

"FOLLOW ME TECH"



SELF CLEANING



LOUVER MEMORY



R410a

IONISER

SILVER ION FILTER

NIGHT LIGHT

LED DISPLAY

14 STEP LOUVER

*Ambion*



QHV SPECIFICATION						
Indoor Model			42QHV09N	42QHV12N	42QHV18N	42QHV24N
Outdoor Model			38QHV09N	38QHV12N	38QHV18N	38QHV24N
Power supply		Ph-V-Hz	1Ph, 230V~50Hz	1Ph, 230V~50Hz	1Ph, 230V~50Hz	1Ph, 230V~50Hz
Cooling	Capacity	kW	2.6	3.5	5.3	7.0
	Input	W	820	1250	1640	2510
	Running current	A	4.0	5.5	7.4	11.5
	EER	W/W	3.21	2.81	3.21	2.81
Heating	Capacity	kW	2.9	3.8	5.5	7.3
	Input	W	860	1050	1540	2280
	Running current	A	4.2	4.8	7.0	10.4
	COP	W/W	3.41	3.61	3.61	3.01
Moisture Removal		L/h	1.0	1.2	1.8	2.6
Max. input consumption		W	1200	1500	2300	3500
Max. current		A	6.0	8.0	11.5	18.0
Starting current		A	21.7	29.9	31.8	45
Indoor air flow (Hi/Mi/Lo)		m3/h	450/390/350	680/580/480	720/630/580	1160/1070/980
Indoor noise level (Hi/Mi/Lo)		dB(A)	35/32/30	40/35/30	40/35/31	46/43/40
Indoor unit	Dimension(W*D*H)	mm	795x165x270	845x165x286	995x194x295	1082x207x320
	Packing (W*D*H)	mm	850x285x340	905x285x355	1100x290x415	1180x425x310
	Net/Gross weight	Kg	10/12.5	10.5/13.5	12.5/16	15/21.5
Outdoor air flow		m3/h	1800	1900	2500	2700
Outdoor noise level		dB(A)	54	55	58	60
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	780x250x540	845x320x700	845x320x700
	Packing (W*D*H)	mm	910x335x585	910x335x585	965x395x755	965x395x755
	Net/Gross weight	Kg	31/34	32.5/35	44/47.5	53/57
Refrigerant type		g	R410A/ 900g	R410A/ 960g	R410A/ 1380g	R410A/ 1800g
Refrigerant piping	Liquid side/ Gas side	mm(inch)	1/4"/ 3/8"	1/4"/ 3/8"	1/4"/ 1/2"	3/8"/ 5/8"
	Max. ref pipe length	m	20	20	25	25
	Max. height difference	m	8	8	10	10
Connection wiring		mm	1.5/ 3 core	1.5/ 3 core	2.5/ 3 core	1.0/ 4 core
Power supply		mm	1.5/ 3 core	1.5/ 3 core	2.5 / 3 core	2.5 / 3 core
Control type			Remote control	Remote control	Remote control	Remote control
Setting temperature		°C	17-30	17-30	17-30	17-30
Operating temp	Indoor(cool/ heat)	°C	17~32 / 0~30	17~32 / 0~30	17~32 / 0~30	17~32 / 0~30
	Outdoor(cool/heat)	°C	18~43 / -7~24	18~43 / -7~24	18~43 / -7~24	18~43 / -7~24
Application area		m2	13-22	18-29	26-44	35-58
Qty'per 20' /40' /40'HQ			112/238/260	105/227/253	64/143/158	68/137/152

Cooling Conditions: 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.  
 Heating Conditions: 7°C (45°F) DB and 6°C (43°F) WB outdoor; 20°C (68°F) DB and 15°C (59°F) WB indoor.

All wiring subject to onsite conditions and must conform to SANS 1014 wiring regulations  
 Safety tested in accordance with SABS IEC 60335-2-40 applicable standard

## QHV HI-WALL

### R410a FIXED SPEED

Photos may vary from the appearance of actual units



QHV Remote



38QHV-12N



38QHV18N

"FOLLOW ME"



