



MULTI SPLIT

Smart Inverter



Ahead of the Expected

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All 5 Ticks

Compact Size

ThinQ

Plasmaster[™] Ionizer^{PLUS}

WHY MULTI SPLIT

R32 SMART INVERTER

LG’s Multi Split system provides powerful, efficient cooling with 2, 3 or and heating **up to 4 indoor units** operating from a single outdoor unit. LG’s advanced inverter technology offers powerful performance while consuming less energy, less space, less sound & more visibility than that of individual two or more single split systems.

A variety of sleek and elegant indoor units to complement and decor are in a full range of capacities for all room sizes.

Installation is easy and less installation technical defective cause, and it offers various convenient functions for easy maintenance.



- Climate friendly 
- Super energy efficiency **All 5 Ticks**
- Perfect HDB fit, **Compact Size**
- Smarter life with **ThinQ**
- Enhanced air quality with **Plasmaster** Ionizer^{PLUS}

Line-up

Outdoor unit

Capacity	up to 18kBtu/h	up to 26kBtu/h	up to 28kBtu/h
Outdoor Units			
	Z3UQ18GFA0	Z3UQ26GFA0	Z4UQ28GFA0
Connectable Indoor Units	Up to 3 indoor units	Up to 3 indoor units	Up to 4 indoor units

Indoor unit (Compatible : both R32 and R410A)

kBtu/h		9kBtu/h	12kBtu/h	18kBtu/h	24kBtu/h
Wall Mounted Type	ARTCOOL Mirror 	 AMNC09GDJR0	 AMNC12GDJR0	 AMNC18GDKR0	 AMNC24GDKR0
	ALPHA + 	 AMNQ09GSJC0	 AMNQ12GSJC0	 AMNQ18GSKC0	 AMNQ24GSKC0
Ceiling Cassette	4 way		 AMNQ12GTRA1	 AMNQ18GTQA1	 AMNQ24GTPB0

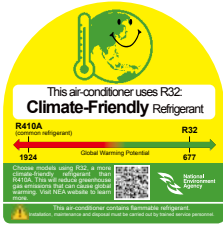
* R32 Only

 Wi-Fi embedded.

Climate friendly

R32 Next-Generation Refrigerant

Small capacity air-conditioners are being mostly moved toward R32 refrigerant applied and R32 refrigerant has many advantages over R410A refrigerant.



R410A		R32
2,088	Lower Global Warming Potential	675
	Less Amount Gas Charge	 USES UP TO 20 %
More Refrigerant per kilowatt of the delivered capacity	More Efficient Performance	Less Refrigerant per kilowatt of the delivered capacity
R32 50 % R125 50 %	More Eco-Friendly Refrigerant	R32 100 %

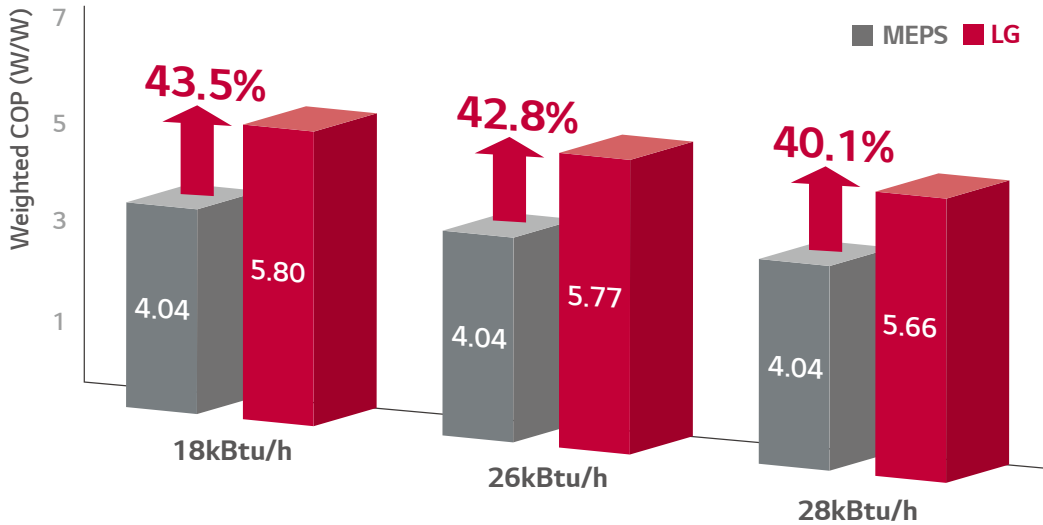
Caution!
* More precaution should be needed to use R32 refrigerant due to slightly higher toxicity level.
* Higher discharge temperature may cause oil degradation in the compressor, which may damage some of the components in it.

Super energy efficiency

All 5 Ticks

The Coefficient of performance (COP) of the products is much higher than the Singapore Energy Efficiency Regulation.

Weighted COP Comparison (LG vs MEPS)



Singapore Energy Guide

	COP	W COP	kBtu/h	18	26	28
5-tick	4.86 < COP	5.50 ≤ W COP	Full load COP	4.91	5.12	5.28
			Weighted COP	5.80	5.77	5.66
			Tick	5	5	5

※ MEPS : Minimum Energy Performance Standard

Z3UQ18GFA0

UP TO 3 INDOOR UNITS

Z3UQ26GFA0

UP TO 3 INDOOR UNITS

Z4UQ28GFA0

UP TO 4 INDOOR UNITS

Super energy efficiency

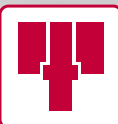
Dual Inverter Compressor

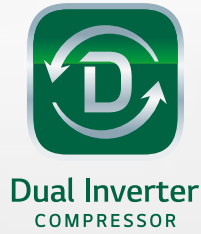
The Dual Inverter Compressor has a structure optimized for stability, so it can be operated with low vibration and low noise.

