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MideaGroup
humanizing technology

www.clivet.com
www.clivetlive.com



PRODUCT CATALOGUE

40
agencies in Italy

630
employees in Italy
and abroad

75
countries we export to

2015
Clivet Live is born

2016
A Group Company of


50.000 m²
of plants in Feltre,
Belluno - Italy

6
branches: Great Britain, Germany, Spain,
Russia, UAE, India

140
service centres

FORTUNE GLOBAL 500
Midea Group #288 in 2020
40.44 \$M
of Midea turnover



For 30 years we have been offering solutions to ensure sustainable comfort and the well-being of people and the environment

In 30 years of working on the design, manufacturing and distribution of air conditioning and handling systems, combining high efficiency with minimal environmental impact, Clivet has developed solutions to ensure sustainable comfort and the well-being of people and the environment. Designing and developing year-round air conditioning solutions with innovative technologies are part of Clivet's DNA, which means the company has always been ready for the future.

Our values in the residential, commercial and industrial sectors

Increasing comfort, saving energy and providing customers with the best value for the entire life cycle of the system: these are the values that inspire our systems for the residential, services and industrial sectors.

INCREASE COMFORT LEVEL

REDUCE ENERGY CONSUMPTION

REDUCE TOTAL LIFE CYCLE COST

Contents

- » 13 Split Wall Mounted Unit
- » 25 Split A6 Ducted Unit (Side-discharge ODU)
- » 31 Split Cassette Unit
- » 35 Split Floor Standing
- » 37 A5 Ducted Unit (Top-discharge ODU)
- » 41 Rooftop Package unit

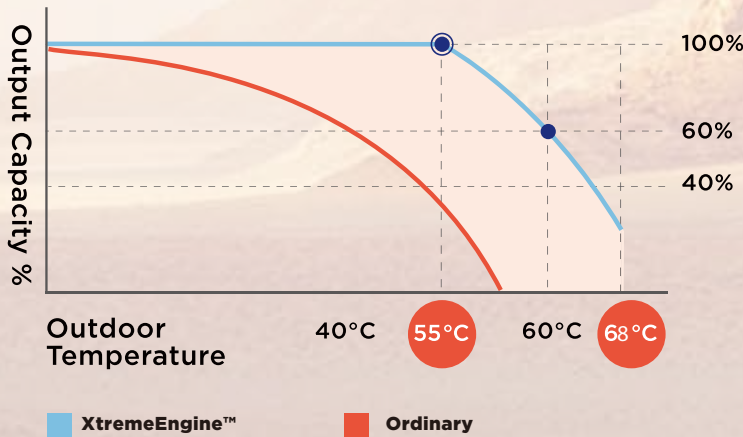


68°C XTREME COOL

Even at hot temperatures of up to 68°C, the XtremeEngine™ compressor can still operate effectively, providing optimal cooling to the room without any interruptions.*

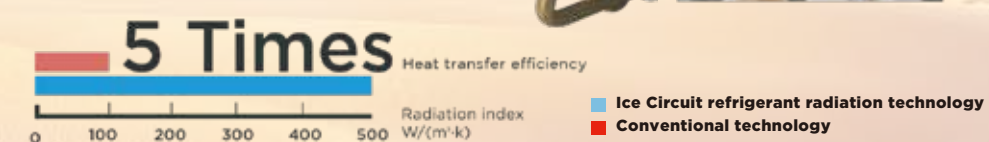
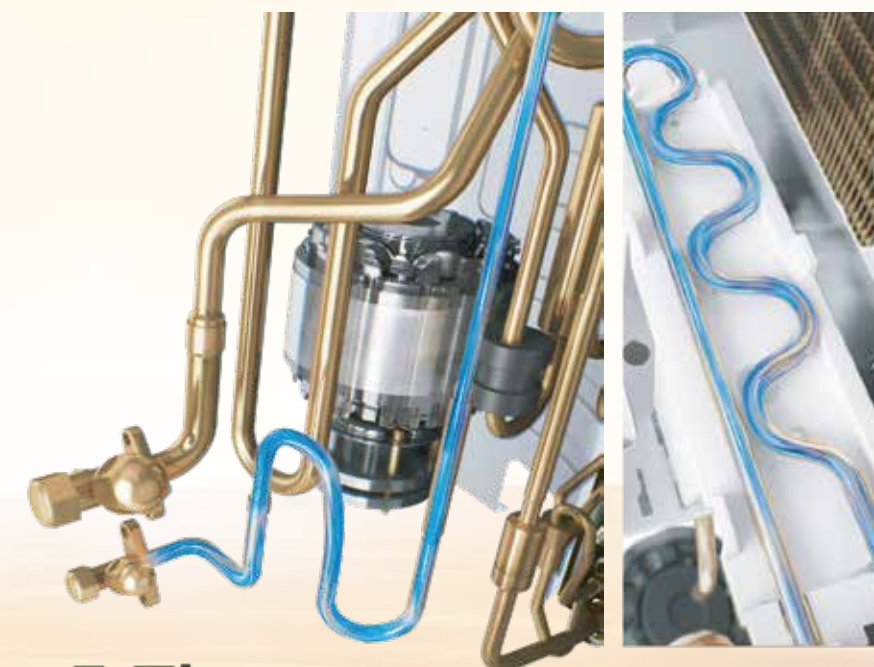
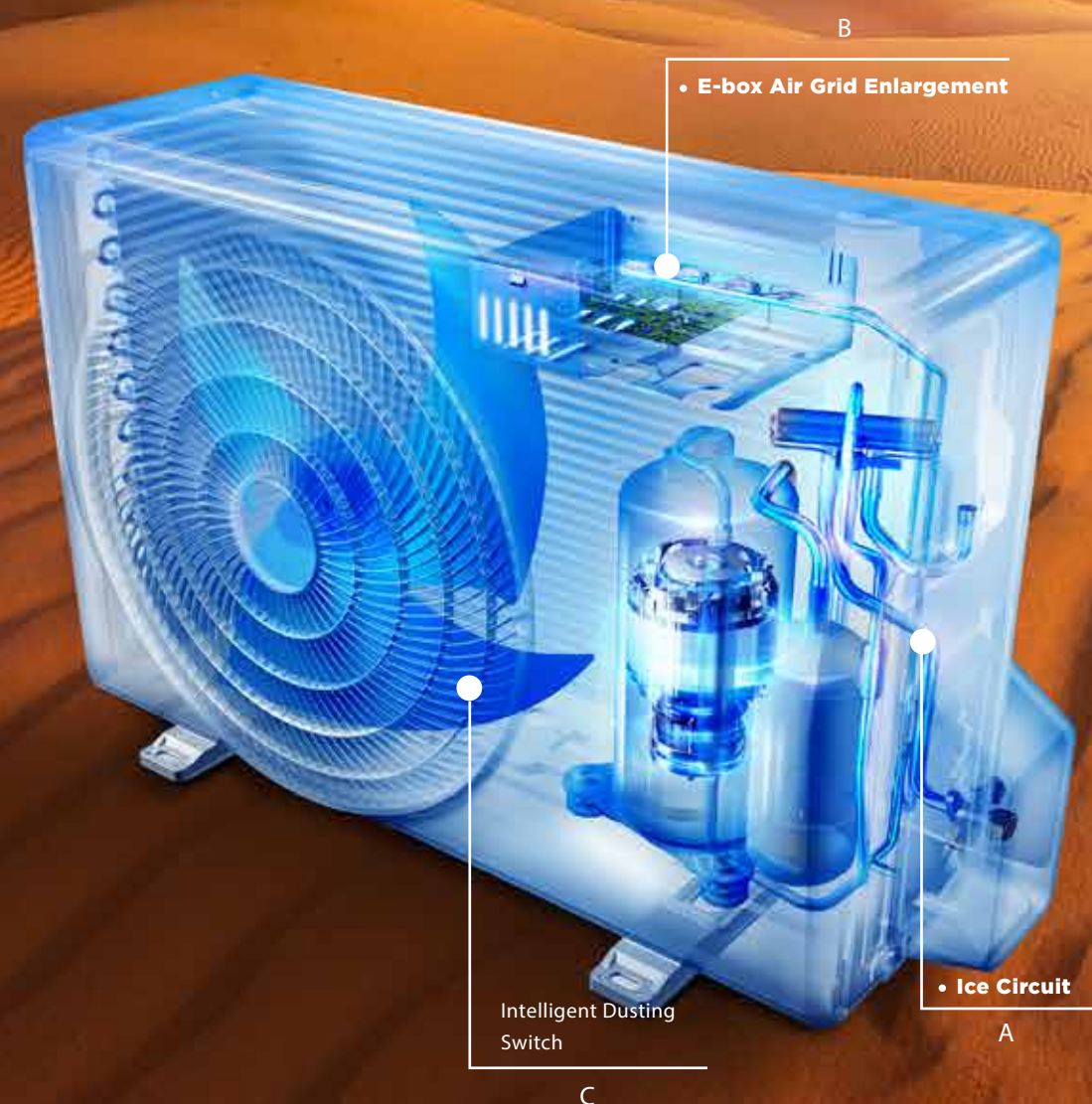
- Wide frequency range: 10 - 120Hz
- Lowest air-outlet temperature: 14°C within 90s
- Resistance to wide voltage fluctuations: 150V-270V

Operates at up to 68°C



High Ambient Cooling
Flash Cooling/Heating
Ultra Energy Saving
Comfort with Stable Temperature

Only applies for inverter model



ICE
CIRCUIT

The newly designed refrigerant circuits use improved refrigerant radiation technology to cool down both the heat exchanger and E-box efficiently, which significantly upgrades the unit's performance under high ambient temperatures.