2 WAY DRAIN



LOUVER MEMORY



R410a

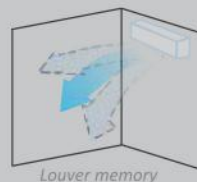
WIRED CONTROL OPTION

CARBON FILTER

REFRIGERANT LEAK DETECTION

TEMPERATURE COMPENSATION

Allegro<sup>3</sup>



Louver memory



Refrigerant leak detector

QTF SPECIFICATION			QTF009713GE	QTF012713GE	QTF018713GE	QTF024713GE	QTF026713GE
Indoor			42QTF009713GE	42QTF012713GE	42QTF018713GE	42QTF024713GE	42QTF026713GE
Outdoor			38QTF009713GE	38QTF012713GE	38QTF018713GE	38QTF024713GE	38QTF026713GE
Power supply		Ph-V-Hz	1Ph, 230V~50Hz	1Ph, 230V~50Hz	1Ph, 230V~50Hz	1Ph, 230V~50Hz	1Ph, 230V~50Hz
Cooling	Capacity	Btu/h	9000	11000	18000	23000	26000
	Input	W	825	1000	1650	2020	2200
	Rated current	A	3.7	4.4	7.5	9.1	9.9
	EER	W/W	3.20	3.22	3.20	3.19	3.20
Heating	Capacity	Btu/h	9500	11000	19000	23000	28000
	Input	W	780	890	1580	1870	2150
	Rated current	A	3.5	4.0	7.3	8.4	9.7
	COP	W/W	3.57	3.62	3.52	3.60	3.54
Moisture Removal		L/h	1.0	1.1	1.8	2.3	2.6
Max. current		A	5.5	7.0	12.0	14.5	15
Starting current		A	21.7	19.2	31.8	36.8	54.5
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
	Rated current(RLA)	A	3.8/3.7	4.5/4.4	7.45/7.3	9.3/9.1	8.8/8.6
	Locked rotor Amp(LRA)	A	21.7	19.2	31.8	36.8	54.5
Indoor air flow (Hi/Mi/Lo)		m3/h	500 / 380 / 280	610 / 510 / 360	848 / 740 / 500	1223 / 1020 / 800	1223 / 1020 / 800
Indoor noise level (Hi/Mi/Lo)		dB(A)	41 / 34 / 30	42 / 37 / 32	46 / 43 / 36	49 / 47 / 40	48 / 46 / 40
Indoor unit	Dimension(W*D*H)	mm	715 x 188 x 250	800 x 188 x 275	940 x 205 x 275	1045 x 235 x 315	1045 x 235 x 315
	Packing (W*D*H)	mm	775 x 260 x 324	865 x 265 x 350	1015 x 265 x 350	1135 x 395 x 315	1135 x 395 x 315
	Net/Gross weight	Kg	6.5 / 8.5	8 / 10	10 / 12.5	12 / 15	12 / 15
Outdoor air flow		m3/h	1650	1900	2300	2700	3500
Outdoor noise level		dB(A)	56	55	58	60	63
Outdoor unit	Dimension(W*D*H)	mm	700x240x540	780x250x540	760x285x590	845x320x700	900x315x860
	Packing (W*D*H)	mm	815x325x580	910x335x585	887x355x645	965x395x755	1043x395x915
	Net/Gross weight	Kg	25 / 27	26 / 28	39 / 41	45/49	61 / 65
Refrigerant type		g	R410A / 590	R410A / 770	R410A / 1150	R410A / 1340	R410A / 2050
Ref piping	Liquid side/ Gas side	inch	1/4" & 3/8"	1/4" & 1/2"	1/4" & 1/2"	1/4" & 5/8"	3/8" & 5/8"
	Max. length	m	20	20	25	25	25
	Max. Height difference	m	8	8	10	10	10
Connection wiring		mm2/core	1.5mm x 5	1.5mm x 5	2.5mm x 5	2.5mm x 3 + 1mm x 4	2.5mm x 3 + 1mm x 4
Supply wiring		mm2/core	1.5mm x 3	1.5mm x 3	2.5mm x 3	2.5mm x 3	2.5mm x 3
Temp range	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24
Application area		m2	13-22	18-29	26-44	32-53	35-58
Qty'per 20' /40' /40'HQ			135 / 282 / 311	112 / 231 / 259	96 / 197 / 231	65 / 139 / 152	51 / 107 / 120

**Cooling Conditions:** 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.  
**Heating Conditions:** 7°C (45°F) DB and 6°C (43°F) WB outdoor; 20°C (68°F) DB and 15°C (59°F) WB indoor.

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## QTF HI-WALL

### R410A FIXED SPEED

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Optional WC



38QTF012



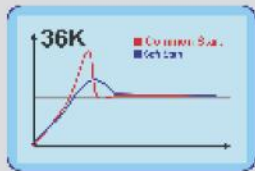
38QTF022

LOW AMBIENT CONTROL



R410a

SOFT START



LOW AMBIENT CONTROL

SOFT START 36K

AUTO RESTART

CARBON FILTER

LED DISPLAY

TEMPERATURE COMPENSATION

Allegro3



Carbon Filter



Auto Restart

MODEL			QHM030N	QHM036M
Indoor model		IDU	42QHM030N	42QHM036N
Outdoor model		ODU	38QHM030N	38QHM036N
Power supply		V-Hz-Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Cooling	Capacity	kW	8.8	10.5
	Input	W	2750	3200
	Current	A	12.9	15.5
	EER	W/W	3.20	3.28
Heating	Capacity	kW	9.1	11.0
	Input	W	2700	3400
	Current	A	12.1	16.5
	COP	W/W	3.37	3.24
Max. input consumption		W	3900	4300
Max. input current		A	20	21
Indoor unit	Dimension (W×D×H)	mm	1186x258x340	1186x258x340
	Packing (W×D×H)	mm	1265x420x340	1265x420x340
	Net/Gross weight	kg	18.5 / 22.5	18.5 / 22.5
Outdoor unit	Dimension(WxDxH)	mm	900x315x860	990x345x965
	Packing(WxDxH)	mm	1043x395x915	1120x435x1100
	Net/Gross weight	kg	67.0 / 70.5	84.5 / 94.5
Indoor noise level (Hi/Med/Lo)		dB(A)	50/46/43	50/46/43
Moisture removal		L/h	2.9	3.1
Outdoor noise level		dB(A)	60	64
Refrigerant type/Quantity	Type		R410A	R410A
	Charged volume	kg	2.45	2.75
Design pressure		MPa	4.2/1.5	4.2/1.5
Power supply cable		mm <sup>2</sup> /core	4.0 / 3 core	4.0 / 3 core
Interconnecting cable		mm <sup>2</sup> /core	1.0 / 4 core	1.0 / 4 core
Recommended MCB (slow curve)		A	30	35
Refrigerant piping	Liquid / Suction	mm	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")
	Max.total pipe length	m	25	30
	Max. height difference	m	10	15
Thermostat type			IR Remote	IR Remote
Operation temperature	Indoor (Cooling/Heating)	°C	18~32 / 0~27	18~32 / 0~27
	Outdoor (Cooling/Heating)	°C	-10~43 / -10~24	-10~43 / -10~24

Cooling Conditions: 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.  
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## QHM LARGE HI-WALL

### R410a FIXED SPEED

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IR Remote