Perfect HDB fit

Lowest Height and Dimension

It is easiest to install in the HDB structure as the lowest height product in the Singapore market.

-  **Twin Rotor**
Stable Rotation / Low Noise / Low Vibration
-  **Surface Coating**
High Abrasion Resistance
-  **Flow Optimization**
Reduced Oil Discharge / Enhanced Oil Collection
-  **Concentric Motor**
Improved Oil Path Area / Low Calorific Value



New	WxHxD
Z3UQ18GFA0	770 × 545 × 288
Z3UQ26GFA0	870 × 650 × 330
Z4UQ28GFA0	870 × 650 × 330

Smarter life

ThinQ

Control your air conditioners using the smart internet devices as Android or iOS based smartphones.



AC Control from Anywhere

*Wi-Fi is installed.

- On/Off
- Mode Selection
- Current temperature
- Set temperature
- Reservation
- Filter Management
- Smart Diagnosis
- Vane Control

Mobile Remote Control

Remote control by using mobile phone

Enhanced air quality

Plasmaster™ Ionizer^{PLUS}

Sterilizes Up to 99.9% Bacteria & Deodorizes

Homes often contain countless harmful microscopic airborne particles that can adversely affect your health.

Sterilize Bacteria (E.coli colon bacillus) over 99.9% in 30 min.

Time (min)	Survival Rate Virus Bacteria (%)
0	100
15	~80
30	~0.1 (99.9% Sanitization)
45	~0
60	~0

Test Conditions

- Space : 52m³ Chamber
- Temperature & Humidity : Normal
- Bacteria : Staphylococcus Aureus

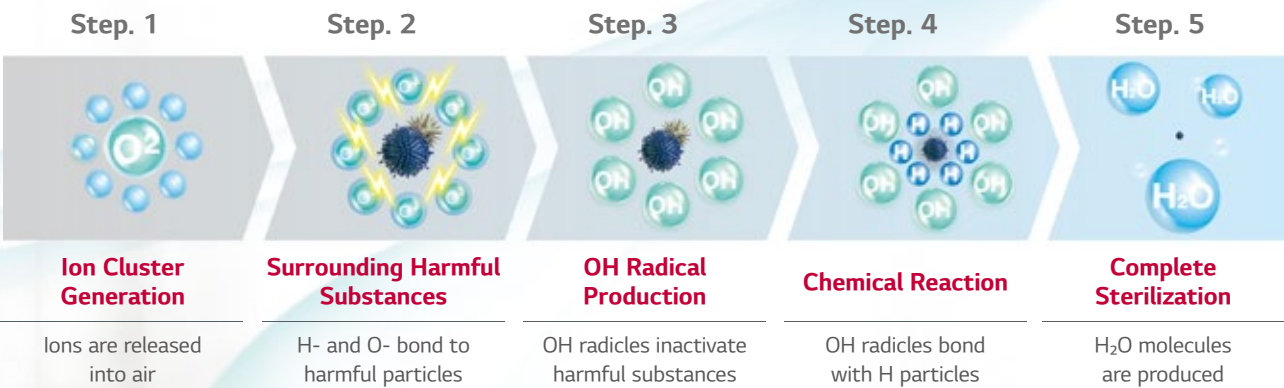
※ Only ARTCOOL Mirror has this function.

Enhanced air quality

Plasmaster™ Ionizer+PLUS

Sterilization and Deodorization (Utilizes Over 3 Million Ions)

Plasmaster Ionizer+ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 3 millions ions.



※ Only ARTCOOL Mirror has this function.