Heat Dissipation: E-box Air Grid Enlargement

The number of grids on the outdoor E-box has been increased from 1 to 4 to help dissipate heat faster.



Rotation: Intelligent Dusting Switch

Apart from the bionic fan blades, the Welling DC motor itself can rotate in reverse to get rid of the sand and dust from outside, ensuring that the AC is clean and functions well under high ambient temperatures.



Above functions only applied for inverter model

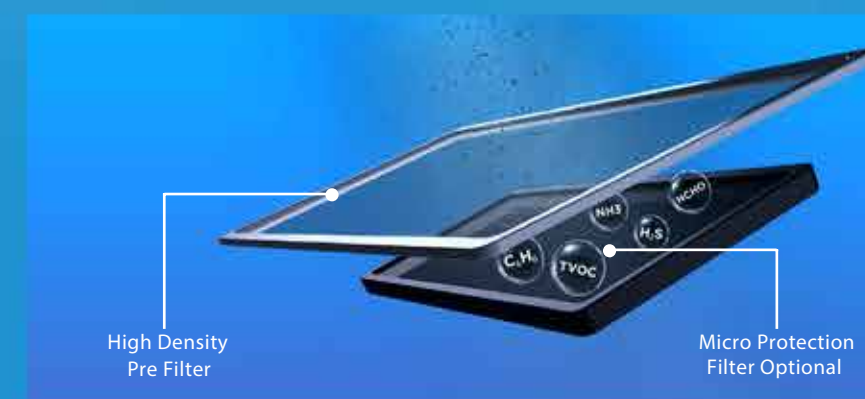
air magic

Dual Filtration

This dual-assurance system makes sure that with every breath, you take in clean, fresh, and healthy air. the dual-filtration system screens out harmful micro-particles adhesive so that the recycling of airflow stays uncontaminated.



1. Generates negative and positive ions
2. Captures bacteria and dust through Brownian motion
3. Takes away the O and H ions
4. Deactivates the harmful particles
5. Forms H₂O molecules



Self Cleaning

The AC unit can perform self-cleaning in Off mode by spinning the fan in reverse to remove condensed water, preventing bacteria and mold from growing.



56°C Sterilization

Set the high temperature sterilization standard of Air Conditioner industry. Effectively kill bacteria at 56°C for 30minutes. The AC unit can spin the fan in reverse direction to remove condensed water for self-cleaning in Off mode, effectively preventing bacteria and mold from breeding.



App-based Remote Control



**REMOTELY CONTROL YOUR AC
WITH A SIMPLE TOUCH,
NO MATTER WHERE YOU ARE.**

Simply download the app to control your home's air conditioning at anytime and from anywhere for ultimate convenience and peace of mind. Help your kids or grandparents operate the air conditioning, even when you're not at home.

Split Wall Mounted Unit

Xtreme cooling performance under Xtreme hot conditions



Appearance



Feature



Gear Shift



Flash Cooling



Wind Avoid Me



Diamond Cabinet



Cold Catalyst Filter



High Density Filter



iECO Mode



Low Noise



Remote Control App



Weekly Timer



Smart Sleep Curve



Cleaning Reminder



Smart Diagnosis



Full DC Inverter



Fire Proof Electric Box



Intelligent Dusting Switch

Specification - High Efficiency Inverter Series



Model		CWMN-XMi12S	CWMN-XMi18S	CWMN-XMi24S	CWMN-XMi30S	CWMN-XMi36S
ESMA Rating		4	4	3	3	3
Capacity (Btu/h)	Cooling	T1:12000 (3500-16000) T3:10400	T1:18000 (5500-21000) T3:16600	T1:22000 (6500-26000) T3:18300	T1:27000(8500-31500) T3:24000	T1: 33000 (10000-37000) T3: 26400
		13500 (4000-16200)	19000 (6600-22000)	25000 (7500-28000)	28300(9900-32500)	33779 (10236-39238)
Power input (W)	Cooling	T1:830 (260-1600) T3:1055	T1:1400 (400-2200) T3:1730	T1:1715 (600-2800) T3:1980	T1:2177(700-2900) T3:2727	T1: 2635 (900-3600) T3: 2916
		940 (300-1750)	1400 (400-2200)	1990 (700-3000)	2184(750-3100)	2675 (950-3700)
EER (Btu/h)/W	Cooling	T1:14.46 T3:9.86	T1:12.86 T3:9.60	T1:12.83 T3:9.24	T1:12.40 T3:8.80	T1:12.52 T3: 9.05
		Heating	4.21	3.98	3.68	3.70
Rated Current (A)	Cooling	T1:3.67 T3:4.72	T1:6.21 T3:7.64	T1:7.61 T3:8.77	T1:9.66 T3:12.10	T1:11.78 T3:13.00
		Heating	4.21	6.21	8.75	11.95
Power supply	Ph/V/Hz	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)
Indoor air flow (m³/h)	Turbo/Hi/Mi/Lo	830/730/600/550	1350/1150/820/650	1350/1170/815/630	1420/1300/1110/980	1550/1440/1245/1100
Refrigerant	/	R410A	R410A	R410A	R410A	R410A
Indoor						
Net dimension (mm)	W*D*H	969x241x320	1083x244x336	1083x244x336	1259x283x362	1350x272x365
Packing dimension (mm)	W*D*H	1045x315x405	1155x315x415	1155x315x415	1340x380x450	1475x375x460
Net/Gross weight	kg	11.3/14.6	13.7/17.3	13.4/17	20/25.9	21.3/27.6
Indoor noise level [dB(A)]	Turbo/Hi/Mi/Lo	43/41/38/33	48/47/41/31	49/48/43/32	52/50/46/43	51.5/51/46/43
Indoor Controller Model	/	RG10B	RG10B	RG10B	RG57	RG57
Indoor Panel & Color	/	AG2 Silver	AG2 Silver	AG2 Silver	AB1 white	AB1 white
Outdoor						
Net dimension (mm)	W*D*H	765x303x555	890x342x673	946x410x810	946x410x810	946x420x810
Packing dimension (mm)	W*D*H	887x337x610	995x435x730	1090x500x875	1090x500x875	1090x500x875
Net/Gross weight	kg	27.3/29.6	38.8/42.2	55.1/59.6	58.6/63.2	64.8/69.5
Outdoor noise level	dB(A)	54	58	60	61	63
Operation ambient temperature	°C	18~52	18~52	18~52	18~52	18~52
Refrigerant piping						
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
Max. pipe length	m	25	30	30	50	50
Max. difference in level	m	10	20	20	25	25

NOTES:
The condition is on below:
1. T1 condition:
 Outdoor: 35°CDB/24°CWB - Indoor: 27°CDB/19°CWB.
2. T3 condition:
 Outdoor: 46°CDB/24°CWB - Indoor: 29°CDB/19°CWB.
3. Heating condition:
 Outdoor: 7°CDB/6°CWB - Indoor: 20°CDB/15°CWB.
4. Sound measured at 1.0m away from the center of the unit.
5. ESMA rating is based on UAE.S 5010-1:2019.

Specification - High Efficiency Non-inverter Series



Model Name		CST1AG-12CRN1(H)	CST1AG-18CRN1(H)	CST1AG-24CRN1(H)	CST1AG-30CRN1(H)	CST1AG-36CRN1(H)
ESMA Rating		3	3	2	2	2
Capacity (Btu/h)	Cooling	T1: 12000 T3: 10600	T1: 18100 T3: 16300	T1: 23200 T3: 20000	T1: 28000 T3: 25000	T1: 31400 T3: 27200
		Heating	-	-	-	-
Power input (W)	Cooling	T1: 980 T3: 1160	T1:1448 T3: 1750	T1: 1940 T3: 2320	T1: 2330 T3: 2900	T1: 2615 T3: 3080
		Heating	-	-	-	-
EER (Btu/h)/W	Cooling	T1: 12.25 T3: 9.14	T1: 12.50 T3: 9.31	T1: 11.96 T3: 8.62	T1: 12.02 T3: 8.62	T1: 12.00 T3: 8.83
		Heating	-	-	-	-
Rated Current (A)	Cooling	T1: 4.35 T3: 5.15	T1: 6.38 T3: 7.70	T1: 8.55 T3: 10.23	T1: 10.48 T3: 13.00	T1: 12.60 T3: 14.30
		Heating	-	-	-	-
Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Indoor air flow (m³/h)	Turbo/Hi/Mi/Lo	720/565/485/370	1130/1030/970/800	1400/1150/1050/1000	1500/1320/1130/1010	1500/1320/1130/1010
Refrigerant	/	R410A	R410A	R410A	R410A	R410A
Indoor						
Net dimension (mm)	W*D*H	835x208x295	1083x244x336	1083x244x336	1259x283x362	1259x283x362
Packing dimension (mm)	W*D*H	905x290x355	1155x315x415	1155x315x415	1340x380x450	1340x380x450
Net/Gross weight	kg	8.9/11.4	14.9/18.5	13.8/17.4	19.8/25.3	19.8/25.6
Indoor noise level [dB(A)]	Turbo/Hi/Mi/Lo	45/40/36/30	49/46/43/41	52/47/45/43	52/50/46/43	52/51/47/44
Indoor Controller Model	/	RG10B	RG10B	RG10B	RG57	RG57
Indoor Panel & Color	/	AG2 Silver	AG2 Silver	AG2 Silver	AB1 white	AB1 white
Outdoor						
Net dimension (mm)	W*D*H	805x330x554	890x342x673	890x342x673	946x410x810	946x410x810
Packing dimension (mm)	W*D*H	915x370x615	995x435x730	995x435x730	1090x500x875	1090x500x875
Net/Gross weight	kg	32.3/35	46.2/49.5	50.4/53.6	66/69.9	68.5/73.2
Outdoor noise level	dB(A)	54	57	60	59	62
Operation ambient temperature	°C	18~52	18~52	18~52	18~52	18~52
Refrigerant piping						
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")
Max. pipe length	m	20	25	25	25	25
Max. difference in level	m	8	10	10	10	10

