

Service Manual

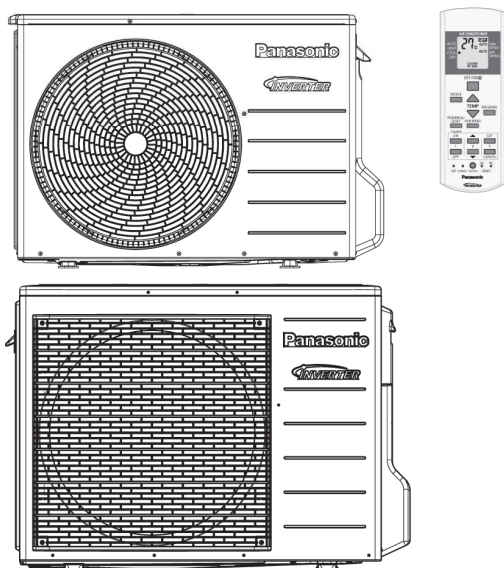
Air Conditioner



Indoor Unit
CS-E9PB4EA
CS-E12PB4EA

Outdoor Unit
CU-E9PB4EA
CU-E12PB4EA

Destination
Europe



Please file and use this manual together with the Service Manual for Model No. CU-2E15PBE, CU-2E18PBE, CU-3E18PBE, CU-4E23PBE, CU-4E27PBE, CU-5E34PBE, Order No. PAPAMY1301048CE, PAPAMY1303046CE

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.



PRECAUTION OF LOW TEMPERATURE

In order to avoid frostbite, be assured of no refrigerant leakage during the installation or repairing of refrigerant circuit.

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2. Specifications

Model			Indoor		CS-E9PB4EA						
			Outdoor		CU-E9PB4EA						
Performance Test Condition					EUROVENT						
Power Supply			Phase, Hz		Single, 50						
			V		220			230			
					Min.	Mid.	Max.	Min.	Mid.	Max.	
Cooling	Capacity		kW		0.85	2.50	3.00	0.85	2.50	3.00	
			BTU/h		2900	8530	10200	2900	8530	10200	
			kcal/h		730	2150	2580	730	2150	2580	
	Running Current		A		—	2.75	—	—	2.65	—	
	Input Power		W		240	550	740	240	550	740	
	Annual Consumption		kWh		—	275	—	—	275	—	
	EER		W/W		3.54	4.55	4.05	3.54	4.55	4.05	
			BTU/hW		12.08	15.51	13.78	12.08	15.51	13.78	
			kcal/hW		3.04	3.91	3.49	3.04	3.91	3.49	
	ErP	Pdesign		kW		2.5					
		SEER		(W/W)		5.8					
		Annual Consumption		kWh		151					
		Class				A+					
	Power Factor			%		—	91	—	—	90	—
	Indoor Noise (H / L / QLo)			dB-A		34 / 26 / 23			34 / 26 / 23		
				Power Level dB		50 / — / —			50 / — / —		
	Outdoor Noise (H / L / QLo)			dB-A		45 / — / —			45 / — / —		
				Power Level dB		60 / — / —			60 / — / —		
Heating	Capacity		kW		0.85	3.20	4.80	0.85	3.20	4.80	
			BTU/h		2900	10900	16400	2900	10900	16400	
			kcal/h		730	2750	4130	730	2750	4130	
	Running Current		A		—	4.00	—	—	3.85	—	
	Input Power		W		230	800	1.35k	230	800	1.35k	
	COP		W/W		3.70	4.00	3.56	3.70	4.00	3.56	
			BTU/hW		12.61	13.63	12.15	12.61	13.63	12.15	
			kcal/hW		3.17	3.44	3.06	3.17	3.44	3.06	
	ErP	Pdesign		kW		2.7					
		Tbivalent		°C		-10					
		SCOP		(W/W)		4.0					
		Annual Consumption		kWh		945					
		Class				A+					
	Power Factor			%		—	91	—	—	90	—
	Indoor Noise (H / L / QLo)			dB-A		35 / 28 / 25			35 / 28 / 25		
				Power Level dB		51 / — / —			51 / — / —		
	Outdoor Noise (H / L / QLo)			dB-A		46 / — / —			46 / — / —		
				Power Level dB		61 / — / —			61 / — / —		
※3 Low Temp. : Capacity (kW) / I. Power (W) / COP					3.48 / 1.19k / 2.92						
※4 Extr Low Temp. : Capacity (kW) / I. Power (W) / COP					2.88 / 1.21k / 2.38						
Max Current (A) / Max Input Power (W)					8.00 / 1.75k						
Starting Current (A)					4.00						

Model			Indoor	CS-E9PB4EA		
			Outdoor	CU-E9PB4EA		
Compressor	Type			Hermetic Motor (Rotary)		
	Motor Type			Brushless (4 poles)		
	Output Power		W	900		
Indoor Fan	Type			SIROCCO FAN		
	Material			ABS		
	Motor Type			DC / Transistor (8-poles)		
	Input Power		W	—		
	Output Power		W	40		
	Speed	QLo	Cool	rpm	330	
			Heat	rpm	410	
		Lo	Cool	rpm	370	
			Heat	rpm	440	
		Me	Cool	rpm	460	
			Heat	rpm	510	
		Hi	Cool	rpm	560	
			Heat	rpm	580	
		SHi	Cool	rpm	600	
			Heat	rpm	630	
Outdoor Fan	Type			Propeller Fan		
	Material			PP		
	Motor Type			DC (8-poles)		
	Input Power		W	—		
	Output Power		W	40		
	Speed	Hi	Cool	rpm	840	
			Heat	rpm	760	
Moisture Removal			L/h (Pt/h)	1.5 (3.2)		
Indoor Airflow	QLo	Cool	m³/min (ft³/min)	6.7 (240)		
		Heat	m³/min (ft³/min)	8.0 (280)		
	Lo	Cool	m³/min (ft³/min)	7.3 (260)		
		Heat	m³/min (ft³/min)	8.5 (300)		
	Me	Cool	m³/min (ft³/min)	8.8 (310)		
		Heat	m³/min (ft³/min)	9.7 (340)		
	Hi	Cool	m³/min (ft³/min)	10.5 (370)		
		Heat	m³/min (ft³/min)	10.8 (380)		
	SHi	Cool	m³/min (ft³/min)	11.2 (400)		
		Heat	m³/min (ft³/min)	11.7 (410)		
Outdoor Airflow	Hi	Cool	m³/min (ft³/min)	30.5 (1075)		
		Heat	m³/min (ft³/min)	28.9 (1020)		
Refrigeration Cycle	Control Device			Expansion Valve		
	Refrigerant Oil		cm³	FV50S (450)		
	Refrigerant Type		g (oz)	R410A, 1.13k (39.9)		
Dimension	Height (I/D / O/D / PANEL)		mm (inch)	260 (10-1/4) / 622 (24-1/2) / 51 (2-1/32)		
	Width (I/D / O/D / PANEL)		mm (inch)	575 (22-21/32) / 824 (32-15/32) / 700 (27-9/16)		
	Depth (I/D / O/D / PANEL)		mm (inch)	575 (22-21/32) / 299 (11-25/32) / 700 (27-9/16)		
Weight	Net (I/D / O/D / PANEL)		kg (lb)	18 (40) / 36 (79) / 2.5 (6)		