Specification

OUTDOOR UNIT

Z3UQ18GFA0 / Z3UQ26GFA0 / Z4UQ28GFA0



Category		Unit	Z3UQ18GFA0	Z3UQ26GFA0	Z4UQ28GFA0
Major	Minor				
Classification	Chassis	-	U18A	U24A	U24A
Power Supply	#1	-	220-240, 1, 50/60	220-240, 1, 50/60	220-240, 1, 50/60
	Limit Range of Voltage (#1)	V	198 ~ 264	198 ~ 264	198 ~ 264
Testing Combination	-	Model x No.	AMNC09GDJR0 x 3	AMNC09GDJR0 x 3	AMNC09GDJR0 x 4
Cooling Capacity	Rated	kW	5.20	6.40	7.50
		Btu/h	17,740	21,850	25,600
	Min ~ Max	kW	1.58 ~ 7.06	1.58 ~ 8.70	1.58 ~ 10.20
		Btu/h	5,400 ~ 24,100	5,400 ~ 29,700	5,400 ~ 34,800
Power Input (Cooling)	Rated	kW	1.06	1.25	1.42
	Min ~ Max	kW	0.41 ~ 2.16	0.38 ~ 2.43	0.38 ~ 3.08
Operation Range (Outdoor Temperature)	Min ~ Max	℃(F)DB	-5 (23.0) ~ 48 (118.4)	-5 (23.0) ~ 48 (118.4)	-5 (23.0) ~ 48 (118.4)
Efficiency	EER	W/W	4.91	5.12	5.28
	WCOP	W/W	5.80	5.77	5.66
	Energy Label (Cooling)	-	5-tick	5-tick	5-tick
Running Current (Cooling)	Rated	A	4.9	5.6	6.4
	Min/Max	A	1.90 / 10.00	1.70 / 11.00	1.70 / 13.90
Running Current	Maximum Running Current	A	10.00	11.00	13.90
	Type	-	Propeller	Propeller	Propeller
Outdoor Fan	Air Flow Rate	m³/min x No.	43.3×1	50×1	50×1
	Type	-	BLDC	BLDC	BLDC
Outdoor Fan Motor	Output	W x No.	43 x 1	85.4 x 1	85.4 x 1
	Type	-	Twin Rotary	Twin Rotary	Twin Rotary
Compressor	Model x No.	-	DAT156MAD x 1	DKT208MAB x 1	DKT208MAB x 1
	Motor Type	-	BLDC	BLDC	BLDC
	Motor Output	W x No.	1,500 (at 60Hz) x 1	1,500 (at 60Hz) x 1	DKT208MAB x 1
	Oil Type	-	FW68D	FW68D	FW68D
	Oil Charging amount	cc x No.	400 x 1	670 x 1	670 x 1
Heat Exchanger	Rows x Columns x FPI No.	-	2 x 24 x 18	2 x 28 x 18	2 x 28 x 18
	Fin Type	-	Louver	Louver	Louver
	Material (Tube/Fin)	-	Cu / Al	Cu / Al	Cu / Al
	Face Area	m²	0.41	0.51	0.51
Dimensions	Net (W x H x D)	mm	770 x 545 x 288	870 x 650 x 330	870 x 650 x 330
	Shipping (W x H x D)	mm	920 x 588 x 388	1,046 x 713 x 461	1,046 x 713 x 461
Weight	Net	kg	34.7	44.2	44.6
	Shipping	kg	37.6	48.2	48.6
Exterior	Color	-	Warm gray	Warm gray	Warm gray
	RAL (Classic)	-	RAL 7044	RAL 7044	RAL 7044
Protection Device	Frost Prevention	-	Thermistor	Thermistor	Thermistor
	Discharge Temperature Control	-	Thermistor	Thermistor	Thermistor
	Inverter Protection	-	-	Pressure Sensor	Pressure Sensor
Refrigerant	Type	-	R32	R32	R32
	Precharged Amount	kg	1.100	1.300	1.400
	Additional Charging amount (Branch)	g/m	20	20	20
	GWP (Global Warming Potential)	-	675	675	675
	t-CO₂ eq.	-	0.743	0.878	0.945
	Chargeless-Pipe Length (Main)	m	30	30	40
	Control Type	-	EEV	EEV	EEV
Pipe Connecting Socket	Liquid	mm(inch) x No.	Ø6.35 (1/4) × 3	Ø6.35 (1/4) × 3	Ø6.35 (1/4) × 4
	Gas	mm(inch) x No.	Ø9.52 (3/8) × 3	Ø9.52 (3/8) × 3	Ø9.52 (3/8) × 4
	Connection Type (Liquid)	-	Flare	Flare	Flare
Piping Length	Connection Type (Gas)	-	Flare	Flare	Flare
	Total Piping (Max)	m	50	60	70
	Each Branch (Rated / Max / Min)	m	7.5 / 25 / -	7.5 / 25 / -	7.5 / 25 / -
Maximum Height Difference	IDU - ODU (Max)	m	15	15	15
	IDU - IDU (Max)	m	7.5	7.5	7.5
Sound Pressure Level (Outdoor Unit)	Cooling / Heating (@ 1.5m height)	dB(A)	47.0 / -	49.0 / -	49.0 / -
	Measurement Standard	-	ISO 3745	ISO 3745	ISO 3745
Connecting Cable	Power Supply Cable (H07RN-F) (to ODU)	mm² x cores	2.5 x 3C	2.5 x 3C	2.5 x 3C
	Minimum Circuit Amperes (MCA)	A	11.9	11.6	11.6
	Maximum Fuse Amperes (MFA)	A	15	20	20
	Comp_Rated Load Amperes (Max)	A	9.0	12.0	12.0
Electrical Characteristic	Outdoor Fan Motor_Full Load Amperes	A	0.25	0.33	0.33
	Number of Indoor Units	EA	3	3	4
Combination Limit	Allowable Total Indoor Unit Connected Capacity	kBtu/h	9 ~ 36	9 ~ 42	9 ~ 51
	Allowable Max. Capacity for individual In door unit	kBtu/h	18	24	24