NOTES:
The condition is on below:
1. T1 condition:
 Outdoor: 35°CDB/24°CWB - Indoor: 27°CDB/19°CWB.
2. T3 condition:
 Outdoor: 46°CDB/24°CWB - Indoor: 29°CDB/19°CWB.
3. Sound measured at 1.0m away from the center of the unit.
4. ESMA rating is based on UAE.S 5010-1:2019.

Specification - Regular Non-inverter Series



Model Name		CST1AG-18CRN1	CST1AG-24CRN1	CST1AG-30CRN1	CST1AG-36CRN1
ESMA Rating		3	1	1	1
Capacity (Btu/h)	Cooling	T1: 18000	T122000	T1: 27140	T1: 33000
		T3: 16000	T3: 18800	T3: 24235	T3: 29200
	Heating	-	-	-	-
Power input (W)	Cooling	T1: 1530	T1: 2050	T1: 2478	T1: 3135
		T3: 1776	T3: 2362	T3: 2963	T3: 3720
	Heating	-	-	-	-
EER (Btu/h)/W	Cooling	T1: 11.77	T1: 10.73	T1: 10.95	T1: 10.53
		T3: 9.01	T3: 7.96	T3: 8.18	T3: 7.85
COP (W/W)	Heating	-	-	-	-
Rated Current (A)	Cooling	T1: 6.79	T1: 8.68	T1: 10.77	T1: 14.00
		T3: 7.80	T3: 10.37	T3: 13.24	T3: 16.47
	Heating	-	-	-	-
Power supply (Ph/V/Hz)	/	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Indoor air flow (m³/h)	Turbo/Hi/Mi/Lo	1160/1060/960/885	1280/1100/980/900	1500/ 1400/ 1150 / 900	1500/1320/1130/1010
Refrigerant	/	R410A	R410A	R410A	R410A

Indoor					
Net dimension (mm)	W*D*H	1082x234x337	1082x234x337	1259x283x362	1259x283x362
Packing dimension (mm)	W*D*H	1155x415x315	1155x415x315	1340x450x380	1340x450x380
Net/Gross weight	kg	14.9/19.7	14.8/19.7	19.9/25.7	19.8/25.3
Indoor noise level [dB(A)]	Turbo/Hi/Mi/Lo	48/46/43/40	48.5/45/42/40	52/49/46/40	52/51/47/43
Indoor Controller Model	/	RG10B	RG10B	RG57	RG57
Indoor Panel & Color	/	AG2 Silver	AG2 Silver	AB1 white	AB1 white

Outdoor					
Net dimension (mm)	W*D*H	805x330x554	890x342x673	946x410x810	946x410x810
Packing dimension (mm)	W*D*H	915x370x615	995x398x740	1090x500x875	1090x500x875
Net/Gross weight	kg	39.5/42.5	47/50.6	61.5/67.3	65.3/69.8
Outdoor noise level	dB(A)	56	59	58	58
Operation ambient temperature	°C	18~52	18~52	18~52	18~52
Refrigerant piping					
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")
Max. pipe length	m	25	25	25	25
Max. difference in level	m	10	10	10	10

NOTES:
The condition is on below:
1. T1 condition:
 Outdoor: 35°CDB/24°CWB - Indoor: 27°CDB/19°CWB.
2. T3 condition:
 Outdoor: 46°CDB/24°CWB - Indoor: 29°CDB/19°CWB.
3. Sound measured at 1.0m away from the center of the unit.
4. ESMA rating is based on UAE.S 5010-1:2019.

Feature Overview of split wall mounted unit

Features Overview Of Split wall Mounted Unit			Control System				Health			Reliability				
DX split wall mount	Model	Indoor Unit Panel	Standard Remote Controller	Wired controller (KJR-12B)	Group controller (KJR-120)	Wifi Fuction	High density filter	Cold-catalyst filter	Self-cleaning	Golden fin		Refrigerant leakage detect	Wide Operation Valtage (150V~270V)	Ice Circuit
										Outdoor	Indoor			
Regular Non-inverter Series	CST1AG-18CRN1	AG2 Silver	RG10B	o	X	●	●	●	●	o	●	●	X	X
	CST1AG-24CRN1	AG2 Silver	RG10B	o	X	●	●	●	●	o	●	●	X	X
	CST1AG-30CRN1	AB1 white	RG57	o	X	●	●	●	●	o	●	●	X	X
	CST1AG-36CRN1	AB1 white	RG57	o	X	●	●	●	●	o	●	●	X	X
High Efficiency Non-inverter Series	CST1AG-12CRN1(H)	AG2 Silver	RG10B	o	X	●	●	●	●	o	●	●	X	X
	CST1AG-18CRN1(H)	AG2 Silver	RG10B	o	X	●	●	●	●	o	●	●	X	X
	CST1AG-24CRN1(H)	AG2 Silver	RG10B	o	X	●	●	●	●	o	●	●	X	X
	CST1AG-30CRN1(H)	AB1 white	RG57	o	X	●	●	●	●	o	●	●	X	X
Inverter Series	CST1AG-36CRN1(H)	AB1 white	RG57	o	X	●	●	●	●	o	●	●	X	X
	CWMN-XMi12S	AG2 Silver	RG10B	o	o	●	●	●	●	●	●	●	●	●
	CWMN-XMi18S	AG2 Silver	RG10B	o	o	●	●	●	●	●	●	●	●	●
	CWMN-XMi24S	AG2 Silver	RG10B	o	o	●	●	●	●	●	●	●	●	●
	CWMN-XMi30S	AB1 white	RG57	o	X	●	●	●	●	●	●	●	●	●
Inverter Series	CWMN-XMi36S	AB1 white	RG57	X	X	●	●	●	●	●	●	●	●	●

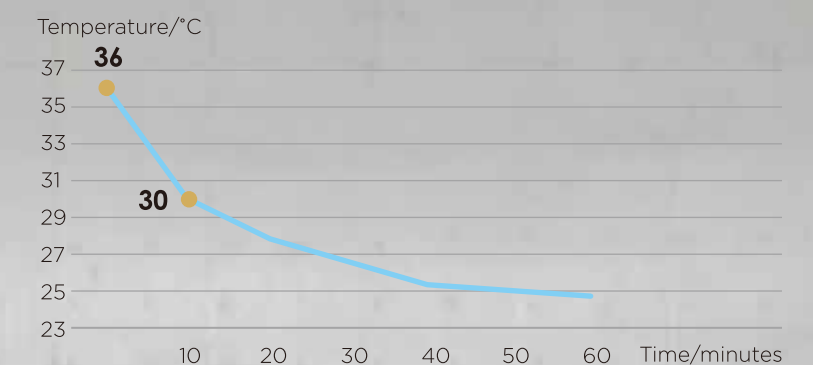
Features Overview Of Split wall Mounted Unit			Comfort					Energy saving				Convenient			
DX split wall mount	Model	Indoor Unit Panel	Standard Remote Controller	3D air flow	Wind avoid me	Follow me	Sound on/off	LED on/off	ECO Function	Gear Shift	Sleep mode	2 ways piping connection	Dual Sweep: reverse-rotation outdoor fan	Auto-restart	Timer
Regular Non-inverter Series	CST1AG-18CRN1	AG2 Silver	RG10B	●	X	●	●	●	X	X	●	●	X	●	●
	CST1AG-24CRN1	AG2 Silver	RG10B	●	X	●	●	●	X	X	●	●	X	●	●
	CST1AG-30CRN1	AB1 white	RG57	●	X	●	●	●	X	X	●	●	X	●	●
	CST1AG-36CRN1	AB1 white	RG57	●	X	●	●	●	X	X	●	●	X	●	●
High Efficiency Non-inverter Series	CST1AG-12CRN1(H)	AG2 Silver	RG10B	●	X	●	●	●	X	X	●	●	X	●	●
	CST1AG-18CRN1(H)	AG2 Silver	RG10B	●	X	●	●	●	X	X	●	●	X	●	●
	CST1AG-24CRN1(H)	AG2 Silver	RG10B	●	X	●	●	●	X	X	●	●	X	●	●
	CST1AG-30CRN1(H)	AB1 white	RG57	●	X	●	●	●	X	X	●	●	X	●	●
	CST1AG-36CRN1(H)	AB1 white	RG57	●	X	●	●	●	X	X	●	●	X	●	●
Inverter Series	CWMN-XMi12S	AG2 Silver	RG10B	●	●	●	●	●	●	●	●	●	●	●	●
	CWMN-XMi18S	AG2 Silver	RG10B	●	●	●	●	●	●	●	●	●	●	●	●
	CWMN-XMi24S	AG2 Silver	RG10B	●	●	●	●	●	●	●	●	●	●	●	●
	CWMN-XMi30S	AB1 white	RG57	●	X	●	●	●	X	X	●	●	●	●	●
	CWMN-XMi36S	AB1 white	RG57	●	X	●	●	●	X	X	●	●	●	●	●

● included, Standard
X not available
o optional,can be selected when releasing new order with additional cost.