Model		Indoor	CS-E9PB4EA	
		Outdoor	CU-E9PB4EA	
Piping	Pipe Diameter (Liquid / Gas)	mm (inch)	6.35 (1/4) / 9.52 (3/8)	
	Standard length	m (ft)	5.0 (16.4)	
	Length range (min – max)	m (ft)	3 (9.8) ~ 20 (65.6)	
	I/D & O/D Height different	m (ft)	15.0 (49.2)	
	Additional Gas Amount	g/m (oz/ft)	20 (0.2)	
	Length for Additional Gas	m (ft)	7.5 (24.6)	
Drain Hose	Inner Diameter	mm	30	
	Length	mm	193	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Slit Fin	
	Row × Stage × FPI		2 × 10 × 18	
	Size (W × H × L)	mm	1330:1270 × 210 × 25.4	
Outdoor Heat Exchanger	Fin Material		Aluminium	
	Fin Type		Corrugated Fin	
	Row × Stage × FPI		2 × 28 × 17	
	Size (W × H × L)	mm	36.4 × 588 × 606.6	
Air Filter	Material		–	
	Type		–	
Power Supply			Outdoor	
Power Supply Cord		A	Nil	
Thermostat			Electronic Contol	
Protection Device			Electronic Contol	
			Dry Bulb	Wet Bulb
Indoor Operation Range	Cooling	Maximum °C	32	23
		Minimum °C	16	11
	Heating	Maximum °C	30	–
		Minimum °C	16	–
Outdoor Operation Range	Cooling	Maximum °C	43	26
		Minimum °C	-10	–
	Heating	Maximum °C	24	18
		Minimum °C	-10	–

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb)
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb)
- ※3 Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C
- ※4 Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C
- Standby power consumption ≤0.7W (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.

Model			Indoor		CS-E12PB4EA						
			Outdoor		CU-E12PB4EA						
Performance Test Condition					EUROVENT						
Power Supply			Phase, Hz		Single, 50						
			V		220			230			
					Min.	Mid.	Max.	Min.	Mid.	Max.	
Cooling	Capacity		kW		0.85	3.40	4.00	0.85	3.40	4.00	
			BTU/h		2900	11600	13600	2900	11600	13600	
			kcal/h		730	2920	3440	730	2920	3440	
	Running Current		A		—	4.40	—	—	4.20	—	
	Input Power		W		240	890	1.20k	240	890	1.20k	
	Annual Consumption		kWh		—	445	—	—	445	—	
	EER		W/W		3.54	3.82	3.33	3.54	3.82	3.33	
			BTU/hW		12.08	13.03	11.33	12.08	13.03	11.33	
			kcal/hW		3.04	3.28	2.87	3.04	3.28	2.87	
	ErP	Pdesign		kW		3.4					
		SEER		(W/W)		5.6					
		Annual Consumption		kWh		213					
		Class				A+					
	Power Factor		%		—	92	—	—	92	—	
	Indoor Noise (H / L / QLo)		dB-A		34 / 26 / 23			34 / 26 / 23			
			Power Level dB		50 / — / —			50 / — / —			
	Outdoor Noise (H / L / QLo)		dB-A		45 / — / —			45 / — / —			
			Power Level dB		60 / — / —			60 / — / —			
Heating	Capacity		kW		0.85	4.50	5.60	0.85	4.50	5.60	
			BTU/h		2900	15300	19100	2900	15300	19100	
			kcal/h		730	3870	4820	730	3870	4820	
	Running Current		A		—	6.70	—	—	6.50	—	
	Input Power		W		230	1.42k	2.00k	230	1.42k	2.00k	
	COP		W/W		3.70	3.17	2.80	3.70	3.17	2.80	
			BTU/hW		12.61	10.77	9.55	12.61	10.77	9.55	
			kcal/hW		3.17	2.73	2.41	3.17	2.73	2.41	
	ErP	Pdesign		kW		3.0					
		Tbivalent		°C		-10					
		SCOP		(W/W)		3.8					
		Annual Consumption		kWh		1105					
		Class				A					
	Power Factor		%		—	96	—	—	95	—	
	Indoor Noise (H / L / QLo)		dB-A		35 / 28 / 25			35 / 28 / 25			
			Power Level dB		51 / — / —			51 / — / —			
	Outdoor Noise (H / L / QLo)		dB-A		47 / — / —			47 / — / —			
			Power Level dB		62 / — / —			62 / — / —			
※3 Low Temp. : Capacity (kW) / I. Power (W) / COP					4.06 / 1.77k / 2.29						
※4 Extr Low Temp. : Capacity (kW) / I. Power (W) / COP					3.37 / 1.66k / 2.03						
Max Current (A) / Max Input Power (W)					9.20 / 2.00k						
Starting Current (A)					6.70						

Model			Indoor		CS-E12PB4EA	
			Outdoor		CU-E12PB4EA	
Compressor	Type				Hermetic Motor (Rotary)	
	Motor Type				Brushless (4 poles)	
	Output Power		W		900	
Indoor Fan	Type				SIROCCO FAN	
	Material				ABS	
	Motor Type				DC / Transistor (8-poles)	
	Input Power		W		—	
	Output Power		W		40	
	Speed	QLo	Cool	rpm	330	
			Heat	rpm	410	
		Lo	Cool	rpm	370	
			Heat	rpm	460	
		Me	Cool	rpm	460	
			Heat	rpm	530	
		Hi	Cool	rpm	560	
			Heat	rpm	600	
		SHi	Cool	rpm	600	
			Heat	rpm	650	
Outdoor Fan	Type				Propeller Fan	
	Material				PP	
	Motor Type				DC (8-poles)	
	Input Power		W		—	
	Output Power		W		40	
	Speed	Hi	Cool	rpm	600	
			Heat	rpm	560	
Moisture Removal			L/h (Pt/h)		2.0 (4.2)	
Indoor Airflow	QLo	Cool	m³/min (ft³/min)		6.7 (240)	
		Heat	m³/min (ft³/min)		8.0 (280)	
	Lo	Cool	m³/min (ft³/min)		7.3 (260)	
		Heat	m³/min (ft³/min)		8.8 (310)	
	Me	Cool	m³/min (ft³/min)		8.8 (310)	
		Heat	m³/min (ft³/min)		10.0 (350)	
	Hi	Cool	m³/min (ft³/min)		10.5 (370)	
		Heat	m³/min (ft³/min)		10.8 (380)	
	SHi	Cool	m³/min (ft³/min)		11.2 (400)	
		Heat	m³/min (ft³/min)		12.0 (420)	
Outdoor Airflow	Hi	Cool	m³/min (ft³/min)		33.0 (1165)	
		Heat	m³/min (ft³/min)		30.6 (1080)	
Refrigeration Cycle	Control Device				Expansion Valve	
	Refrigerant Oil		cm³		FV50S (450)	
	Refrigerant Type		g (oz)		R410A, 1.13k (39.9)	
Dimension	Height (I/D / O/D / PANEL)		mm (inch)		260 (10-1/4) / 695 (27-3/8) / 51 (2-1/32)	
	Width (I/D / O/D / PANEL)		mm (inch)		575 (22-21/32) / 875 (34-15/32) / 700 (27-9/16)	
	Depth (I/D / O/D / PANEL)		mm (inch)		575 (22-21/32) / 320 (12-5/8) / 700 (27-9/16)	
Weight	Net (I/D / O/D) / PANEL		kg (lb)		18 (40) / 45 (99) / 2.5 (6)	

