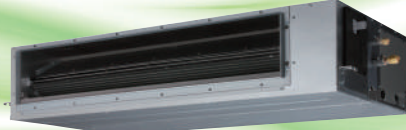


Inverter Duct Model



ARGG18CLTA-UZ / ARGG24CLTA-UZ / ARGG30CLTA-UZ



ARGG36CLTA-UZ / ARGG48CMTA-UZ

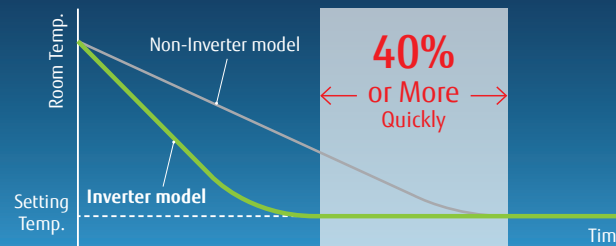


ARGG60CMTA-UZ

Point

Innovative Inverter Technology (Compressor / Fan Motor)

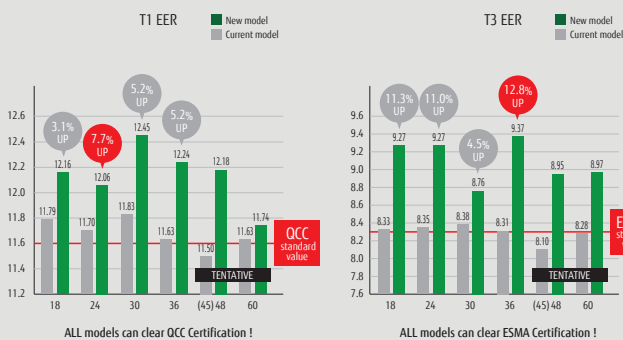
Fast cooling
Inverter models cool at least 40% faster than non-inverter models.



Point

Energy Saving

Support Abu Dhabi quality & conformity council (QCC) EER value (MEPS) has been greatly improved



Point

Desert Climate up to 55°C (with Refrigerant Cool)



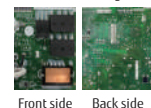
NEW Item
Cooling piping system (30 / 36 / 48 / 60)

"Cooling piping system" is adopted to ensure reliability in high outside air.

PCB and electronic components

High ambient temperature compatible electric components. Added silicon coating on all PCB circuits for anti-corrosion.

PCB coating



Point

Easy Adjustment for Static Pressure

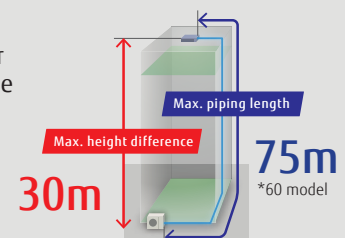
Static Pressure can be adjusted from the remote controller.



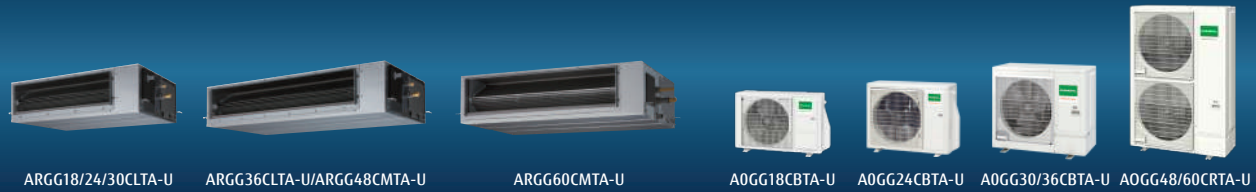
Point

Designed Flexibility

It can be installed in large-size residence or buildings with multiple floors.



Model : ARGG18CLTA-UZ / ARGG24CLTA-UZ / ARGG30CLTA-UZ / ARGG36CLTA-UZ / ARGG48CMTA-UZ / ARGG60CMTA-UZ



Optional parts

Compact Remote Controller:	UTY-RCRGZ1 UTY-RCRGZ1K
Wired Remote Controller : (Touch Panel)	UTY-RNRGZ3
Wired Remote Controller :	UTY-RLRG
Wireless LAN Interface:	UTY-TFSXZ2
External input and output PCB :	UTY-XCSX
External Connect Kit :	UTY-XWZXZG
Long Life Filter:	UTD-LFNB (18-30) UTD-LFNA (36-48) UTD-LFKA (60)