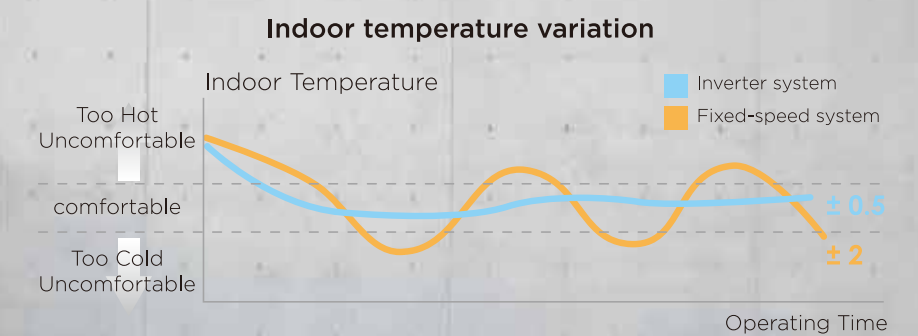
LIGHT COMMERCIAL AC_



Compared with the fixed-speed air conditioner, full DC inverter air conditioner increases its cooling speed by around 30%. It takes only 10 minutes to lower the room temperature from 36 °C to 30 °C when the outdoor temperature is as high as 43 °C*.



*Only applies to inverter models



Precision Temperature Control

Full DC inverter air conditioners outperform fixed-speed air conditioners in the aspect of precision temperature control.



360° CoolSurround

UltraReach 15M

The maximum air flow volume of the floor standing unit can reach up to 2500 m³/h, which means a room of 100m² can be fully filled with cool air in only 7 minutes and brings significant cooling performance.

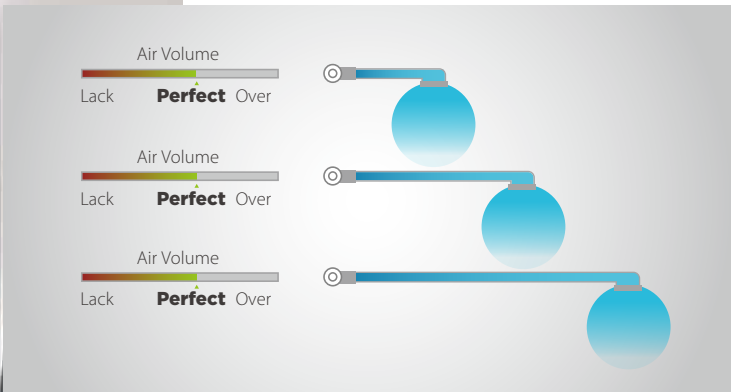
The Cassette's airflow design allows cool air to diffuse and sink evenly, offering uniform cooling experience throughout a vast space.



Split A6 Ducted Unit(Side-discharge ODU)

Constant Air Volume Control

With constant air volume control technology, optimal airflow cools every room consistently and accurately with both short pipes and long pipes.



High Static Pressure up to 160Pa

This unit can be installed in various applications that requires static pressure of 160Pa.



Built-in Drain Pump(Optional)

The drain pump can lift the condensing water up to 750mm, which is convenient to install drainage pipes under most conditions.



Slim Design

The A6 duct is much slimmer thanks to the redesigned overall structure. It now requires less space for installation.



Low Noise

Optimized duct and turbine design makes the air conditioner much quieter during its operation.



Fresh Air

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.

Split A6 Ducted Unit (Side-discharge ODU)



inverter Series



Model Name		CMN-XMi18S	CMN-XMi24S	CMN-XMi36S	CMN-XMi48S	CMN-XMi55S
Capacity (Btu/h)	Cooling	T1: 18700 (5500-22000) T3: 16600	T1: 25300 (7600-29500) T3: 22400	T1: 34800 (11000-40000) T3: 31400	T1: 46700 (14000-52000) T3: 42820	T1: 53300 (18000-57500) T3: 47700
	Heating	20813 (5459-24566) T1: 1539 (540-2000) T3: 1773	27535 (8530-33438) T1: 1951 (680-2600) T3: 2413	34120 (9895-39579) T1: 2806 (1050-4000) T3: 3470	52743 (16036-56298) T1: 3924 (1400-5300) T3: 4941	56141 (18425-59710) T1: 4479 (1850-5800) T3: 5683
Power input (W)	Cooling	1532 (520-2000) T1: 12.15 T3: 9.36	2152 (700-2800) T1: 12.97 T3: 9.28	2439 (900-3300) T1: 12.40 T3: 9.05	3974 (1450-5400) T1: 11.90 T3: 8.67	4285 (1500-5600) T1: 11.90 T3: 8.39
	Heating	3.98 T1: 6.77 T3: 7.77	3.75 T1: 8.61 T3: 10.56	4.10 T1: 12.50 T3: 15.34	3.89 T1: 6.30 T3: 7.80	3.84 T1: 7.50 T3: 8.90
EER (Btu/h)/W	Cooling	6.73 T1: 12.15 T3: 9.36	9.45 T1: 12.97 T3: 9.28	11.04 T1: 12.40 T3: 9.05	6.40 T1: 11.90 T3: 8.67	6.84 T1: 11.90 T3: 8.39
COP (W/W)	Heating	6.73 T1: 6.77 T3: 7.77	9.45 T1: 8.61 T3: 10.56	11.04 T1: 12.50 T3: 15.34	6.40 T1: 6.30 T3: 7.80	6.84 T1: 7.50 T3: 8.90
Rated Current (A)	Cooling	6.73 T1: 6.77 T3: 7.77	9.45 T1: 8.61 T3: 10.56	11.04 T1: 12.50 T3: 15.34	6.40 T1: 6.30 T3: 7.80	6.84 T1: 7.50 T3: 8.90
Power supply (Ph/V/Hz)	Heating	6.73 T1: 6.77 T3: 7.77	9.45 T1: 8.61 T3: 10.56	11.04 T1: 12.50 T3: 15.34	6.40 T1: 6.30 T3: 7.80	6.84 T1: 7.50 T3: 8.90
Indoor air flow (m³/h) (Hi/Mi/Lo)	/	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	3/380-415/50(60)	3/380-415/50(60)
Refrigerant	/	R410A	R410A	R410A	R410A	R410A
ESP(Pa)	Rated	25	25	37	50	50
	Range	0-80	0-100	0-120	0-160	0-160
Indoor						
Net dimension (mm) (body)	W*D*H	880x674x210	1100x774x249	1200x874x300	1200x625x380	1400x858x440
Packing dimension (mm)(body)	W*D*H	1070x725x270	1305x805x305	1405x915x355	1485x675x450	1605x910x505
Net/Gross weight (kg)	kg	25.8/31	32.6/39.9	44.5/52.7	55.9/63.7	72.7/84.3
Indoor noise level [dB(A)]	Hi/Mi/Lo	43/39/34	40/38/35.5	48.5/45.5/42.5	49.5/47/44.9	51.5/48.8/45.9
Wired Controller	/	KJR-12B	KJR-12B	KJR-12B	KJR-12B	KJR-12B
Outdoor						
Net dimension (mm)	W*D*H	890x342x673	946x410x810	946x410x810	952x415x1333	952x415x1333
Packing dimension (mm)	W*D*H	995x435x750	1090x500x875	1090x500x875	1095x495x1480	1095x495x1480
Net/Gross weight (kg)	/	43.4/46.7	58.6/63.2	66.0/70.9	94/107.2	97.3/110.3
Outdoor noise level [dB(A)]	/	58	58	62.5	66.5	66
Operation ambient temperature	°C	0~52°C	0~52°C	0~52°C	0~52°C	0~52°C
Refrigerant piping						
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")
Max. pipe length	m	25	25	30	50	50
Max. difference in level	m	15	15	20	30	30