Specification

INDOOR UNIT
ARTCOOL MIRROR



AMNC09GDJR0 / AMNC12GDJR0 /
AMNC18GDKR0 / AMNC24GDKR0

Category		Unit	AMNC09GDJR0	AMNC12GDJR0	AMNC18GDKR0	AMNC24GDKR0
Major	Minor					
Classification	Chassis	-	SJ(Artcool)	SJ(Artcool)	SK(Artcool)	SK(Artcool)
Cooling Capacity	Rated	kW	2.6	3.5	5.3	7.0
		Btu/h	9,000	12,000	18,000	24,000
Power Supply	#1	-	220-230-240, 1, 50/60	220-230-240, 1, 50/60	220-230-240, 1, 50/60	220-230-240, 1, 50/60
	Limit Range of Voltage (#1)	V	198~264	198~264	198~264	198 ~ 264
Power Input (Indoor)	H/M/L	W	30 / 18 / 9	30 / 19 / 9	60 / 39 / 26	60 / 45 / 27
Running Current	Maximum Running Current	A	0.2	0.2	0.4	0.4
Running Current (Indoor)	H/M/L	A	0.20 / 0.16 / 0.12	0.20 / 0.17 / 0.12	0.40 / 0.28 / 0.22	0.40 / 0.33 / 0.24
Indoor Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Air Flow Rate (Cooling,(SH)/H/M/L)	m³/min	- / 7.7 / 6.4 / 5.0	- / 8.1 / 6.7 / 5.3	- / 14.2 / 11.3 / 9.9	- / 15.2 / 12.7 / 10.2
Indoor Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC
	Drive	-	Internal	Internal	Internal	Internal
	Output	W	30	30	60	60
		No.	1	1	1	1
Heat Exchanger	Rows x Columns x FPI	-	2 x 23 x 22		(2×16×20)×1 + (1×8×22)×1	
	No.	-	1	1	-	-
	Face Area	m²	0.20	0.20	0.28	0.28
Dimensions	Net (W x H x D)	mm	837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
	Shipping (W x H x D)	mm	909 x 383 x 256	909 x 383 x 256	1,063 x 420 x 274	1,063 x 420 x 274
Weight	Net	kg	9.2	9.2	12.1	12.7
	Shipping	kg	11.4	11.4	15.9	16.5
Exterior	Color	-	Munsell 7.5PB 0.2/20	Munsell 7.5PB 0.2/20	Munsell 7.5PB 0.2/20	Munsell 7.5PB 0.2/20
	RAL (Classic)	-	RAL 9005	RAL 9005	RAL 9005	RAL 9005
Protection Device	Fuse	-	0	0	0	0
	Overload Protector for Fan Motor	-	0	0	0	0
Refrigerant	Type	-	R410A / R32	R410A / R32	R410A / R32	R410A / R32
	Control Type	-	-	-	-	-
Drain Pipe (Natural Drainage)	O.D / I.D	mm(inch)	Ø21.5 (27/32) / 16 (5/8)	Ø21.5 (27/32) / 16 (5/8)	Ø21.5 (27/32) / 16 (5/8)	Ø21.5 (27/32) / 16 (5/8)
Piping Connection	Liquid	mm(inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas	mm(inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
Pipe Connecting Socket	Liquid (Indoor Unit)	mm(inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas (Indoor Unit)	mm(inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Connection Type (Liquid)	-	Flare	Flare	Flare	Flare
	Connection Type (Gas)	-	Flare	Flare	Flare	Flare
Sound Pressure Level (Indoor Unit)	Cooling ((SH)/H/M/L)	dB(A)	- / 36.0 / 32.0 / 27.0	- / 38.0 / 34.0 / 29.0	- / 44.0 / 38.0 / 34.0	- / 46.0 / 41.0 / 36.0
Measurement Standard (Pressure Leve l)			ISO 3745	ISO 3745	ISO 3745	ISO 3745
Connecting Cable	Power and Communication cable (H07RN-F)	mm² × cores	0.75 x 4C	0.75 x 4C	0.75 x 4C	0.75 x 4C
Power Supply Type to Indoor	-	-	Supplied from ODU	Supplied from ODU	Supplied from ODU	Supplied from ODU
Electrical Characteristic	Indoor Fan Motor_Full Load Amperes (FLA)	A	0.2	0.2	0.4	0.4