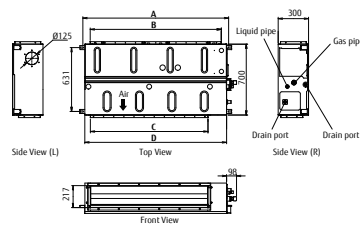
Feature explanation

- Economy mode
- Auto changeover
- Automatic fan speed
- Auto restart
- Filter sign
- Blue fin

Dimensions

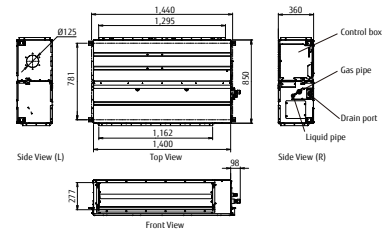
Indoor unit :

ARGG18/24/30/36CLTA-U, ARGG48CMTA-U



Model	18-30	36-48
A	1,040	1,440
B	895	1,295
C	762	1,162
D	1,000	1,400

ARGG60CMTA-U



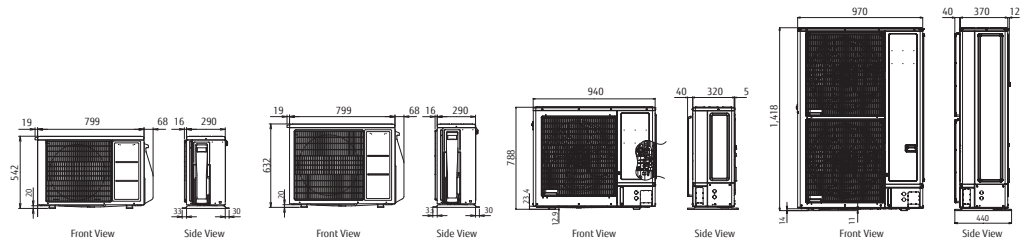
Outdoor unit :

AOGG18CBTA-U

AOGG24CBTA-U

AOGG30/36CBTA-U

AOGG48/60CRTA-U



Specifications

Model No.	set			TENTATIVE						
	Indoor unit			ARGG18CLTA-UZ	ARGG24CLTA-UZ	ARGG30CLTA-UZ	ARGG36CLTA-UZ	ARGG48CMTA-UZ	ARGG60CMTA-UZ	
	Outdoor unit			AOGG18CBTA-U	AOGG24CBTA-U	AOGG30CBTA-U	AOGG36CBTA-U	AOGG48CRTA-U	AOGG60CRTA-U	
Capacity Class				18,000	24,000	30,000	36,000	48,000	60,000	
Power Source	Ø / Hz / V			1 / 50 / 220-240	1 / 50 / 220-240	1 / 50 / 220-240	1 / 50 / 220-240	3 / 50 / 380-415	3 / 50 / 380-415	
T1 condition				at 230V		at 230V		at 400V		
Capacity	Cooling	Rated	kW	5.28	7.03	8.79	10.55	14.06	17.58	
	Cooling	Rated	BTU/h	18,000	24,000	30,000	36,000	48,000	60,000	
Input power	Cooling	Rated	kW	1.48	1.99	2.41	2.94	3.94	5.11	
Current	Cooling	Rated	A	7.0	8.8	10.6	13.0	TBA	TBA	
EER	Cooling	Rated	Btu/hw	12.16	12.06	12.45	12.24	12.18	11.74	
T3 condition				at 230V		at 230V		at 400V		
Capacity	Cooling	Rated	kW	4.48	5.98	7.47	9.20	12.77	14.94	
	Cooling	Rated	BTU/h	15,300	20,400	25,500	31,400	43,600	51,000	
Input power	Cooling	Rated	kW	1.65	2.20	2.91	3.35	4.87	5.68	
Current	Cooling	Rated	A	7.7	9.7	12.8	14.7	TBA	TBA	
EER	Cooling	Rated	Btu/hw	9.27	9.27	8.76	9.37	8.95	8.97	
Moisture Removal			Pints/h	TBA	TBA	TBA	TBA	TBA	TBA	
			Liter/h	1.6	1.4	TBA	TBA	TBA	TBA	
Static pressure range	Range	Min. - Max.	Pa	0 - 50	0 - 50	30 - 80	30 - 80	30 - 120	60 - 180	
	Standard			35	35	47	47	60	60	
Airflow rate (High)			C.F.M	618.03	1000.62	1000.62	1500.93	TBA	TBA	
			m ³ /h	1,050	1,700	1,700	2,550	2,550	3,350	
Net Dimensions H×W×D	Indoor unit	mm	300×1,000×700	300×1,000×700	300×1,000×700	300×1,400×700	300×1,400×700	300×1,400×700	360×1,400×850	
	Outdoor unit	mm	542×799×290	632×799×290	788×940×320	788×940×320	1,418×970×370	1,418×970×370		
Net Weight	Indoor unit	kg(lbs)	35(77)	36(79)	36(79)	46(101)	TBA	TBA	TBA	
	Outdoor unit	kg(lbs)	32(71)	36(79)	52(115)	53(117)	TBA	TBA	TBA	
Refrigerant				R32	R32	R32	R32	R32	R32	
Connection Method				Flare	Flare	Flare	Flare	Flare	Flare	