Non inverter Series

Model Name		CMT-XM24S	CMT-XM30S	CMT-XM36S	CMT-XM48S	CMT-XM55S
Capacity (Btu/h)	Cooling	T1: 24330 T3: 22330	T1: 33780 T3: 30510	T1: 38820 T3: 34330	T1: 50750 T3: 46020	T1: 57100 T3: 51731
	Heating	-	-	-	-	-
Power input (W)	Cooling	T1: 2072 T3: 2532	T1: 2886 T3: 3439	T1: 3318 T3: 4025	T1: 4167 T3: 5128	T1: 4922 T3: 6100
	Heating	-	-	-	-	-
EER (Btu/h)/W	Cooling	T1: 11.74 T3: 8.82	T1: 11.70 T3: 8.87	T1: 11.70 T3: 8.53	T1: 12.18 T3: 8.97	T1: 11.60 T3: 8.48
	Heating	-	-	-	-	-
Rated Current (A)	Cooling	T1: 9.24 T3: 11.30	T1: 13.84 T3: 15.92	T1: 16.83 T3: 19.64	T1: 8.15 T3: 9.29	T1: 8.31 T3: 10.00
	Heating	-	-	-	-	-
Power supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	3/380-415/50	3/380-415/50
Indoor air flow (m³/h)	Hi/Mi/Lo	1513/1344/1063	2190/1818/1400	2171/1883/1436	2833/2377/1964	3291/2810/2355
Refrigerant	/	R410A	R410A	R410A	R410A	R410A
ESP(Pa)	Rated	25	37	37	50	50
	Range	0-100	0-120	0-120	0-160	0-160
Indoor						
Net dimension (mm) (body)	W*D*H	1100x774x249	1200x874x300	1200x874x300	1200x625x380	1200x625x380
Packing dimension (mm)(body)	W*D*H	1305x805x305	1405x915x355	1405x915x355	1485x675x450	1485x675x450
Net/Gross weight (kg)	kg	31.2/37.6	44.8/53.3	44.4/52.7	56/64.1	56.5/64.5
Indoor noise level [dB(A)]	Hi/Mi/Lo	43/41/37	49.7/47/44.6	48.6/44.6/41	52.8/50.5/47.9	53/50/48
Wired Controller	/	KJR-12B	KJR-12B	KJR-12B	KJR-12B	KJR-12B
Outdoor						
Net dimension (mm)	W*D*H	946x410x810	946x410x810	900x350x1170	952x415x1333	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x865	1090x500x875	1032x443x1307	1095x495x1480	1095x495x1480
Net/Gross weight (kg)	kg	58.7/64.4	69.6/74.4	92.5/104.2	103.4/116.8	112.5/125.6
Outdoor noise level	dB(A)	63	62	63	62	62
Operation ambient temperature	°C	18~52	18~52	18~52	18~52	18~52
Refrigerant piping						
Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")	Φ9.52/Φ22(3/8"/7/8")
Max. pipe length	m	25	30	30	50	50
Max. difference in level	m	15	20	20	30	30

NOTES:

The condition is on below:

- T1 condition:
Outdoor: 35°CDB/24°CWB - Indoor: 27°CDB/19°CWB.
- T3 condition:
Outdoor: 46°CDB/24°CWB - Indoor: 29°CDB/19°CWB.
- Heating condition:
Outdoor: 7°CDB/6°CWB - Indoor: 20°CDB/15°CWB.
- Sound measured at 1.0m away from the center of the unit.

Split Cassette Unit



CoolSurround 360°

The Cassette's airflow design allows cool air to diffuse and sink evenly, offering uniform cooling experience throughout the space.



Twin System with Sync Control

The twin system connects 2 IDUs of the same type and capacity to 1 ODU for more air distribution in a large room. The controller can operate both IDUs simultaneously.



Fresh Air

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



FlexiWind Control

The 4 air outlets can be independently controlled for customized comfort.

Built-in Drain Pump

The drain pump can lift the condensing water up to 750mm, which is convenient to install drainage pipes under most conditions.



Super Slim Design

The slim cassette is much slimmer thanks to the redesigned heat exchanger and overall structure. It now requires less space for installation.





Comfort Perfectionist



SilentTornado

The SilentTornado Effect is attained with the innovation WindTrack and Nite-Owl Wing design, through which the mighty air flow gets mightier and quiet operation quieter.



Power Breezeless

Have the Refreshing Cool without the cold air draughtseven for the most demanding ones



Multi-Tailored

with diverse airflow patterns and cooling experience that can happened simultaneously in one space on one AC machine and can even automatically sense, recognize and adapts to people at different spot of different cooling needs.

Split Cassette Unit

Split Cassette



Model Name		CQ4N-XMi24S	CQ4N-XMi36S	CQ4N-XMi48S	CQ4T-XM48S
ESMA Rating		2	2	2	1
Capacity (Btu/h)	Cooling	T1:22800 (6600-29000) T3:19800	T1:33600 (8100-43400) T3:29000	42500(19000-55000) T3:38400	T1: 48000 T3: 43490
	Heating	26375(7506-30998)	34802(9008-41968)	51862(18698-56980)	-
Power input (W)	Cooling	T1:1898(660-2500) T3:2268	T1:2750(750-3700) T3:3372	T1:3600(1500-5800) T3:4440	T1: 3974 T3: 5038
	Heating	2228(600-2600)	2563(700-3600)	4200(2000-5200)	-
EER (W/W)	Cooling	T1:12.01 T3:8.73	T1:12.22 T3:8.60	T1:11.81 T3:8.65	T1: 12.08 T3: 8.63
	Heating	3.47	3.98	3.62	-
Rated Current (A)	Cooling	T1:8.35 T3:10.50	T1:12.18 T3:14.82	T1:15.95 T3:19.60	T1: 8.00 T3: 9.22
	Heating	9.81	11.47	18.55	-
		/	/	/	/
Power supply (Ph/V/Hz)	/	1/220-240/50	1/220-240/50	1/220-240/50	3/380-415/50
Indoor air flow (m³/h) (Hi/Mi/Lo)	/	1400/1250/1100	1950/1750/1550	2300/2100/1900	2535/2346/2140
Refrigerant	/	R410A	R410A	R410A	R410A
Indoor					
Net dimension (mm) (body)	W*D*H	840x840x245	910x910x287	910x910x287	910x910x287
Packing dimension (mm)(body)	W*D*H	900x900x265	1015x1015x322	1015x1015x322	1015x1015x322
Net dimension (mm) (panel)	W*D*H	950x950x55	1020x1020x50	1020x1020x50	1020x1020x50
Packing dimension (mm)(panel)	W*D*H	1035x1035x90	1115x1115x107	1115x1115x107	1115x1115x107
Net/Gross weight (kg)(body)	/	24.6/29.7	34.4/41.3	34.7/41.2	34.4/40.9
Net/Gross weight (kg)(panel)	/	5/8	5.8/9.5	5.8/9.5	6/9
Indoor noise level [dB(A)](Hi/Mi/Lo)	/	49/46/44	51/49/46	56.5/54.5/52.5	58.2/56.6/54.6
Indoor Controller Model	/	RG70	RG70	RG70	RG70
Outdoor					
Net dimension (mm)	W*D*H	946x410x810	946x410x810	952x415x1333	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
Net/Gross weight (kg)	/	56.3/60.9	64.9/69.6	97.2/110.2	102.2/115.6
Outdoor noise level [dB(A)]	/	60	63	64	62.2
Operation ambient temperature	°C	0~52°C	0~52°C	0~52°C	18~52°C
Refrigerant piping					
Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
Max. pipe length	m	25	30	50	50
Max. difference in level	m	15	20	30	30

NOTES:
The condition is on below:
1. T1 condition:
Outdoor: 35°CDB/24°CWB - Indoor: 27°CDB/19°CWB.
2. T3 condition:
Outdoor: 46°CDB/24°CWB - Indoor: 29°CDB/19°CWB.
3. Heating condition:
Outdoor: 7°CDB/6°CWB - Indoor: 20°CDB/15°CWB.
4. Sound measured at 1.0m away from the center of the unit.
5. ESMA rating is based on UAE.S 5010-1:2019.
6. Model CQ4T-XM48S is non-inverter and cooling only model.

Split Floor Standing



Powerful Airflow

Equipped with a powerful DC motor and a large-diameter centrifugal blower wheel to achieve an airflow up to 2300m³/h.



15 Meters Long Distance Wind Blast

The large air outlet and six large air directing blades enable an airflow distance of up to 15m.



Hidden VLED Display

The hidden VLED display screen is easy to read yet beautiful.



Wind Avoid Me

With one tap of button, the airflow direction is automatically adjusted to the maximum angle to prevent direct cold/hot drafts.



3D Airflow

Midea's 3D airflow function combines vertical and horizontal auto-swing to spread comfort more widely throughout the room.