Model		Indoor	CS-E12PB4EA	
		Outdoor	CU-E12PB4EA	
Piping	Pipe Diameter (Liquid / Gas)	mm (inch)	6.35 (1/4) / 9.52 (3/8)	
	Standard length	m (ft)	5.0 (16.4)	
	Length range (min – max)	m (ft)	3 (9.8) ~ 20 (65.6)	
	I/D & O/D Height different	m (ft)	15.0 (49.2)	
	Additional Gas Amount	g/m (oz/ft)	20 (0.2)	
	Length for Additional Gas	m (ft)	7.5 (24.6)	
Drain Hose	Inner Diameter	mm	30	
	Length	mm	193	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Slit Fin	
	Row × Stage × FPI		2 × 10 × 18	
	Size (W × H × L)	mm	1330:1270 × 210 × 25.4	
Outdoor Heat Exchanger	Fin Material		Aluminium	
	Fin Type		Corrugated Fin	
	Row × Stage × FPI		2 × 31 × 17	
	Size (W × H × L)	mm	36.4 × 651 × 640	
Air Filter	Material		–	
	Type		–	
Power Supply			Outdoor	
Power Supply Cord		A	Nil	
Thermostat			Electronic Contol	
Protection Device			Electronic Contol	
			Dry Bulb	Wet Bulb
Indoor Operation Range	Cooling	Maximum °C	32	23
		Minimum °C	16	11
	Heating	Maximum °C	30	–
		Minimum °C	16	–
Outdoor Operation Range	Cooling	Maximum °C	43	26
		Minimum °C	-10	–
	Heating	Maximum °C	24	18
		Minimum °C	-10	–

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb)
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb)
- ※3 Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C
- ※4 Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C
- Standby power consumption ≤0.7W (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.

• **Multi Split Combination Possibility:**

- A single outdoor unit enables air conditioning of up to two separate rooms for CU-2E15PBE, CU-2E18PBE.
- A single outdoor unit enables air conditioning of up to three separate rooms for CU-3E18PBE.
- A single outdoor unit enables air conditioning of up to four separate rooms for CU-4E23PBE.
- A single outdoor unit enables air conditioning of up to four separate rooms for CU-4E27PBE.
- A single outdoor unit enables air conditioning of up to five separate rooms for CU-5E34PBE.

CONNECTABLE INDOOR UNIT			OUTDOOR UNIT										
			CU-2E15PBE		CU-2E18PBE		CU-3E18PBE			CU-4E23PBE			
Type/ROOM			A	B	A	B	A	B	C	A	B	C	D
Wall	1.6kW	CS-ME5PKE	●	●	●	●	●	●	●	●	●	●	●
	2.0kW	CS-E7PKEW CS-XE7PKEW	●	●	●	●	●	●	●	●	●	●	●
	2.5kW	CS-E9PKEW CS-XE9PKEW CS-ME9PD3EA CS-ME9PB4EA CS-E9GFEW CS-E9GFEW-2 CS-E9PD3EA CS-E9PB4EA	●	●	●	●	●	●	●	●	●	●	●
	3.2kW	CS-E12PKEW CS-XE12PKEW CS-ME12PD3EA CS-ME12PB4EA CS-E12GFEW CS-E12GFEW-2 CS-E12PD3EA CS-E12PB4EA	●	●	●	●	●	●	●	●	●	●	●
	4.0kW	CS-E15PKEW CS-XE15PKEW	—	—	—	—	●	●	●	●	●	●	●
	5.0kW	CS-E18PKEW CS-XE18PKEW CS-ME18PD3EA CS-ME18PB4EA CS-E18GFEW CS-E18GFEW-2	—	—	—	—	●	●	●	●	●	●	●
	6.0kW	CS-E21PKEW CS-XE21PKEW CS-ME21PB4EA	—	—	—	—	—	—	—	●	●	●	●
	Capacity range of connectable indoor units		From 3.2kW to 5.6kW		From 3.2kW to 6.4kW		From 4.5kW to 9.0kW			From 4.5kW to 11.0 kW			
Pipe length	1 room maximum pipe length (m)		20		20		25			25			
	Allowable elevation (m)		10		10		15			15			
	Total allowable pipe length (m)		30		30		50			60			
	Total pipe length for maximum chargeless length (m)		20		20		30			30			
	Additional gas amount over chargeless length (g/m)		15		15		20			20			
Note: “●” : Available													
Remarks for CU-2E15PBE / CU-2E18PBE 1. At least two indoor units must be connected. 2. The total nominal cooling capacity of indoor units that will be connected to outdoor unit must be within connectable capacity range of indoor unit. (as shown in the table above) Example: The indoor units' combination below is possible to connect to CU-2E15PBE. (Total nominal capacity of indoor units is between 3.2kW to 5.6kW) 1) Two CS-E7PKEW only (Total nominal cooling capacity is 4.0kW) 2) One CS-E7PKEW and one CS-E9PKEW. (Total nominal cooling capacity is 4.5kW)													
Remarks for CU-3E18PBE / CU-4E23PBE 1. At least two indoor units must be connected. 2. The total nominal cooling capacity of indoor units that will be connected to outdoor unit must be within connectable capacity range of indoor unit. (as shown in the table above) Example: The indoor units' combination below is possible to connect to CU-3E18PBE. (Total nominal capacity of indoor units is between 4.5kW to 9.0kW) 1) Two CS-E9PKEW only (Total nominal cooling capacity is 5.0kW) 2) Three CS-E12PKEW. (Total nominal cooling capacity is 9.6kW)													