* Specifications are based on the following conditions:
T1 - Condition : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.
T3 - Condition : Indoor temperature of 29°CDB / 19°CWB, and outdoor temperature of 46°CDB / 24°CWB.

*Specifications and design are subject to change without notice for further improvement.
*Actual products' colors may be different from the colors shown in this printed material.

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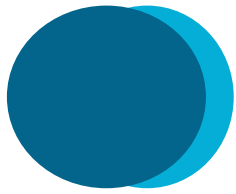
ISO 9001
ISO 14001
Certified number: 01 100 075229
Certified number: 01 104 9245
Fujitsu General (Thailand) Co., Ltd.

FUJITSU GENERAL LIMITED

3-3-17, Suenaga, Takatsu-ku, Kawasaki 213-8502, Japan

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Capacity Class

Brands	General		L brand	C brand	R brand
Series	Duct Inverter	Duct On Off	Duct Inverter	Duct Inverter	Duct Inverter
18	18	18	18	18	18
24	24	25	24	25	24
30	30	30	30	-	30
36	36	36	36	36	36
45/48	48	45	48	48	48
60	54	54	54	60	54
Refrigerant	R32	R410a	R410a	R410a	R410a

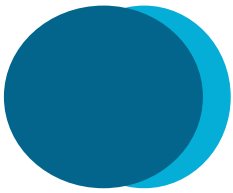


Environmental Impact

General (Inverter): Uses R32 refrigerant, which has a lower global warming potential compared to older refrigerants, reducing the environmental footprint.

Competition: All still use R410A refrigerant, which has a higher global warming potential compared to R32..





EER T1 & T3



EER T1 Btu/hW

Brands	General		L brand	C brand	R brand
Series	Duct Inverter	Duct On Off	Duct Inverter	Duct Inverter	Duct Inverter
18	12.16	11.71	12.4	12.14	11.81
24	12.06	11.64	12.4	12.31	11.67
30	12.45	11.69	12.3	-	11.63
36	12.24	11.63	11.95	11.94	11.83
45/48	12.18	11.62	12.35	11.88	11.64
60	11.74	11.63	12	11.97	11.71
Refrigerant	R32	R410A	R410A	R410A	R410A
Compressor	Inverter	Fixed	Inverter	Inverter	Inverter

Series	Duct Inverter	T1 EER MEPS - ADQCC (Btu/Wh)	% Exceeding MEPS
18	12.16	11.6	5%
24	12.06	11.6	4%
30	12.45	11.6	7%
36	12.24	11.6	6%
45/48	12.18	11.6	5%
60	11.74	11.6	1%

Average % Exceeding MEPS **5%**

EER T3 Btu/hW

Brands	General		L brand	C brand	R brand
Series	Duct Inverter	Duct On Off	Duct Inverter	Duct Inverter	Duct Inverter
18	9.27	8.33	9	9.38	8.57
24	9.27	8.35	8.7	9.29	8.78
30	8.76	8.38	9.7	-	8.36
36	9.37	8.31	9.3	9	8.43
45/48	8.95	8.32	9.25	8.78	8.39
60	8.97	8.31	8.35	8.66	8.67
Refrigerant	R32	R410A	R410A	R410A	R410A
Compressor	Inverter	Fixed	Inverter	Inverter	Inverter

Series	Duct Inverter	T3 EER MEPS - MOIAT ((Btu-h)/W)	% Exceeding MEPS
18	9.27	8.3	12%
24	9.27	8.3	12%
30	8.76	8.3	6%
36	9.37	8.3	13%
45/48	8.95	8.3	8%
60	8.97	8.3	8%

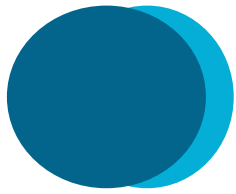
Average % Exceeding MEPS **10%**

Compliance with Local Standards

General (Ducted Inverter): Ducted inverter units feature a high EER at both T1 and T3 that leads to high CSPF rating, falling into the 3-star category under the upcoming 2025 MOIAT UAE regulations. The inverter technology adjusts compressor speed for optimal energy use, significantly reducing power consumption.