Specification

INDOOR UNIT
ALPHA +



AMNQ09GSJC0 / AMNQ12GSJC0 /
AMNQ18GSKC0 / AMNQ24GSKC0

Category		Unit	AMNQ09GSJC0	AMNQ12GSJC0	AMNQ18GSKC0	AMNQ24GSKC0
Major	Minor					
Classification	Chassis	-	SJ(Specialized)	SJ(Specialized)	SK(Specialized)	SK(Specialized)
Cooling Capacity	Rated	kW	2.6	3.5	5.3	7.0
		Btu/h	9,000	12,000	18,000	24,000
Power Supply	#1	-	220-230-240, 1, 50/60	220-230-240, 1, 50/60	220-230-240, 1, 50/60	220-230-240, 1, 50/60
	Limit Range of Voltage (#1)	V	198 ~ 264	198~264	198~264	198~264
Power Input (Indoor)	H/M/L	W	30 / 18 / 11	30 / 19 / 11	60 / 40 / 24	60 / 45 / 27
Running Current	Maximum Running Current	A	0.2	0.2	0.4	0.4
Running Current (Indoor)	H/M/L	A	0.20 / 0.16 / 0.10	0.20 / 0.17 / 0.10	0.40 / 0.28 / 0.20	0.40 / 0.33 / 0.24
Indoor Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Air Flow Rate (Cooling,(SH)/H/M/L)	m³/min	- / 9.2 / 7.4 / 5.6	- / 9.6 / 8.1 / 5.6	- / 15.8 / 12.4 / 10.0	- / 16.9 / 12.8 / 10.4
Indoor Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC
	Drive	-	Internal	Internal	Internal	Internal
	Output	W	30	30	30	60
		No.	1	1	1	1
Heat Exchanger	Rows x Columns x FPI	-	2 x 15 x 21	2 x 15 x 21	2 x 16 x 20	2 x 16 x 20
	No.	-	1	1	1	1
	Face Area	m²	0.19	0.19	0.24	0.24
Dimensions	Net (W x H x D)	mm	818 x 316 x 189	818 x 316 x 189	975 x 354 x 209	975 x 354 x 209
	Shipping (W x H x D)	mm	892 x 381 x 249	892 x 381 x 249	1,063 x 420 x 274	1,063 x 420 x 274
Weight	Net	kg	8.9	8.9	11.4	12.2
	Shipping	kg	10.2	10.2	13.2	13.9
Exterior	Color	-	Munsell 7.5BG 10/2	Munsell 7.5BG 10/2	Munsell 7.5BG 10/2	Munsell 7.5BG 10/2
	RAL (Classic)	-	RAL 9016	RAL 9016	RAL 9016	RAL 9016
Protection Device	Fuse	-	0	0	0	0
	Overload Protector for Fan Motor	-	0	0	0	0
Refrigerant	Type	-	R410A / R32	R410A / R32	R410A / R32	R410A / R32
	Control Type	-	-	-	-	-
Drain Pipe (Natural Drainage)	O.D / I.D	mm(inch)	Ø21.5 (27/32) / 16 (5/8)	Ø21.5 (27/32) / 16 (5/8)	Ø21.5 (27/32) / 16 (5/8)	Ø21.5 (27/32) / 16 (5/8)
Piping Connection	Liquid	mm(inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas	mm(inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
Pipe Connecting Socket	Liquid (Indoor Unit)	mm(inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas (Indoor Unit)	mm(inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Connection Type (Liquid)	-	Flare	Flare	Flare	Flare
	Connection Type (Gas)	-	Flare	Flare	Flare	Flare
Sound Pressure Level (Indoor Unit)	Cooling ((SH)/H/M/L)	dB(A)	- / 36.0 / 33.0 / 27.0	- / 40.0 / 35.0 / 27.0	- / 44.0 / 38.0 / 34.0	- / 46.0 / 41.0 / 36.0
Measurement Standard (Pressure Leve l)			ISO 3745	ISO 3745	ISO 3745	ISO 3745
Connecting Cable	Power and Communication cable (H07RN-F)	mm² × cores	0.75 × 4C	0.75 × 4C	0.75 × 4C	0.75 × 4C
Power Supply Type to Indoor	-	-	Supplied from ODU	Supplied from ODU	Supplied from ODU	Supplied from ODU
Electrical Characteristic	Indoor Fan Motor_Full Load Amperes (FLA)	A	0.2	0.2	0.4	0.4

Specification

INDOOR UNIT
4WAY

AMNQ12GTRA1 / AMNQ18GTQA1 /
AMNQ24GTPB0



Category		Unit	AMNQ12GTRA1	AMNQ18GTQA1	AMNQ24GTPB0
Major	Minor				
Classification	Chassis	-	TR	TQ	TP-B
Cooling Capacity	Rated	kW	3.5	5.3	7.0
		Btu/h	12,000	18,000	24,000
Power Supply	#1	-	220-230-240, 1, 50/60	220-230-240, 1, 50/60	220-230-240, 1, 50/60
	Limit Range of Voltage (#1)	V	198 ~ 264	198 ~ 264	198 ~ 264
Power Input (Indoor)	H/M/L	W	28 / 24 / 20	30 / 26 / 22	36 / 26 / 21
Running Current	Maximum Running Current	A	0.4	0.4	0.6
Running Current (Indoor)	H/M/L	A	0.32 / 0.30 / 0.28	0.33 / 0.31 / 0.29	0.50 / 0.46 / 0.44
Indoor Fan	Type	-	Turbo Fan	Turbo Fan	3D Turbo Fan
	Air Flow Rate (Cooling,(SH)/H/M/L)	m³/min	- / 9.5 / 8.0 / 7.0	- / 13.0 / 12.0 / 11.0	- / 17.0 / 15.0 / 13.0
Indoor Fan Motor	Type	-	BLDC	BLDC	BLDC
	Drive	-	Internal	Internal	Internal
	Output	W	43	43	50.25
		No.	1	1	1
Heat Exchanger	Rows x Columns x FPI	-	2 x 8 x 18	2 x 10 x 18	3 x 8 x 21
	No.	-	1	1	1
	Face Area	m²	0.22	0.28	0.33
Dimensions	Net (W x H x D)	mm	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
	Shipping (W x H x D)	mm	667 x 285 x 646	667 x 327 x 646	922 x 276 x 917
Weight	Net	kg	12.4	13.9	21.1
	Shipping	kg	15.6	16.9	26.5
Exterior	Color	-	Steel Gray	Steel Gray	Steel Gray
Protection Device	Fuse	-	0	0	0
	Overload Protector for Fan Motor	-	0	0	0
Refrigerant	Type	-	R410A / R32	R410A / R32	R410A / R32
Drain Pipe (using Drain Pump)	O.D / I.D	mm(inch)	Ø32(1-1/4) / 25(31/32)	Ø32(1-1/4) / 25(31/32)	Ø32(1-1/4) / 25(31/32)
Piping Connection	Liquid	mm(inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas	mm(inch)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
Pipe Connecting Socket	Liquid (Indoor Unit)	mm(inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas (Indoor Unit)	mm(inch)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Connection Type (Liquid)	-	Flare	Flare	Flare
	Connection Type (Gas)	-	Flare	Flare	Flare
Sound Pressure Level (Indoor Unit)	Cooling ((SH)/H/M/L)	dB(A)	- / 38.0 / 35.0 / 32.0	- / 41.0 / 39.0 / 37.0	- / 38.0 / 36.0 / 34.0
Measurement Standard (Pressure Leve l)			ISO 3745	ISO 3745	ISO 3745
Connecting Cable	Power and Communication cable (H07RN-F)	mm² x cores	0.75 x 4C	0.75 x 4C	0.75 x 4C
Power Supply Type to Indoor	-	-	Supplied from ODU	Supplied from ODU	Supplied from ODU
Electrical Characteristic	Indoor Fan Motor_Full Load Amperes (FLA)	A	0.4	0.4	0.6