CONNECTABLE INDOOR UNIT			OUTDOOR UNIT											
			CU-4E27PBE				CU-5E34PBE							
Type/ROOM			A	B	C	D	A	B	C	D	E			
Wall	2.0kW	CS-E7PKEW CS-XE7PKEW	●	●	●	●	●	●	●	●	●			
	2.5kW	CS-E9PKEW CS-XE9PKEW CS-ME9PD3EA CS-ME9PB4EA CS-E9GFEW CS-E9GFEW-2 CS-E9PD3EA CS-E9PB4EA	●	●	●	●	●	●	●	●	●			
		3.2kW	CS-E12PKEW CS-XE12PKEW CS-ME12PD3EA CS-ME12PB4EA CS-E12GFEW CS-E12GFEW-2 CS-E12PD3EA CS-E12PB4EA	●	●	●	●	●	●	●	●	●		
			4.0kW	CS-E15PKEW CS-XE15PKEW	●	●	●	●	●	●	●	●	●	
			5.0kW	CS-E18PKEW CS-XE18PKEW CS-ME18PD3EA CS-ME18PB4EA CS-E18GFEW CS-E18GFEW-2	●	●	●	●	●	●	●	●	●	
				6.0kW	CS-E21PKEW CS-XE21PKEW CS-ME21PB4EA	●	●	●	●	●	●	●	●	●
					7.0kW	CS-E24PKEW	●	●	●	●	●	●	●	●
	Capacity range of connectable indoor units			From 4.5kW to 13.6kW				From 4.5kW to 17.5 kW						
Pipe length	1 room maximum pipe length (m)		25				25							
	Allowable elevation (m)		15				15							
	Total allowable pipe length (m)		70				80							
	Total pipe length for maximum chargeless length (m)		45				45							
	Additional gas amount over chargeless length (g/m)		20				20							
Note: “●” : Available														
Remarks for CU-4E27PBE / CU-5E34PBE 1. At least two indoor units must be connected. 2. The total nominal cooling capacity of indoor units that will be connected to outdoor unit must be within connectable capacity range of indoor unit. (as shown in the table above) Example: The indoor units' combination below is possible to connect to CU-4E27PBE. (Total nominal capacity of indoor units is between 4.5kW to 13.6kW) 1) Two CS-E9PKEW only (Total nominal cooling capacity is 5.0kW) 2) Three CS-E12PKEW. (Total nominal cooling capacity is 9.6kW)														

- Indoor Unit : CS-ME5PKE, CS-E7/9/12PKEW, CS-E9/12GFEW, CS-ME9/12PB4EA, CS-ME9/12PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-2E15PBE

2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6	3.2	1.6	1.6
1.6 + 2.0	3.6	2.0	2.0
1.6 + 2.5	4.1	2.5	2.5
1.6 + 2.8	4.4	2.8	2.8
1.6 + 3.2	4.8	3.2	3.2
2.0 + 2.0	4.0		
2.0 + 2.5	4.5		
2.0 + 2.8	4.8		
2.0 + 3.2	5.2		
2.5 + 2.5	5.0		
2.5 + 2.8	5.3		
2.8 + 2.8	5.6		

- Indoor Unit : CS-ME5PKE, CS-E7/9/12PKEW, CS-E9/12GFEW, CS-ME9/12PB4EA, CS-ME9/12PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-2E18PBE

2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6	3.2	1.6	1.6
1.6 + 2.0	3.6	2.0	2.0
1.6 + 2.5	4.1	2.5	2.5
1.6 + 2.8	4.4	2.8	2.8
1.6 + 3.2	4.8	3.2	3.2
2.0 + 2.0	4.0		
2.0 + 2.5	4.5		
2.0 + 2.8	4.8		
2.0 + 3.2	5.2		
2.5 + 2.5	5.0		
2.5 + 2.8	5.3		
2.5 + 3.2	5.7		
2.8 + 2.8	5.6		
2.8 + 3.2	6.0		
3.2 + 3.2	6.4		

- Indoor Unit : CS-ME5PKE, CS-E7/9/12/15/18PKEW, CS-E9/12/18GFEW, CS-ME9/12/18PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-3E18PBE

3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6 + 1.6	4.8	1.6 + 3.2	4.8	1.6	1.6
1.6 + 1.6 + 2.0	5.2	1.6 + 4.0	5.6	2.0	2.0
1.6 + 1.6 + 2.5	5.7	1.6 + 5.0	6.6	2.5	2.5
1.6 + 1.6 + 2.8	6.0	2.0 + 2.5	4.5	2.8	2.8
1.6 + 1.6 + 3.2	6.4	2.0 + 2.8	4.8	3.2	3.2
1.6 + 1.6 + 4.0	7.2	2.0 + 3.2	5.2	4.0	4.0
1.6 + 1.6 + 5.0	8.2	2.0 + 4.0	6.0	5.0	5.0
1.6 + 2.0 + 2.0	5.6	2.0 + 5.0	7.0		
1.6 + 2.0 + 2.5	6.1	2.5 + 2.5	5.0		
1.6 + 2.0 + 2.8	6.4	2.5 + 2.8	5.3		
1.6 + 2.0 + 3.2	6.8	2.5 + 3.2	5.7		
1.6 + 2.0 + 4.0	7.6	2.5 + 4.0	6.5		
1.6 + 2.0 + 5.0	8.6	2.5 + 5.0	7.5		
1.6 + 2.5 + 2.5	6.6	2.8 + 2.8	5.6		
1.6 + 2.5 + 2.8	6.9	2.8 + 3.2	6.0		
1.6 + 2.5 + 3.2	7.3	2.8 + 4.0	6.8		
1.6 + 2.5 + 4.0	8.1	2.8 + 5.0	7.8		
1.6 + 2.8 + 2.8	7.2	3.2 + 3.2	6.4		
1.6 + 2.8 + 3.2	7.6	3.2 + 4.0	7.2		
1.6 + 2.8 + 4.0	8.4	3.2 + 5.0	8.2		
1.6 + 3.2 + 3.2	8.0	4.0 + 4.0	8.0		
1.6 + 3.2 + 4.0	8.8	4.0 + 5.0	9.0		
2.0 + 2.0 + 2.0	6.0				
2.0 + 2.0 + 2.5	6.5				
2.0 + 2.0 + 2.8	6.8				
2.0 + 2.0 + 3.2	7.2				
2.0 + 2.0 + 4.0	8.0				
2.0 + 2.0 + 5.0	9.0				
2.0 + 2.5 + 2.5	7.0				
2.0 + 2.5 + 2.8	7.3				
2.0 + 2.5 + 3.2	7.7				
2.0 + 2.5 + 4.0	8.5				
2.0 + 2.8 + 2.8	7.6				
2.0 + 2.8 + 3.2	8.0				
2.0 + 2.8 + 4.0	8.8				
2.0 + 3.2 + 3.2	8.4				
2.5 + 2.5 + 2.5	7.5				
2.5 + 2.5 + 2.8	7.8				
2.5 + 2.5 + 3.2	8.2				
2.5 + 2.5 + 4.0	9.0				
2.5 + 2.8 + 2.8	8.1				
2.5 + 2.8 + 3.2	8.5				
2.5 + 3.2 + 3.2	8.9				
2.8 + 2.8 + 2.8	8.4				
2.8 + 2.8 + 3.2	8.8				

- Indoor Unit : CS-ME5PKE, CS-E7/9/12/15/18/21PKEW, CS-E9/12/18GFEW, CS-ME9/12/18/21PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-4E23PBE