Competition : While these brands offer inverter models, General's units achieve higher efficiency levels due to optimized compressor technology and sophisticated heat exchanger design.

General Products : Meets MOIAT, ADQCC, and Barjeel Green Building regulations, ensuring quality assurance in line with JIS standards, and tailored for the regional market.



Compressor Type



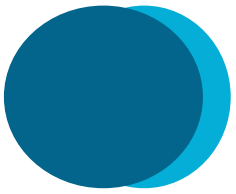
Brands	General		L brand	C brand	R brand
Series	Duct Inverter	Duct On Off	Duct Inverter	Duct Inverter	Duct Inverter
18	Rotary	Rotary	Twin Rotary	Twin Rotary	Rotary
24	Twin Rotary	Rotary	Twin Rotary	Twin Rotary	Rotary
30	Twin Rotary	Scroll	Twin Rotary	-	Twin Rotary
36	Twin Rotary	Scroll	Twin Rotary	Twin Rotary	Twin Rotary
45/48	Twin Rotary	Scroll	Twin Rotary	Twin Rotary	Twin Rotary
60	Twin Rotary	Scroll	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant	R32	R410A	R410A	R410A	R410A
Compressor	Inverter	Fixed	Inverter	Inverter	Inverter

Compressor Design and Efficiency - Ducted Inverter

DC Twin Rotary Compressor Structure : Optimized internal structure maximizes energy efficiency by reducing power consumption.

Reliable Operation: Advanced DC technology ensures dependable performance even during peak heat conditions.

Dynamic Speed Adjustment: Automatically adjusts compressor speed to match cooling demands, enhancing efficiency levels.



Refrigerant Charge



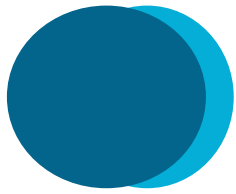
Brands	General		L brand	C brand	R brand
Series	Duct Inverter	Duct On Off	Duct Inverter	Duct Inverter	Duct Inverter
18	0.9	1.5	1.3	1.6	1.7
24	1.07	1.8	1.4	2.2	2.1
30	1.5	2.5	2.2	-	3.1
36	1.7	3.4	2.2	3.2	3.4
45/48	3	4.1	3.4	4.2	5.4
60	3.5	4.3	3.4	4.4	Twin Rotary
Refrigerant	R32	R410A	R410A	R410A	R410A
Compressor	Inverter	Fixed	Inverter	Inverter	Inverter

Refrigerant Charge Quantity

General (Inverter): Requires a lower refrigerant charge compared to similar models from other brands. The optimized system design minimizes the amount of refrigerant needed while maintaining efficient performance.

Reduced Refrigerant Charge: Ducted inverter units Utilizes R32 refrigerant, which requires less charge compared to R410A, contributing to environmental sustainability

Competition: Typically have higher refrigerant charge requirements for comparable capacities, which can lead to increased environmental impact and higher maintenance costs.



Anti Corrosion for Outdoor Units



Brands	General		L brand	C brand	R brand
Series	Duct Inverter	Duct On Off	Duct Inverter	Duct Inverter	Duct Inverter
18	Blue	Blue	Gold	Gold	Blue
24	Blue	Blue	Gold	Gold	Blue
30	Blue	Blue	Gold	Gold	Blue
36	Blue	Blue	Gold	Gold	Blue
45/48	Blue	Blue	Gold	Gold	Blue
60	Blue	Blue	Gold	Gold	Blue
Refrigerant	R32	R410A	R410A	R410A	R410A
Compressor	Inverter	Fixed	Inverter	Inverter	Inverter

Durability and Corrosion Resistance

General Ducted Units: Features Blue Fin heat exchangers with a hydrophilic coating and salt-spray testing for up to 500 hours, as well as outdoor cabinet salt-spray testing for 960 hours. This ensures long-term resistance to corrosion.