Floor Standing



Floor Standing



Model Name	Indoor	CFTGA-36CRN1-QC1W	CFT4GA-48CRN1-RC1W	CFT4GA-55CRN1-RC5W
	Outdoor	COTDUL-36CN1-QC1W	COT4DUL-48CN1-RC1W	COT4EUL-55CN1-RC5W
ESMA Rating		2	1	2
Capacity (Btu/h)	Cooling	T1: 33000 T3: 29200	T1:48000 T3:43000	T1: 54000 T3: 48000
		-	-	-
Power input (W)	Cooling	T1: 2980 T3: 3500	T1:4400 T3:5350	T1: 4520 T3: 5550
		-	-	-
EER (Btu/h)/W	Cooling	T1: 11.07 T3: 8.34	T1:10.91 T3:8.04	T1: 11.95 T3: 8.65
		-	-	-
COP (W/W)	Heating	-	-	-
Rated Current (A)	Cooling	T1: 13.22 T3: 15.42	T1:8.50 T3:9.50	T1: 8.00 T3: 9.32
		-	-	-
Power supply (Ph/V/Hz)	/	1/220-240/50	3/380-415/50	3/380-415/50
Indoor air flow (m³/h) (Turbo/Hi/Lo)	/	2040/1910/1650	2396/2280/1840	2280/2050/1950
Refrigerant	/	R410A	R410A	R410A
Indoor				
Net dimension (mm)	W*D*H	610x390x1925	610x390x1925	610x390x1925
Packing dimension (mm)	W*D*H	765x515x2070	765x515x2070	765x515x2070
Net/Gross weight (kg)	/	55.5/73.7	57.2/75.7	56.7/76.1
Indoor noise level [dB(A)](Turbo/Hi/Lo)	/	53/51/44	58/57/51	57/54/53
Indoor Controller Model	/	RG57	RG57	RG57
Outdoor				
Net dimension (mm)	W*D*H	946x410x810	900x350x1170	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x875	1032x443x1307	1095x495x1480
Net/Gross weight (kg)	/	72.4/76.9	89.6/100	112.6/126.6
Outdoor noise level [dB(A)]	/	62	62	61
Operation ambient temperature	°C	18~52°C	18~52°C	18~52°C
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")
Max. pipe length	m	30	50	50
Max. difference in level	m	20	30	30

NOTES:
The condition is on below:
1. T1 condition:
Outdoor: 35°CDB/24°CWB - Indoor: 27°CDB/19°CWB.
2. T3 condition:
Outdoor: 46°CDB/24°CWB - Indoor: 29°CDB/19°CWB.
3. Sound measured at 1.0m away from the center of the unit.
4. ESMA rating is based on UAE.S 5010-1:2019.

Top discharge A5 ducted unit

- ❖ Meet ESMA and ADQCC certificate
- ❖ Suitable for using refrigerant R410A
- ❖ 3-speed indoor fan for enhanced comfort
- ❖ Blue hydrophilic fin & inner grooved copper pipe
- ❖ Air intake filter as standard
- ❖ Outdoor fan motor insulation class: IP44
- ❖ High temperature operation - Cooling: from 17°C to 52°C
- ❖ Long piping length. Max. equivalent piping length: 55m;
Max. vertical distance between ODU and IDU: 46m. (Notes: ODU is up.)
- ❖ Cooling only



Appearance & Main Features

ODU



Ducted IDU



18/24/30/36k Btu/h



48/60k Btu/h

Wired Controller

WDC-86E/K



Standard

Wireless Controller

RM05



Optional

Group Controller

CCM30



Optional

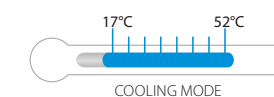
WIFI & BMS

Gateway



Optional

High temperature operation



Panasonic DC type indoor fan motor



Only available for 48K/60K Unit

Multiple Protection



(HP/LP switch and discharge temp. sensor ,etc.)

Metal fan blower and blade, more reliable.



Outdoor unit fan axial metal fan IP44 and insulation class F

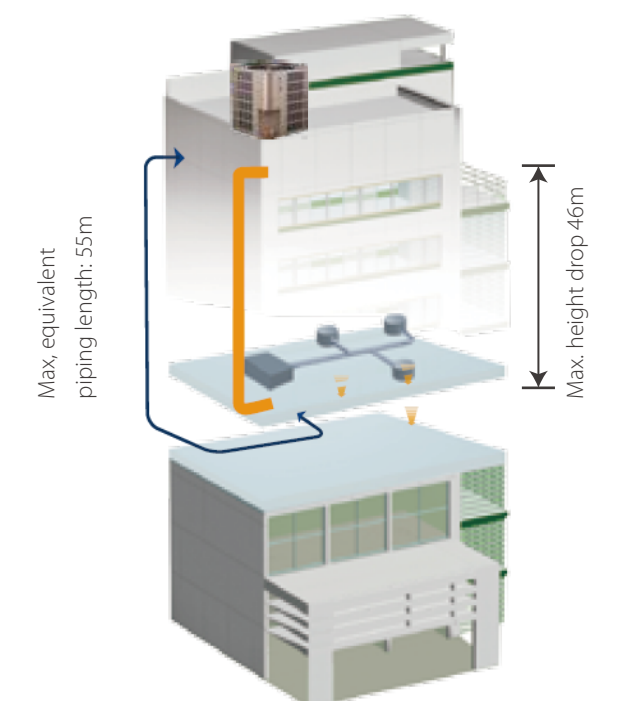
Nylon washable Filter(Standard)



Centrifugal fan blower



Only available for 48K/60K Unit

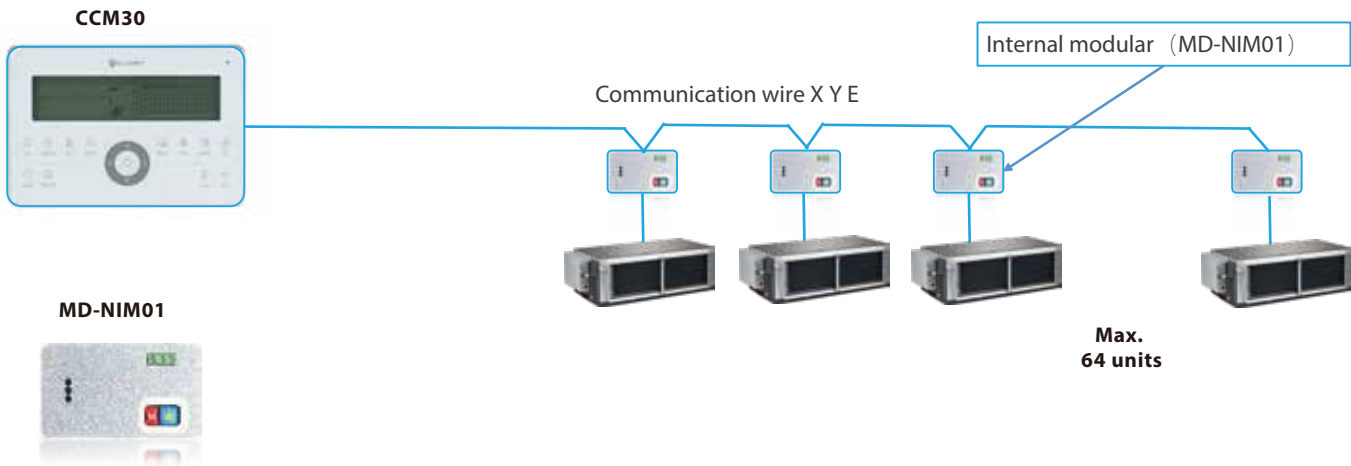


Longer Piping & Higher Vertical distance

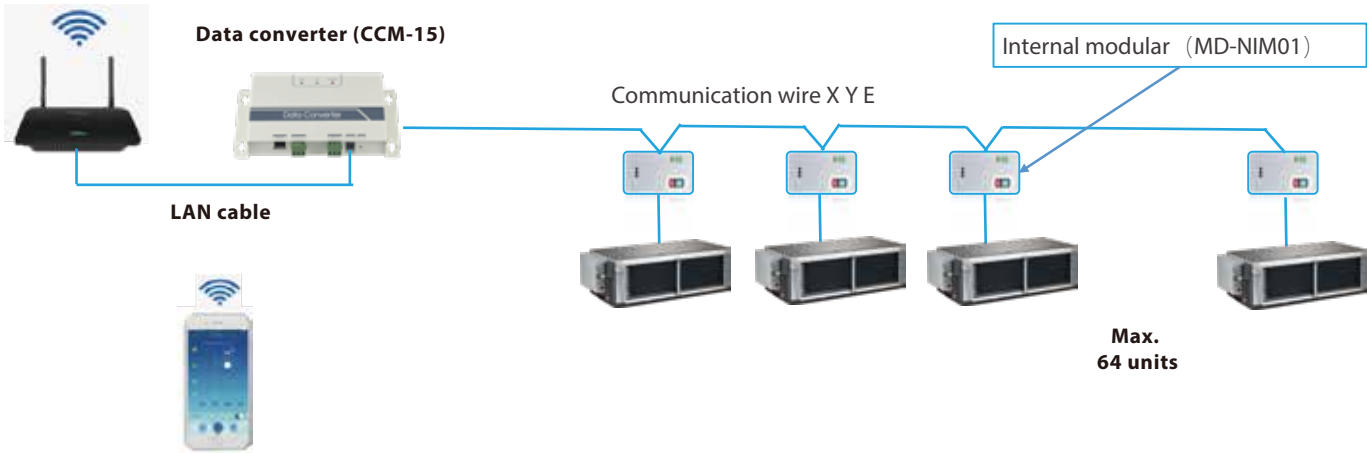
- Max. piping length: 55m,
- Max. vertical distance between ODU and IDU: 46m.