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6 + 1.6 + 1.6	6.4	1.6 + 1.6 + 1.6	4.8	1.6 + 3.2	4.8	1.6	1.6
1.6 + 1.6 + 1.6 + 2.0	6.8	1.6 + 1.6 + 2.0	5.2	1.6 + 4.0	5.6	2.0	2.0
1.6 + 1.6 + 1.6 + 2.5	7.3	1.6 + 1.6 + 2.5	5.7	1.6 + 5.0	6.6	2.5	2.5
1.6 + 1.6 + 1.6 + 2.8	7.6	1.6 + 1.6 + 2.8	6.0	1.6 + 6.0	7.6	2.8	2.8
1.6 + 1.6 + 1.6 + 3.2	8.0	1.6 + 1.6 + 3.2	6.4	2.0 + 2.5	4.5	3.2	3.2
1.6 + 1.6 + 1.6 + 4.0	8.8	1.6 + 1.6 + 4.0	7.2	2.0 + 2.8	4.8	4.0	4.0
1.6 + 1.6 + 1.6 + 5.0	9.8	1.6 + 1.6 + 5.0	8.2	2.0 + 3.2	5.2	5.0	5.0
1.6 + 1.6 + 1.6 + 6.0	10.8	1.6 + 1.6 + 6.0	9.2	2.0 + 4.0	6.0	6.0	6.0
1.6 + 1.6 + 2.0 + 2.0	7.2	1.6 + 2.0 + 2.0	5.6	2.0 + 5.0	7.0		
1.6 + 1.6 + 2.0 + 2.5	7.7	1.6 + 2.0 + 2.5	6.1	2.0 + 6.0	8.0		
1.6 + 1.6 + 2.0 + 2.8	8.0	1.6 + 2.0 + 2.8	6.4	2.5 + 2.5	5.0		
1.6 + 1.6 + 2.0 + 3.2	8.4	1.6 + 2.0 + 3.2	6.8	2.5 + 2.8	5.3		
1.6 + 1.6 + 2.0 + 4.0	9.2	1.6 + 2.0 + 4.0	7.6	2.5 + 3.2	5.7		
1.6 + 1.6 + 2.0 + 5.0	10.2	1.6 + 2.0 + 5.0	8.6	2.5 + 4.0	6.5		
1.6 + 1.6 + 2.5 + 2.5	8.2	1.6 + 2.0 + 6.0	9.6	2.5 + 5.0	7.5		
1.6 + 1.6 + 2.5 + 2.8	8.5	1.6 + 2.5 + 2.5	6.6	2.5 + 6.0	8.5		
1.6 + 1.6 + 2.5 + 3.2	8.9	1.6 + 2.5 + 2.8	6.9	2.8 + 2.8	5.6		
1.6 + 1.6 + 2.5 + 4.0	9.7	1.6 + 2.5 + 3.2	7.3	2.8 + 3.2	6.0		
1.6 + 1.6 + 2.5 + 5.0	10.7	1.6 + 2.5 + 4.0	8.1	2.8 + 4.0	6.8		
1.6 + 1.6 + 2.8 + 2.8	8.8	1.6 + 2.5 + 5.0	9.1	2.8 + 5.0	7.8		
1.6 + 1.6 + 2.8 + 3.2	9.2	1.6 + 2.5 + 6.0	10.1	2.8 + 6.0	8.8		
1.6 + 1.6 + 2.8 + 4.0	10.0	1.6 + 2.8 + 2.8	7.2	3.2 + 3.2	6.4		
1.6 + 1.6 + 2.8 + 5.0	11.0	1.6 + 2.8 + 3.2	7.6	3.2 + 4.0	7.2		
1.6 + 1.6 + 3.2 + 3.2	9.6	1.6 + 2.8 + 4.0	8.4	3.2 + 5.0	8.2		
1.6 + 1.6 + 3.2 + 4.0	10.4	1.6 + 2.8 + 5.0	9.4	3.2 + 6.0	9.2		
1.6 + 2.0 + 2.0 + 2.0	7.6	1.6 + 2.8 + 6.0	10.4	4.0 + 4.0	8.0		
1.6 + 2.0 + 2.0 + 2.5	8.1	1.6 + 3.2 + 3.2	8.0	4.0 + 5.0	9.0		
1.6 + 2.0 + 2.0 + 2.8	8.4	1.6 + 3.2 + 4.0	8.8	4.0 + 6.0	10.0		
1.6 + 2.0 + 2.0 + 3.2	8.8	1.6 + 3.2 + 5.0	9.8	5.0 + 5.0	10.0		
1.6 + 2.0 + 2.0 + 4.0	9.6	1.6 + 3.2 + 6.0	10.8	5.0 + 6.0	11.0		
1.6 + 2.0 + 2.0 + 5.0	10.6	1.6 + 4.0 + 4.0	9.6				
1.6 + 2.0 + 2.5 + 2.5	8.6	1.6 + 4.0 + 5.0	10.6				
1.6 + 2.0 + 2.5 + 2.8	8.9	2.0 + 2.0 + 2.0	6.0				
1.6 + 2.0 + 2.5 + 3.2	9.3	2.0 + 2.0 + 2.5	6.5				
1.6 + 2.0 + 2.5 + 4.0	10.1	2.0 + 2.0 + 2.8	6.8				
1.6 + 2.0 + 2.8 + 2.8	9.2	2.0 + 2.0 + 3.2	7.2				
1.6 + 2.0 + 2.8 + 3.2	9.6	2.0 + 2.0 + 4.0	8.0				
1.6 + 2.0 + 2.8 + 4.0	10.4	2.0 + 2.0 + 5.0	9.0				
1.6 + 2.0 + 3.2 + 3.2	10.0	2.0 + 2.0 + 6.0	10.0				
1.6 + 2.0 + 3.2 + 4.0	10.8	2.0 + 2.5 + 2.5	7.0				
1.6 + 2.5 + 2.5 + 2.5	9.1	2.0 + 2.5 + 2.8	7.3				
1.6 + 2.5 + 2.5 + 2.8	9.4	2.0 + 2.5 + 3.2	7.7				
1.6 + 2.5 + 2.5 + 3.2	9.8	2.0 + 2.5 + 4.0	8.5				
1.6 + 2.5 + 2.5 + 4.0	10.6	2.0 + 2.5 + 5.0	9.5				
1.6 + 2.5 + 2.8 + 2.8	9.7	2.0 + 2.5 + 6.0	10.5				
1.6 + 2.5 + 2.8 + 3.2	10.1	2.0 + 2.8 + 2.8	7.6				
1.6 + 2.5 + 2.8 + 4.0	10.9	2.0 + 2.8 + 3.2	8.0				
1.6 + 2.5 + 3.2 + 3.2	10.5	2.0 + 2.8 + 4.0	8.8				
1.6 + 2.8 + 2.8 + 2.8	10.0	2.0 + 2.8 + 5.0	9.8				
1.6 + 2.8 + 2.8 + 3.2	10.4	2.0 + 2.8 + 6.0	10.8				
1.6 + 2.8 + 3.2 + 3.2	10.8	2.0 + 3.2 + 3.2	8.4				
2.0 + 2.0 + 2.0 + 2.0	8.0	2.0 + 3.2 + 4.0	9.2				
2.0 + 2.0 + 2.0 + 2.5	8.5	2.0 + 3.2 + 5.0	10.2				
2.0 + 2.0 + 2.0 + 2.8	8.8	2.0 + 4.0 + 4.0	10.0				
2.0 + 2.0 + 2.0 + 3.2	9.2	2.0 + 4.0 + 5.0	11.0				
2.0 + 2.0 + 2.0 + 4.0	10.0	2.5 + 2.5 + 2.5	7.5				
2.0 + 2.0 + 2.0 + 5.0	11.0	2.5 + 2.5 + 2.8	7.8				
2.0 + 2.0 + 2.5 + 2.5	9.0	2.5 + 2.5 + 3.2	8.2				