Combination Table

Z3UQ18GFA0 Cooling_Combination of Full Load Ampere

No. of Room	Combination (kW)				Capacity of Each Indoor Unit (kW)			Total Capacity (kW)			Total Input (W)			Total Current (A)		
	Unit-A	Unit-B	Unit-C	Total	Unit-A	Unit-B	Unit-C	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1	2.6	-	-	2.6	2.6	-	-	1.58	2.64	3.55	410	680	990	1.9	3.1	4.6
	3.5	-	-	3.5	3.5	-	-	2.11	3.52	4.75	530	890	1,380	2.5	4.1	6.4
	5.3	-	-	5.3	5.2	-	-	3.12	5.20	6.62	770	1,360	1,960	3.6	6.3	9.1
2	2.6	2.6	-	5.3	2.6	2.6	-	3.12	5.20	6.76	650	1,130	2,160	3.0	5.2	10.0
	2.6	3.5	-	6.2	2.2	3.0	-	3.12	5.20	6.76	650	1,130	2,160	3.0	5.2	10.0
	3.5	3.5	-	7.0	2.6	2.6	-	3.12	5.20	6.76	650	1,130	2,160	3.0	5.2	10.0
	2.6	5.3	-	7.9	1.7	3.5	-	3.12	5.20	6.76	650	1,130	2,160	3.0	5.2	10.0
3	3.5	5.3	-	8.8	2.1	3.1	-	3.12	5.20	6.76	650	1,130	2,160	3.0	5.2	10.0
	2.6	2.6	2.6	7.9	1.7	1.7	1.7	3.12	5.20	7.06	590	1,060	2,040	2.7	4.9	9.4
	2.6	2.6	3.5	8.8	1.6	1.6	2.1	3.12	5.20	7.06	590	1,060	2,040	2.7	4.9	9.4
	2.6	3.5	3.5	9.7	1.4	1.9	1.9	3.12	5.20	7.06	590	1,060	2,040	2.7	4.9	9.4
	3.5	3.5	3.5	10.6	1.7	1.7	1.7	3.12	5.20	7.06	590	1,060	2,040	2.7	4.9	9.4

Z3UQ18GFA0 Cooling_Combination of 8.5 Ampere Limited

No. of Room	Combination (kW)				Capacity of Each Indoor Unit (kW)			Total Capacity (kW)			Total Input (W)			Total Current (A)		
	Unit-A	Unit-B	Unit-C	Total	Unit-A	Unit-B	Unit-C	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1	2.6	-	-	2.6	2.6	-	-	1.58	2.64	3.55	410	690	990	1.9	3.2	4.6
	3.5	-	-	3.5	3.5	-	-	2.11	3.52	4.75	530	890	1,380	2.5	4.1	6.4
	5.3	-	-	5.3	5.2	-	-	3.12	5.20	5.67	770	1,360	1,830	3.6	6.3	8.5
2	2.6	2.6	-	5.3	2.6	2.6	-	3.12	5.20	5.78	650	1,130	1,830	3.0	5.2	8.5
	2.6	3.5	-	6.2	2.2	3.0	-	3.12	5.20	5.78	650	1,130	1,830	3.0	5.2	8.5
	3.5	3.5	-	7.0	2.6	2.6	-	3.12	5.20	5.78	650	1,130	1,830	3.0	5.2	8.5
	2.6	5.3	-	7.9	1.7	3.5	-	3.12	5.20	5.78	650	1,130	1,830	3.0	5.2	8.5
3	3.5	5.3	-	8.8	2.1	3.1	-	3.12	5.20	5.78	650	1,130	1,830	3.0	5.2	8.5
	2.6	2.6	2.6	7.9	1.7	1.7	1.7	3.12	5.20	6.18	590	1,060	1,830	2.7	4.9	8.5
	2.6	2.6	3.5	8.8	1.6	1.6	2.1	3.12	5.20	6.18	590	1,060	1,830	2.7	4.9	8.5
	2.6	3.5	3.5	9.7	1.4	1.9	1.9	3.12	5.20	6.18	590	1,060	1,830	2.7	4.9	8.5
	3.5	3.5	3.5	10.6	1.7	1.7	1.7	3.12	5.20	6.18	590	1,060	1,830	2.7	4.9	8.5

Note

Capacities are based on the following conditions :

- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.

At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.

Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.

