1090x500x885
	Packing (W*D*H)	inch	36.22x15.35x24.61	37.99x15.55x30.12	42.91x19.69x34.45
	Net/Gross weight	Kg	36.5/39.1	47.7/51	64/69
	Net/Gross weight	lbs.	80.47/86.20	105.16/112.43	141.09/152.12
Refrigerant type			oz	R410A/40.6	R410A/68.8
Refrigerant precharge			ft	15	20
Additional charge for each ft			oz	0.16	0.21
Design pressure			PSIG	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	30	50
	Max. refrigerant pipe length	ft	82.02	98.42	164.04
	Max. difference in level	m	10	20	25
	Max. difference in level	ft	32.81	65.62	82.02
Connection wiring					
Thermostat type				Remote Control	Remote Control
Application area (Cooling Standard)			m2	16-23	24-35
Application area (cooling standard)			sq.ft	172.22-247.57	258.33-376.74



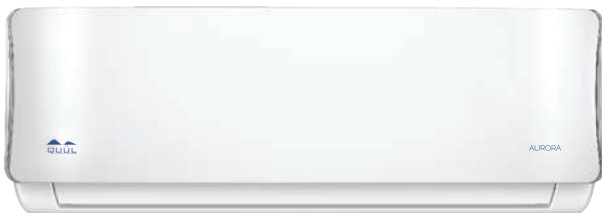
TECHNICAL SPECIFICATIONS

Model			30,000 BTU'S (220V) R. Q. OS30 / R. Q. OS30. OUT	36,000 BTU'S (220V) R. Q. OS36 / R. Q. OS36. OUT
Power supply		Ph-V-Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity (range)	Btu/h	0(/~/)	36000(/~/)
	Input	W	2610	4235
	Rated current	A	11.4	18.4
	EER	Btu/w	0	8.5
	SEER	Btu/w	19.8	18.0
MINIMUM CIRCUIT AMPACITY		A	20	25
MAX. FUSE		A	30	35
Compressor	Model		KTF250D22UMT	KTF250D22UMT
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	8095	8095
	Input	W	2200	2200
	Rated current(RLA)	A	0	0
	Refrigerant oil/oil charge	ml	VG74/670	VG74/670
Indoor air flow (Hi/Mi/Lo)		m3/h	1150/1000/800	1150/1000/800
Indoor air flow (Hi/Mi/Lo)		CFM	676.47/588.24/470.59	676.47/588.24/470.59
Indoor noise level (Hi/Mi/Lo)		dB(A)	49/42/37.5	48.5/44/38
Indoor unit	Dimension(W*D*H)	mm	1186x258x343	1186x258x343
	Dimension(W*D*H)	inch	46.69x10.16x13.50	46.69x10.16x13.50
	Packing (W*D*H)	mm	1265x420x345	1265x420x345
	Packing (W*D*H)	inch	49.80x16.54x13.39	49.80x16.54x13.39
	Net/Gross weight	Kg	15.6/20.6	17.1/22.1
	Net/Gross weight	lbs.	34.39/45.41	37.70/48.72
Outdoor air flow		m3/h	3800	3800
Outdoor air flow		CFM	2235.29	2235.29
Outdoor noise level		dB(A)	59	59
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	946x410x810
	Dimension(W*D*H)	inch	37.24x16.14x31.89	37.24x16.14x31.89
	Packing (W*D*H)	mm	1090x500x885	1090x500x885
	Packing (W*D*H)	inch	42.91x19.69x34.84	42.91x19.69x34.84
	Net/Gross weight	Kg	62/68	65.2/71.5
	Net/Gross weight	lbs.	136.69/149.91	143.74/157.63
Refrigerant type		oz	R410A/82.9	R410A/119.9
Refrigerant precharge		ft	20	20
Additional charge for each ft		oz	0.21	0.21
Design pressure		PSIG	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	50	65
	Max. refrigerant pipe length	ft	164.04	213.25
	Max. difference in level	m	25	30
	Max. difference in level	ft	82.02	98.42
Connection wiring			16AWG*4 Stranded, unshielded	
hermostat type			Remote Control	Remote Control)
Application area (Cooling Standard)		m2	40-59	48-70
Application area (cooling standard)		sq.ft	430.56-635.07	516.67-753.47



QUUL AIR CONDITIONERS **AURORA**

9,000 • 12,000 • 18,000 • 23,000 BTU's



QUUL AIR CONDITIONERS *Oasis*

12,000 • 18,000 • 24,000 • 30,000 • 36,000 BTU's



PTAC WALL PACK UNIT

15,000 BTU'S **AHRI**

220V
60Hz



- Memory
- Compressor Restart Delay
- Automatic Evaporator Freeze Protection
- High Temperature Protection in Heating Operation

CASSETTE UNIT

48,000 BTU'S **INVERTER**

UP TO
16
SEER



- High Efficiency and Energy Saving
- Optimized Piping System
- Low Noise and Starting Current
- Intelligent Refrigerant Adjustment Technology

FLOOR & CEILING UNIT

36,000 • 48,000 • 60,000 BTU'S

UP TO
16
SEER



- High Efficiency and Energy Saving
- Optimized Piping System
- Low Noise and Starting Current
- Intelligent Refrigerant Adjustment Technology

AHRI **INVERTER**

SURGE PROTECTOR



Protect your unit from voltage fluctuations, blackouts and overloads.

1PH Max Surge 24A



**Warranty available only for PTAC, Cassette and Floor/Ceiling units.



QUÜL
AIR CONDITIONERS

REFRICOOL

DIVISION OF  **STEEL AND PIPES, INC.**
YOUR STEEL AND INDUSTRIAL SUPERMARKET

787-747-9415 CAGUAS (MAIN OFFICE)
www.steelandpipes.com

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