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.0 + 2.0 + 2.5 + 2.8	9.3	2.5 + 2.5 + 4.0	9.0				
2.0 + 2.0 + 2.5 + 3.2	9.7	2.5 + 2.5 + 5.0	10.0				
2.0 + 2.0 + 2.5 + 4.0	10.5	2.5 + 2.5 + 6.0	11.0				
2.0 + 2.0 + 2.8 + 2.8	9.6	2.5 + 2.8 + 2.8	8.1				
2.0 + 2.0 + 2.8 + 3.2	10.0	2.5 + 2.8 + 3.2	8.5				
2.0 + 2.0 + 2.8 + 4.0	10.8	2.5 + 2.8 + 4.0	9.3				
2.0 + 2.0 + 3.2 + 3.2	10.4	2.5 + 2.8 + 5.0	10.3				
2.0 + 2.5 + 2.5 + 2.5	9.5	2.5 + 3.2 + 3.2	8.9				
2.0 + 2.5 + 2.5 + 2.8	9.8	2.5 + 3.2 + 4.0	9.7				
2.0 + 2.5 + 2.5 + 3.2	10.2	2.5 + 3.2 + 5.0	10.7				
2.0 + 2.5 + 2.5 + 4.0	11.0	2.5 + 4.0 + 4.0	10.5				
2.0 + 2.5 + 2.8 + 2.8	10.1	2.8 + 2.8 + 2.8	8.4				
2.0 + 2.5 + 2.8 + 3.2	10.5	2.8 + 2.8 + 3.2	8.8				
2.0 + 2.5 + 3.2 + 3.2	10.9	2.8 + 2.8 + 4.0	9.6				
2.0 + 2.8 + 2.8 + 2.8	10.4	2.8 + 2.8 + 5.0	10.6				
2.0 + 2.8 + 2.8 + 3.2	10.8	2.8 + 3.2 + 3.2	9.2				
2.5 + 2.5 + 2.5 + 2.5	10.0	2.8 + 3.2 + 4.0	10.0				
2.5 + 2.5 + 2.5 + 2.8	10.3	2.8 + 3.2 + 5.0	11.0				
2.5 + 2.5 + 2.5 + 3.2	10.7	2.8 + 4.0 + 4.0	10.8				
2.5 + 2.5 + 2.8 + 2.8	10.6	3.2 + 3.2 + 3.2	9.6				
2.5 + 2.5 + 2.8 + 3.2	11.0	3.2 + 3.2 + 4.0	10.4				
2.5 + 2.8 + 2.8 + 2.8	10.9						

- Indoor Unit : CS-E7/9/12/15/18/21/24PKEW, CS-E9/12/18GFEW, CS-ME9/12/18/21PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-4E27PBE

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.0+2.0+2.0+2.0	8.0	2.0+2.0+2.0	6.0	2.0+2.5	4.5	2.0	2.0
2.0+2.0+2.0+2.5	8.5	2.0+2.0+2.5	6.5	2.0+2.8	4.8	2.5	2.5
2.0+2.0+2.0+2.8	8.8	2.0+2.0+2.8	6.8	2.0+3.2	5.2	2.8	2.8
2.0+2.0+2.0+3.2	9.2	2.0+2.0+3.2	7.2	2.0+4.0	6.0	3.2	3.2
2.0+2.0+2.0+4.0	10.0	2.0+2.0+4.0	8.0	2.0+5.0	7.0	4.0	4.0
2.0+2.0+2.0+5.0	11.0	2.0+2.0+5.0	9.0	2.0+6.0	8.0	5.0	5.0
2.0+2.0+2.0+6.0	12.0	2.0+2.0+6.0	10.0	2.0+7.0	9.0	6.0	6.0
2.0+2.0+2.0+7.0	13.0	2.0+2.0+7.0	11.0	2.5+2.5	5.0	7.0	7.0
2.0+2.0+2.5+2.5	9.0	2.0+2.5+2.5	7.0	2.5+2.8	5.3		
2.0+2.0+2.5+2.8	9.3	2.0+2.5+2.8	7.3	2.5+3.2	5.7		
2.0+2.0+2.5+3.2	9.7	2.0+2.5+3.2	7.7	2.5+4.0	6.5		
2.0+2.0+2.5+4.0	10.5	2.0+2.5+4.0	8.5	2.5+5.0	7.5		
2.0+2.0+2.5+5.0	11.5	2.0+2.5+5.0	9.5	2.5+6.0	8.5		
2.0+2.0+2.5+6.0	12.5	2.0+2.5+6.0	10.5	2.5+7.0	9.5		
2.0+2.0+2.5+7.0	13.5	2.0+2.5+7.0	11.5	2.8+2.8	5.6		
2.0+2.0+2.8+2.8	9.6	2.0+2.8+2.8	7.6	2.8+3.2	6.0		
2.0+2.0+2.8+3.2	10.0	2.0+2.8+3.2	8.0	2.8+4.0	6.8		
2.0+2.0+2.8+4.0	10.8	2.0+2.8+4.0	8.8	2.8+5.0	7.8		
2.0+2.0+2.8+5.0	11.8	2.0+2.8+5.0	9.8	2.8+6.0	8.8		
2.0+2.0+2.8+6.0	12.8	2.0+2.8+6.0	10.8	2.8+7.0	9.8		
2.0+2.0+3.2+3.2	10.4	2.0+2.8+7.0	11.8	3.2+3.2	6.4		
2.0+2.0+3.2+4.0	11.2	2.0+3.2+3.2	8.4	3.2+4.0	7.2		
2.0+2.0+3.2+5.0	12.2	2.0+3.2+4.0	9.2	3.2+5.0	8.2		
2.0+2.0+3.2+6.0	13.2	2.0+3.2+5.0	10.2	3.2+6.0	9.2		
2.0+2.0+4.0+4.0	12.0	2.0+3.2+6.0	11.2	3.2+7.0	10.2		
2.0+2.0+4.0+5.0	13.0	2.0+3.2+7.0	12.2	4.0+4.0	8.0		
2.0+2.5+2.5+2.5	9.5	2.0+4.0+4.0	10.0	4.0+5.0	9.0		
2.0+2.5+2.5+2.8	9.8	2.0+4.0+5.0	11.0	4.0+6.0	10.0		
2.0+2.5+2.5+3.2	10.2	2.0+4.0+6.0	12.0	4.0+7.0	11.0		
2.0+2.5+2.5+4.0	11.0	2.0+4.0+7.0	13.0	5.0+5.0	10.0		
2.0+2.5+2.5+5.0	12.0	2.0+5.0+5.0	12.0	5.0+6.0	11.0		
2.0+2.5+2.5+6.0	13.0	2.0+5.0+6.0	13.0	5.0+7.0	12.0		
2.0+2.5+2.8+2.8	10.1	2.5+2.5+2.5	7.5	6.0+6.0	12.0		
2.0+2.5+2.8+3.2	10.5	2.5+2.5+2.8	7.8	6.0+7.0	13.0		
2.0+2.5+2.8+4.0	11.3	2.5+2.5+3.2	8.2				
2.0+2.5+2.8+5.0	12.3	2.5+2.5+4.0	9.0				
2.0+2.5+2.8+6.0	13.3	2.5+2.5+5.0	10.0				
2.0+2.5+3.2+3.2	10.9	2.5+2.5+6.0	11.0				
2.0+2.5+3.2+4.0	11.7	2.5+2.5+7.0	12.0				
2.0+2.5+3.2+5.0	12.7	2.5+2.8+2.8	8.1				
2.0+2.5+4.0+4.0	12.5	2.5+2.8+3.2	8.5				
2.0+2.5+4.0+5.0	13.5	2.5+2.8+4.0	9.3				
2.0+2.8+2.8+2.8	10.4	2.5+2.8+5.0	10.3				
2.0+2.8+2.8+3.2	10.8	2.5+2.8+6.0	11.3				
2.0+2.8+2.8+4.0	11.6	2.5+2.8+7.0	12.3				
2.0+2.8+2.8+5.0	12.6	2.5+3.2+3.2	8.9				
2.0+2.8+2.8+6.0	13.6	2.5+3.2+4.0	9.7				
2.0+2.8+3.2+3.2	11.2	2.5+3.2+5.0	10.7				
2.0+2.8+3.2+4.0	12.0	2.5+3.2+6.0	11.7				
2.0+2.8+3.2+5.0	13.0	2.5+3.2+7.0	12.7				
2.0+2.8+4.0+4.0	12.8	2.5+4.0+4.0	10.5				
2.0+3.2+3.2+3.2	11.6	2.5+4.0+5.0	11.5				
2.0+3.2+3.2+4.0	12.4	2.5+4.0+6.0	12.5				
2.0+3.2+3.2+5.0	13.4	2.5+4.0+7.0	13.5				
2.0+3.2+4.0+4.0	13.2	2.5+5.0+5.0	12.5				
2.5+2.5+2.5+2.5	10.0	2.5+5.0+6.0	13.5				
2.5+2.5+2.5+2.8	10.3	2.8+2.8+2.8	8.4				
2.5+2.5+2.5+3.2	10.7	2.8+2.8+3.2	8.8				