Combination Table

Z3UQ26GFA0 Cooling_Combination of Full Load Ampere

No. of Room	Combination (kW)				Capacity of Each Indoor Unit (kW)			Total Capacity (kW)			Total Input (W)			Total Current (A)		
	Unit-A	Unit-B	Unit-C	Total	Unit-A	Unit-B	Unit-C	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1	2.6	-	-	2.6	2.6	-	-	1.58	2.64	3.55	380	580	940	1.7	2.6	4.3
	3.5	-	-	3.5	3.5	-	-	2.11	3.52	4.75	480	820	1,320	2.2	3.7	6.0
	5.3	-	-	5.3	5.3	-	-	3.17	5.28	6.62	720	1,300	1,850	3.3	5.9	8.4
	7.0	-	-	7.0	6.4	-	-	3.84	6.40	7.30	870	1,540	2,390	3.9	7.0	10.8
	2.6	2.6	-	5.3	2.6	2.6	-	3.17	5.28	6.86	650	1,180	1,660	2.9	5.3	7.5
2	2.6	3.5	-	6.2	2.6	3.5	-	3.69	6.15	7.39	780	1,420	2,300	3.5	6.4	10.4
	3.5	3.5	-	7.0	3.2	3.2	-	3.84	6.40	7.94	800	1,460	2,430	3.6	6.6	11.0
	2.6	5.3	-	7.9	2.1	4.3	-	3.84	6.40	7.94	800	1,460	2,430	3.6	6.6	11.0
	3.5	5.3	-	8.8	2.6	3.8	-	3.84	6.40	7.94	800	1,460	2,430	3.6	6.6	11.0
	2.6	7.0	-	9.7	1.7	4.7	-	3.84	6.40	7.94	800	1,460	2,430	3.6	6.6	11.0
	5.3	5.3	-	10.6	3.2	3.2	-	3.84	6.40	7.94	800	1,460	2,430	3.6	6.6	11.0
	3.5	7.0	-	10.6	2.1	4.3	-	3.84	6.40	7.94	800	1,460	2,430	3.6	6.6	11.0
	5.3	7.0	-	12.3	2.7	3.7	-	3.84	6.40	7.94	800	1,460	2,430	3.6	6.6	11.0
	2.6	2.6	2.6	7.9	2.1	2.1	2.1	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	2.6	2.6	3.5	8.8	1.9	1.9	2.6	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
3	2.6	3.5	3.5	9.7	1.7	2.3	2.3	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	2.6	2.6	5.3	10.6	1.6	1.6	3.2	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	3.5	3.5	3.5	10.6	2.1	2.1	2.1	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	2.6	3.5	5.3	11.4	1.5	2.0	3.0	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	2.6	2.6	7.0	12.3	1.4	1.4	3.7	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	3.5	3.5	5.3	12.3	1.8	1.8	2.7	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	2.6	2.6	2.6	7.9	2.1	2.1	2.1	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8
	2.6	2.6	3.5	8.8	1.9	1.9	2.6	3.84	6.40	8.70	690	1,250	2,390	3.1	5.6	10.8

Z3UQ26GFA0 Cooling_Combination of 8.5 Ampere Limited

No. of Room	Combination (kW)				Capacity of Each Indoor Unit (kW)			Total Capacity (kW)			Total Input (W)			Total Current (A)		
	Unit-A	Unit-B	Unit-C	Total	Unit-A	Unit-B	Unit-C	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1	2.6	-	-	2.6	2.6	-	-	1.58	2.64	3.55	380	580	940	1.7	2.6	4.3
	3.5	-	-	3.5	3.5	-	-	2.11	3.52	4.75	480	820	1,320	2.2	3.7	6.0
	5.3	-	-	5.3	5.3	-	-	3.17	5.28	6.62	720	1,300	1,850	3.3	5.9	8.4
	7.0	-	-	7.0	6.4	-	-	3.84	6.40	6.98	870	1,540	1,870	3.9	7.0	8.5
2	2.6	2.6	-	5.3	2.6	2.6	-	3.17	5.28	6.86	650	1,180	1,660	2.9	5.3	7.5
	2.6	3.5	-	6.2	2.6	3.5	-	3.69	6.15	7.03	780	1,420	1,870	3.5	6.4	8.5
	3.5	3.5	-	7.0	3.2	3.2	-	3.84	6.40	7.03	800	1,460	1,870	3.6	6.6	8.5
	2.6	5.3	-	7.9	2.1	4.3	-	3.84	6.40	7.03	800	1,460	1,870	3.6	6.6	8.5
	3.5	5.3	-	8.8	2.6	3.8	-	3.84	6.40	7.03	800	1,460	1,870	3.6	6.6	8.5
	2.6	7.0	-	9.7	1.7	4.7	-	3.84	6.40	7.03	800	1,460	1,870	3.6	6.6	8.5
	5.3	5.3	-	10.6	3.2	3.2	-	3.84	6.40	7.03	800	1,460	1,870	3.6	6.6	8.5
	3.5	7.0	-	10.6	2.1	4.3	-	3.84	6.40	7.03	800	1,460	1,870	3.6	6.6	8.5
	5.3	7.0	-	12.3	2.7	3.7	-	3.84	6.40	7.03	800	1,460	1,870	3.6	6.6	8.5
3	2.6	2.6	2.6	7.9	2.1	2.1	2.1	3.84	6.40	7.85	690	1,250	1,870	3.1	5.6	8.5
	2.6	2.6	3.5	8.8	1.9	1.9	2.6	3.84	6.40	7.85	690	1,250	1,870	3.1	5.6	8.5
	2.6	3.5	3.5	9.7	1.7	2.3	2.3	3.84	6.40	7.85	690	1,250	1,870	3.1	5.6	8.5
	2.6	2.6	5.3	10.6	1.6	1.6	3.2	3.84	6.40	7.85	690	1,250	1,870	3.1	5.6	8.5
	3.5	3.5	3.5	10.6	2.1	2.1	2.1	3.84	6.40	7.85	690	1,250	1,870	3.1	5.6	8.5
	2.6	3.5	5.3	11.4	1.5	2.0	3.0	3.84	6.40	7.85	690	1,250	1,870	3.1	5.6	8.5
	2.6	2.6	7.0	12.3	1.4	1.4	3.7	3.84	6.40	7.85	690	1,250	1,870	3.1	5.6	8.5