•Only available for 48K/60K Unit

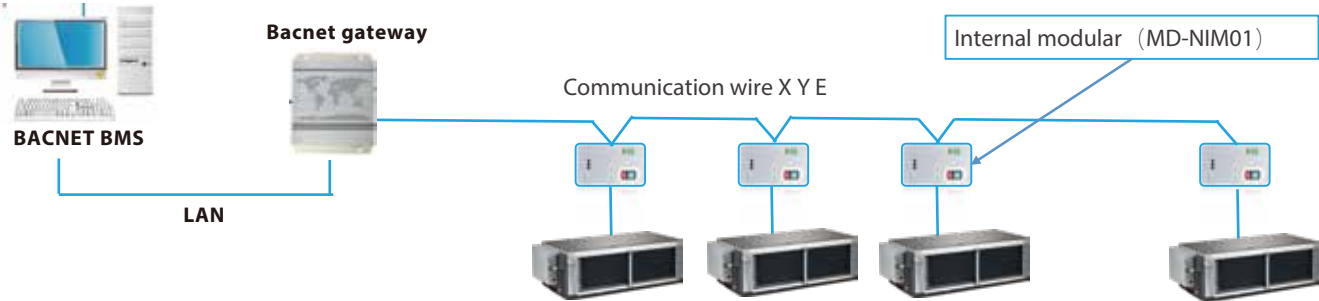
* Group controller CCM30 is optional



* Smart phone APP control is available via the internal modular, data converter and router.



* BMS control is available via the internal modular, BMS gateway.



Check BMS gateway model with factory

Specification

Indoor unit			CMT-XM 18MC	CMT-XM 24MC	CMT-XM 30MC	CMT-XM 36MC	CMT-XM 48MB	CMT-XM 60MB
Outdoor unit			MSAT-XM 18MA-G	MSAT-XM 24MA-G	MSAT-XM 30MA-G	MSAT-XM 36MA-G	MSAT-XM 48TC-C	MSAT-XM 60TC-C
Power supply	Indoor unit	V/Ph/Hz	220~240V~1Ph-50Hz				220~240V~1Ph-50Hz	
	Outdoor unit	V/Ph/Hz	220~240V~1Ph-50Hz				380V~415V-3Ph-50Hz	
Cooling	T1 Capacity	Btu/h	18000	24200	31600	35400	48000	57000
	T3 Capacity	Btu/h	15600	21600	27800	30600	44500	51000
	EER (T1/T3)	Btu/(h·W)	11.6/8.5	11.6/8.5	11.6/8.5	11.6/8.5	12.5/9.4	11.7/8.6
Compressor	Brand		GMCC	GMCC	GMCC	GMCC	Copeland	Copeland
	Type		Rotary	Rotary	Rotary	Rotary	Scroll	Scroll
Motor	Indoor unit	Brand	Welling	Welling	Welling	Welling	Panasonic	Panasonic
		Type	AC	AC	AC	AC	DC	DC
	Outdoor unit	Brand	Welling	Welling	Welling	Welling	Welling	Welling
		Type	AC	AC	AC	AC	AC	AC
Fan	Indoor unit motor	Material	Plastic	Plastic	Plastic	Plastic	Metal	Metal
	Outdoor unit motor	Material	Metal	Metal	Metal	Metal	Metal	Metal
Air flow	Indoor unit*	CFM	662/530/487	1025/900/787	985/866/757	1088/985/866	1700/1550/1450	1950/1650/1500
	Outdoor unit	CFM	1600	1440	3440	3110	3688	3418
Indoor standard ESP		Pa	25	25	37.5	37.5	50	50
Indoor ESP range		Pa	0-50	0-100	0-100	0-100	0-125	0-125
Noise level	Indoor unit	dB(A)	43/40/39.5	46/43.5/41.5	46/43.5/41.5	49/46/43.5	58/57/56	55/53/51
	Outdoor unit	dB(A)	57	62	66	63	62	63
Connection pipe	Liquid side	mm	Φ9.5	Φ9.5	Φ9.5	Φ9.5	Φ9.5	Φ9.5
	Gas side	mm	Φ15.9	Φ19.1	Φ19.1	Φ19.1	Φ19.1	Φ19.1
	Max. equivalent refrigerant pipe length	m	25	25	30	30	55	55
	Max. difference in level	m	15	15	20	20	46	46
Net dimension (W×H×D)	Indoor unit	mm	1220x210x500	1230x270x775	1230x270x775	1230x270x775	1311x422x692	1311x422x692
	Outdoor unit	mm	554x633x554	554x633x554	740x843x740	710x759x710	740x843x740	740x843x740
Packing (W×H×D)	Indoor unit	mm	1360x292x560	1355x350x795	1355x350x795	1355x350x795	1436x450x768	1436x450x768
	Outdoor unit	mm	582x667x582	582x667x582	768x877x768	738x793x738	768x877x768	768x877x768
Net/Gross weight	Indoor unit	kg	27.2/31.8	39.5/46	39.5/46	39.5/46	68/76	68/76
	Outdoor unit	kg	49/52	53/56	75/80	77/81	89.6/94.6	96.4/101.4
Ambient temperature operation range	Cooling	°C	17-52	17-52	17-52	17-52	17-52	17-52

Notes:
1. The capacity is based on the following conditions:
T1 cooling: Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB.
T3 cooling: Indoor temperature 29°C DB/19°C WB; Outdoor temperature 46°C DB.
The refrigerant piping length between indoor unit and outdoor unit is 7.5m.
2. ESP: External static pressure.
3. Wire controller (SV) is standard, remote control is optional.
*: Indoor unit airflow volume is based on the standard ESP.

Rooftop Package unit

- ❖ Wide product range, from 58,000Btu/h to 332,000Btu/h.
- ❖ Highly reliable scroll compressor, suited to extreme conditions.
- ❖ Adjustable pulley design (7.5ton to 30ton).
- ❖ Factory-completed unit and pre-drilled duct flange for easy installation.
- ❖ Anti-corrosion treatment can be customized.
- ❖ High temperature operation - Cooling: from 10°C (50°F) to 52°C (125.6°F).
- ❖ Multi-protection design: system current protection, high and low pressure switch, discharge temperature & anti-freeze protection.
- ❖ Easy to installation and maintenance.
- ❖ Reserved system pressure gauge ports.
- ❖ Certified by ESMA.
- ❖ The main PCB has 24V signal, compatible with other brand thermostat.
- ❖ ON/OFF dry contact input signal.
- ❖ ALARM dry contact output signal.
- ❖ XYE centralized control port as standard.
- ❖ Centralized controller + Interface as optional.
- ❖ Standard wired controller KJR-90K Bi-communication which can show error code and so on.
- ❖ Wired controller with wifi can achieve function through mobile APP.

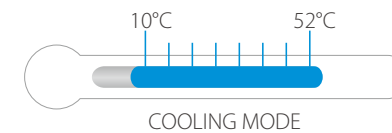


Rooftop Package



Main Features

Wide cooling ambient temperature

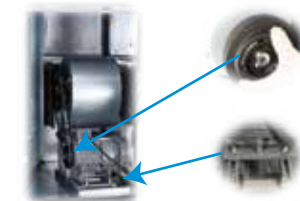


Durable Scroll Compressor(Copeland&Danfoss)



* 7.5RT model Unit is GMCC Rotary Compressor

Adjustable variable pitch pulley



which can adjust the ESP & airflow based on the actual requirement.

* Only available from 7.5RT~30RT model

Metal fan blower and blade



Outdoor unit fan axial mental fan IP44 and insulation class F



Centrifugal fan blower

Multiple Protection



HP/LP switch and discharge temp.sensor,etc.

Standard 1-inch Aluminum Filter



0.5 inch, 2 inch are optional

Dual System Circuit



Once compressor fail, the other Compressor still can operate
* Except the 5RT model Unit

Standard
Wired Controller



Standard wired controller KJR-90K Bi-communication which canshow error code.

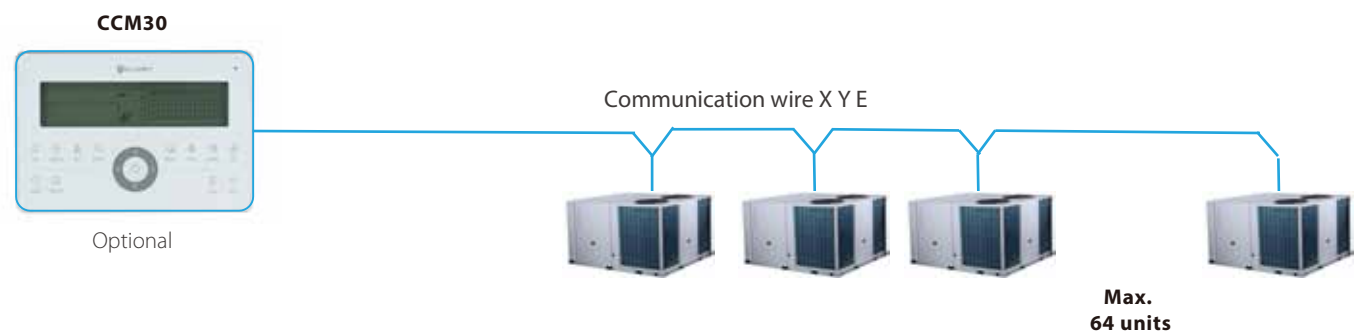
Standard wired controller KJR-90K has follow me function.