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.5+2.5+2.5+4.0	11.5	2.8+2.8+4.0	9.6				
2.5+2.5+2.5+5.0	12.5	2.8+2.8+5.0	10.6				
2.5+2.5+2.5+6.0	13.5	2.8+2.8+6.0	11.6				
2.5+2.5+2.8+2.8	10.6	2.8+2.8+7.0	12.6				
2.5+2.5+2.8+3.2	11.0	2.8+3.2+3.2	9.2				
2.5+2.5+2.8+4.0	11.8	2.8+3.2+4.0	10.0				
2.5+2.5+2.8+5.0	12.8	2.8+3.2+5.0	11.0				
2.5+2.5+3.2+3.2	11.4	2.8+3.2+6.0	12.0				
2.5+2.5+3.2+4.0	12.2	2.8+3.2+7.0	13.0				
2.5+2.5+3.2+5.0	13.2	2.8+4.0+4.0	10.8				
2.5+2.5+4.0+4.0	13.0	2.8+4.0+5.0	11.8				
2.5+2.8+2.8+2.8	10.9	2.8+4.0+6.0	12.8				
2.5+2.8+2.8+3.2	11.3	2.8+5.0+5.0	12.8				
2.5+2.8+2.8+4.0	12.1	3.2+3.2+3.2	9.6				
2.5+2.8+2.8+5.0	13.1	3.2+3.2+4.0	10.4				
2.5+2.8+3.2+3.2	11.7	3.2+3.2+5.0	11.4				
2.5+2.8+3.2+4.0	12.5	3.2+3.2+6.0	12.4				
2.5+2.8+3.2+5.0	13.5	3.2+3.2+7.0	13.4				
2.5+2.8+4.0+4.0	13.3	3.2+4.0+4.0	11.2				
2.5+3.2+3.2+3.2	12.1	3.2+4.0+5.0	12.2				
2.5+3.2+3.2+4.0	12.9	3.2+4.0+6.0	13.2				
2.8+2.8+2.8+2.8	11.2	3.2+5.0+5.0	13.2				
2.8+2.8+2.8+3.2	11.6	4.0+4.0+4.0	12.0				
2.8+2.8+2.8+4.0	12.4	4.0+4.0+5.0	13.0				
2.8+2.8+2.8+5.0	13.4						
2.8+2.8+3.2+3.2	12.0						
2.8+2.8+3.2+4.0	12.8						
2.8+2.8+4.0+4.0	13.6						
2.8+3.2+3.2+3.2	12.4						
2.8+3.2+3.2+4.0	13.2						
3.2+3.2+3.2+3.2	12.8						
3.2+3.2+3.2+4.0	13.6						

- Indoor Unit : CS-E7/9/12/15/18/21/24PKEW, CS-E9/12/18GFEW, CS-ME9/12/18/21PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-5E34PBE