Note

Capacities are based on the following conditions :

- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.

At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.

Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.

Combination Table

Z4UQ28GFA0 Cooling_Combination of Full Load Ampere

No. of Room	Combination (kW)					Capacity of Each Indoor Unit (kW)				Total Capacity (kW)			Total Input (W)			Total Current (A)		
	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A	Unit-B	Unit-C	Unit-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1	2.6	-	-	-	2.6	2.6	-	-	-	1.58	2.64	3.55	380	580	940	1.7	2.6	4.3
	3.5	-	-	-	3.5	3.5	-	-	-	2.11	3.52	4.75	480	820	1,320	2.2	3.7	6.0
	5.3	-	-	-	5.3	5.3	-	-	-	3.17	5.28	6.62	720	1,300	1,790	3.3	5.9	8.1
	7.0	-	-	-	7.0	7.0	-	-	-	4.22	7.03	8.06	1,110	1,940	2,720	5.0	8.8	12.3
2	2.6	2.6	-	-	5.3	2.6	2.6	-	-	3.17	5.28	6.86	660	1,180	1,660	3.0	5.3	7.5
	2.6	3.5	-	-	6.2	2.6	3.5	-	-	3.69	6.15	7.39	920	1,420	2,300	4.2	6.4	10.4
	3.5	3.5	-	-	7.0	3.5	3.5	-	-	4.22	7.03	8.44	1,060	1,870	2,630	4.8	8.5	11.9
	2.6	5.3	-	-	7.9	2.5	5.0	-	-	4.51	7.50	9.22	1,090	2,030	2,870	4.9	9.2	13.0
	3.5	5.3	-	-	8.8	3.0	4.5	-	-	4.51	7.50	9.22	1,090	2,030	2,870	4.9	9.2	13.0
	2.6	7.0	-	-	9.7	2.0	5.5	-	-	4.51	7.50	9.22	1,090	2,030	2,870	4.9	9.2	13.0
	3.5	7.0	-	-	10.6	2.5	5.0	-	-	4.51	7.50	9.22	1,090	2,030	2,870	4.9	9.2	13.0
	5.3	5.3	-	-	10.6	3.8	3.8	-	-	4.51	7.50	9.22	1,090	2,030	2,870	4.9	9.2	13.0
	5.3	7.0	-	-	12.3	3.2	4.3	-	-	4.51	7.50	9.22	1,090	2,030	2,870	4.9	9.2	13.0
	7.0	7.0	-	-	14.1	3.8	3.8	-	-	4.51	7.50	9.22	1,090	2,030	2,870	4.9	9.2	13.0
3	2.6	2.6	2.6	-	7.9	2.5	2.5	2.5	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	2.6	3.5	-	8.8	2.3	2.3	3.0	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	3.5	3.5	-	9.7	2.0	2.7	2.7	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	2.6	5.3	-	10.6	1.9	1.9	3.8	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	3.5	3.5	3.5	-	10.6	2.5	2.5	2.5	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	3.5	5.3	-	11.4	1.7	2.3	3.5	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	2.6	7.0	-	12.3	1.6	1.6	4.3	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	3.5	3.5	5.3	-	12.3	2.1	2.1	3.2	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	3.5	7.0	-	13.2	1.5	2.0	4.0	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	5.3	5.3	-	13.2	1.5	3.0	3.0	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	3.5	3.5	7.0	-	14.1	1.9	1.9	3.8	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	3.5	5.3	5.3	-	14.1	1.9	2.8	2.8	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
	2.6	5.3	7.0	-	14.9	1.3	2.6	3.5	-	4.51	7.50	9.64	960	1,760	2,960	4.3	8.0	13.4
4	2.6	2.6	2.6	2.6	10.6	1.9	1.9	1.9	1.9	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	2.6	2.6	2.6	3.5	11.4	1.7	1.7	1.7	2.3	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	2.6	2.6	3.5	3.5	12.3	1.6	1.6	2.1	2.1	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	2.6	2.6	2.6	5.3	13.2	1.5	1.5	1.5	3.0	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	2.6	3.5	3.5	3.5	13.2	1.5	2.0	2.0	2.0	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	2.6	2.6	3.5	5.3	14.1	1.4	1.4	1.9	2.8	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	3.5	3.5	3.5	3.5	14.1	1.9	1.9	1.9	1.9	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	2.6	2.6	2.6	7.0	14.9	1.3	1.3	1.3	3.5	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9
	2.6	3.5	3.5	5.3	14.9	1.3	1.8	1.8	2.6	4.51	7.50	10.20	780	1,420	3,080	3.5	6.4	13.9