Wired controller KJR-90K has optional WIFI, which can achieve function through mobile APP.

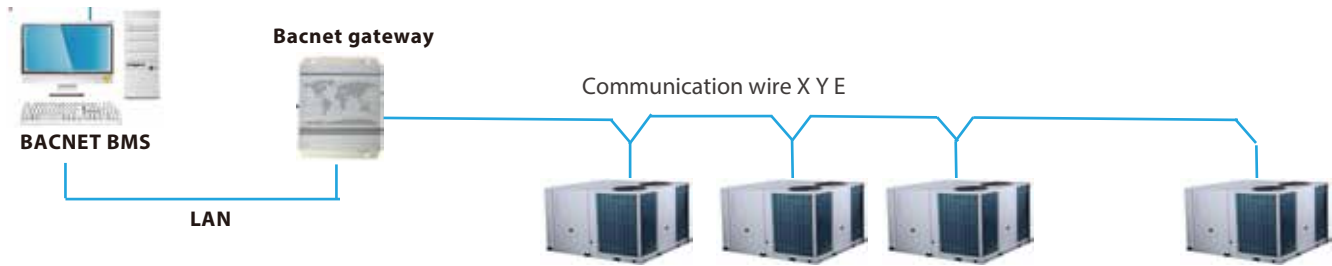
The main PCB has 24V signal, compatible with other brand thermostat.



* Group controller
CCM30 is optional.



* BMS control is available via the internal modular, BMS gateway.



Check BMS gateway model with factory

Specification

Nominal ton*			5	7.5	8.5	10	12.5
Model			CKT-2-XHE 6.1	CKT-2-XHE 10.2	CKT-2-XHE 12.2	CKT-2-XHE 14.2	CKT-2-XHE 18.2
Cooling(T1)	Capacity (T1)	Btu/h	58,000	84,000	103,000	113,000	136,000
		kW	17.0	24.6	30.2	33.1	39.9
	Input (T1)	kW	5.00	7.43	9.28	10.18	12.25
	EER (T1)	Btu/(W.h)	11.6	11.3	11.1	11.1	11.1
Cooling(T3)	Capacity (T3)	Btu/h	51,000	73,000	90,000	99,600	120,000
		kW	14.9	21.4	26.4	29.2	35.2
	Input (T3)	kW	6.14	8.79	10.84	11.99	14.45
	EER (T3)	Btu/(W.h)	8.3	8.3	8.3	8.3	8.3
	Power Factor		0.79	0.79	0.78	0.75	0.82
Airflow	Indoor side	CFM	2,000	2,800	3,600	4,200	4,500
External pressure level		Pa	Default: 60; 0 - 150	Default: 75; 0 - 200	Default: 75; 0 - 250	Default: 85; 0 - 250	Default: 85; 0 - 300
Max. current		A	14.8	22.6	27.0	30.9	36.8
Sound pressure level		dB(A)	66.9	71.6	73.3	70.5	73.8
Compressor	Type/ Quantity		Scroll / 1	Rotary / 2	Scroll / 1+Rotary / 1	Scroll / 2	Scroll / 2
	Brand		Copeland	GMCC	Copeland+GMCC	Copeland	Copeland
Indoor fan	Type/ Drive type		Centrifugal/ Direct	Centrifugal/ Belt	Centrifugal/ Belt	Centrifugal / Belt	Cen trifugal / Belt
Outdoor fan	Type/ Drive type		Axial/ Direct	Axial/ Direct	Axial/ Direct	Axial/ Direct	Axial/ Direct
Compressor ON/OFF logic			±1℃	±1℃	±1℃	±1℃	±1℃
Return tuyere and supply tuyere structure			Up/down	Up/down	Up/down	Up/down	Up/down
Fresh air intake box			No	No	No	No	No
Aluminum filter			Optional	Optional	Optional	Optional	Optional
Double skin			Optional	Optional	Optional	Optional	Optional
Standard wired controller			KJR-90K	KJR-90K	KJR-90K	KJR-90K	KJR-90K
Centralized controller			Optional	Optional	Optional	Optional	Optional
BMS access			Yes	Yes	Yes	Yes	Yes
0.5℃temperature display			Yes	Yes	Yes	Yes	Yes
24V wired controller			Yes	Yes	Yes	Yes	Yes
Two controllers access			Yes	Yes	Yes	Yes	Yes
Room temperature display			Yes	Yes	Yes	Yes	Yes
Error code display			Yes	Yes	Yes	Yes	Yes
Power protector			Yes	Yes	Yes	Yes	Yes
Power-off memory function			Yes	Yes	Yes	Yes	Yes
Wifi access			Yes	Yes	Yes	Yes	Yes
App control			Yes	Yes	Yes	Yes	Yes
Ambient temperature			10℃ - 52℃	10℃ - 52℃	10℃ - 52℃	10℃ - 52℃	10℃ - 52℃
Dimension	Net (WxHxD)	mm	1,475x840x1,130	1,483x1,231x1,138	1,965x1,230x1,130	1,670x1,247x2,192	1,670x1,247x2,192
	Packing (WxHxD)	mm	1,495x870x1,150	1,500x1,255x1,155	1,995x1,255x1,160	1,695x1,284x2,212	1,695x1,284x2,212
Weight	Net/ Gross	kg	215/220	313/323	388/400	480/505	570/595

*Notes:

*. Nominal ton is only for reference, cooling capacity as per specifications.

1. Cooling (1) test condition: Indoor temperature 26.7°C (80°F) DB/19.4°C (67°F) WB, outdoor temperature 35°C (95°F).

2. Cooling (2) test condition: Indoor temperature 26.7°C (80°F) DB/19.4°C (67°F) WB, outdoor temperature 46.1°C (115°F).

3. Units are suitable for operation to ±20% of nominal air flow."

Specification

Nominal ton*			15	20	25	30
Model			CKT-2-XHE 22.2	CKT-2-XHE 30.2	CKT-2-XHE 38.2	CKT-2-XHE 45.2
Cooling(T1)	Capacity (T1)	Btu/h	155,000	224,000	292,000	332,000
		kW	45.4	65.7	85.6	97.3
	Input (T1)	kW	14.35	20.74	27.55	31.32
	EER (T1)	Btu/(W.h)	10.8	10.8	10.6	10.6
Cooling(T3)	Capacity (T3)	Btu/h	140,000	190,000	258,000	289,000
		kW	41.0	55.7	75.6	84.7
	Input (T3)	kW	17.28	23.45	33.07	37.05
	EER (T3)	Btu/(W.h)	8.1	8.1	7.8	7.8
	Power Factor		0.77	0.78	0.80	0.80
Airflow	Indoor side	CFM	5,200	6,600	8,900	10,300
External pressure level		Pa	Default: 110; 0 - 300	Default: 110; 0 - 300	Default: 110; 0 - 300	Default: 110; 0 - 350
Max. current		A	41.8	58.4	75.4	83.8
Sound pressure level		dB(A)	75.9	77.5	79.9	80.1
Compressor	Type/ Quantity		Scroll / 2	Scroll / 2	Scroll / 2	Scroll / 2
	Brand		Danfoss	Copeland	Danfoss	Danfoss
Indoor fan	Type/ Drive type		Centrifugal/ Belt	Centrifugal/ Belt	Centrifugal/ Belt	Centrifugal/ Belt
Outdoor fan	Type/ Drive type		Axial/ Direct	Axia l / Direct	Axia l / Direct	Axial/ Direct
Compressr ON/OFF logic			±1℃	±1℃	±1℃	±1℃
Return tuyere and supply tuyere structure			Up/down	Up/down	Left/right	Left/right
Fresh air intake box			No	No	Yes	Yes
Aluminum filter			Optional	Optional	Optional	Optional
Double skin			Optional	Optional	Optional	Optional
Standard wired controller			KJR-90K	KJR-90K	KJR-90K	KJR-90K
Centralized controller			Optional	Optional	Optional	Optional
BMS access			Yes	Yes	Yes	Yes
0.5℃temperature display			Yes	Yes	Yes	Yes
24V wired controller			Yes	Yes	Yes	Yes
Two controllers access			Yes	Yes	Yes	Yes
Room temperature display			Yes	Yes	Yes	Yes
Error code display			Yes	Yes	Yes	Yes
Power protector			Yes	Yes	Yes	Yes
Power-off memory function			Yes	Yes	Yes	Yes
Wifi access			Yes	Yes	Yes	Yes
App control			Yes	Yes	Yes	Yes
Ambient temperature			10℃ - 52℃	10℃ - 52℃	10℃ - 52℃	10℃ - 52℃
Dimension	Net (W×H×D)	mm	1,670×1,247×2,192	2,320×1,245×2,220	2,885×1,656×2,231	2,885×1,656×2,231
	Packing (W×H×D)	mm	1,695×1,284×2,212	2,330×1,275×2,230	2,895×1,690×2,251	2,895×1,690×2,251
Weight	Net/ Gross	kg	605/630	871/910	1145/1190	1165/1210

"Notes:

*: Nominal ton is only for reference, cooling capacity as per specifications.

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2. Cooling (2) test condition: Indoor temperature 26.7°C (80°F) DB/19.4°C (67°F) WB, outdoor temperature 46.1°C (115°F).

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