5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.0+2.0+2.0+2.0+2.0	10.0	2.0+2.0+2.0+2.0	8.0	2.0+2.0+2.0	6.0	2.0+2.5	4.5	2.0	2.0
2.0+2.0+2.0+2.0+2.5	10.5	2.0+2.0+2.0+2.5	8.5	2.0+2.0+2.5	6.5	2.0+2.8	4.8	2.5	2.5
2.0+2.0+2.0+2.0+2.8	10.8	2.0+2.0+2.0+2.8	8.8	2.0+2.0+2.8	6.8	2.0+3.2	5.2	2.8	2.8
2.0+2.0+2.0+2.0+3.2	11.2	2.0+2.0+2.0+3.2	9.2	2.0+2.0+3.2	7.2	2.0+4.0	6.0	3.2	3.2
2.0+2.0+2.0+2.0+4.0	12.0	2.0+2.0+2.0+4.0	10.0	2.0+2.0+4.0	8.0	2.0+5.0	7.0	4.0	4.0
2.0+2.0+2.0+2.0+5.0	13.0	2.0+2.0+2.0+5.0	11.0	2.0+2.0+5.0	9.0	2.0+6.0	8.0	5.0	5.0
2.0+2.0+2.0+2.0+6.0	14.0	2.0+2.0+2.0+6.0	12.0	2.0+2.0+6.0	10.0	2.0+7.0	9.0	6.0	6.0
2.0+2.0+2.0+2.0+7.0	15.0	2.0+2.0+2.0+7.0	13.0	2.0+2.0+7.0	11.0	2.5+2.5	5.0	7.0	7.0
2.0+2.0+2.0+2.5+2.5	11.0	2.0+2.0+2.5+2.5	9.0	2.0+2.5+2.5	7.0	2.5+2.8	5.3		
2.0+2.0+2.0+2.5+2.8	11.3	2.0+2.0+2.5+2.8	9.3	2.0+2.5+2.8	7.3	2.5+3.2	5.7		
2.0+2.0+2.0+2.5+3.2	11.7	2.0+2.0+2.5+3.2	9.7	2.0+2.5+3.2	7.7	2.5+4.0	6.5		
2.0+2.0+2.0+2.5+4.0	12.5	2.0+2.0+2.5+4.0	10.5	2.0+2.5+4.0	8.5	2.5+5.0	7.5		
2.0+2.0+2.0+2.5+5.0	13.5	2.0+2.0+2.5+5.0	11.5	2.0+2.5+5.0	9.5	2.5+6.0	8.5		
2.0+2.0+2.0+2.5+6.0	14.5	2.0+2.0+2.5+6.0	12.5	2.0+2.5+6.0	10.5	2.5+7.0	9.5		
2.0+2.0+2.0+2.5+7.0	15.5	2.0+2.0+2.5+7.0	13.5	2.0+2.5+7.0	11.5	2.8+2.8	5.6		
2.0+2.0+2.0+2.8+2.8	11.6	2.0+2.0+2.8+2.8	9.6	2.0+2.8+2.8	7.6	2.8+3.2	6.0		
2.0+2.0+2.0+2.8+3.2	12.0	2.0+2.0+2.8+3.2	10.0	2.0+2.8+3.2	8.0	2.8+4.0	6.8		
2.0+2.0+2.0+2.8+4.0	12.8	2.0+2.0+2.8+4.0	10.8	2.0+2.8+4.0	8.8	2.8+5.0	7.8		
2.0+2.0+2.0+2.8+5.0	13.8	2.0+2.0+2.8+5.0	11.8	2.0+2.8+5.0	9.8	2.8+6.0	8.8		
2.0+2.0+2.0+2.8+6.0	14.8	2.0+2.0+2.8+6.0	12.8	2.0+2.8+6.0	10.8	2.8+7.0	9.8		
2.0+2.0+2.0+2.8+7.0	15.8	2.0+2.0+2.8+7.0	13.8	2.0+2.8+7.0	11.8	3.2+3.2	6.4		
2.0+2.0+2.0+3.2+3.2	12.4	2.0+2.0+3.2+3.2	10.4	2.0+3.2+3.2	8.4	3.2+4.0	7.2		
2.0+2.0+2.0+3.2+4.0	13.2	2.0+2.0+3.2+4.0	11.2	2.0+3.2+4.0	9.2	3.2+5.0	8.2		
2.0+2.0+2.0+3.2+5.0	14.2	2.0+2.0+3.2+5.0	12.2	2.0+3.2+5.0	10.2	3.2+6.0	9.2		
2.0+2.0+2.0+3.2+6.0	15.2	2.0+2.0+3.2+6.0	13.2	2.0+3.2+6.0	11.2	3.2+7.0	10.2		
2.0+2.0+2.0+3.2+7.0	16.2	2.0+2.0+3.2+7.0	14.2	2.0+3.2+7.0	12.2	4.0+4.0	8.0		
2.0+2.0+2.0+4.0+4.0	14.0	2.0+2.0+4.0+4.0	12.0	2.0+4.0+4.0	10.0	4.0+5.0	9.0		
2.0+2.0+2.0+4.0+5.0	15.0	2.0+2.0+4.0+5.0	13.0	2.0+4.0+5.0	11.0	4.0+6.0	10.0		
2.0+2.0+2.0+4.0+6.0	16.0	2.0+2.0+4.0+6.0	14.0	2.0+4.0+6.0	12.0	4.0+7.0	11.0		
2.0+2.0+2.0+4.0+7.0	17.0	2.0+2.0+4.0+7.0	15.0	2.0+4.0+7.0	13.0	5.0+5.0	10.0		
2.0+2.0+2.0+5.0+5.0	16.0	2.0+2.0+5.0+5.0	14.0	2.0+5.0+5.0	12.0	5.0+6.0	11.0		
2.0+2.0+2.0+5.0+6.0	17.0	2.0+2.0+5.0+6.0	15.0	2.0+5.0+6.0	13.0	5.0+7.0	12.0		
2.0+2.0+2.5+2.5+2.5	11.5	2.0+2.0+5.0+7.0	16.0	2.0+5.0+7.0	14.0	6.0+6.0	12.0		
2.0+2.0+2.5+2.5+2.8	11.8	2.0+2.0+6.0+6.0	16.0	2.0+6.0+6.0	14.0	6.0+7.0	13.0		
2.0+2.0+2.5+2.5+3.2	12.2	2.0+2.0+6.0+7.0	17.0	2.0+6.0+7.0	15.0	7.0+7.0	14.0		
2.0+2.0+2.5+2.5+4.0	13.0	2.0+2.5+2.5+2.5	9.5	2.0+7.0+7.0	16.0				
2.0+2.0+2.5+2.5+5.0	14.0	2.0+2.5+2.5+2.8	9.8	2.5+2.5+2.5	7.5				
2.0+2.0+2.5+2.5+6.0	15.0	2.0+2.5+2.5+3.2	10.2	2.5+2.5+2.8	7.8				
2.0+2.0+2.5+2.5+7.0	16.0	2.0+2.5+2.5+4.0	11.0	2.5+2.5+3.2	8.2				
2.0+2.0+2.5+2.8+2.8	12.1	2.0+2.5+2.5+5.0	12.0	2.5+2.5+4.0	9.0				
2.0+2.0+2.5+2.8+3.2	12.5	2.0+2.5+2.5+6.0	13.0	2.5+2.5+5.0	10.0				
2.0+2.0+2.5+2.8+4.0	13.3	2.0+2.5+2.5+7.0	14.0	2.5+2.5+6.0	11.0				
2.0+2.0+2.5+2.8+5.0	14.3	2.0+2.5+2.8+2.8	10.1	2.5+2.5+7.0	12.0				
2.0+2.0+2.5+2.8+6.0	15.3	2.0+2.5+2.8+3.2	10.5	2.5+2.8+2.8	8.1				
2.0+2.0+2.5+2.8+7.0	16.3	2.0+2.5+2.8+4.0	11.3	2.5+2.8+3.2	8.5				
2.0+2.0+2.5+3.2+3.2	12.9	2.0+2.5+2.8+5.0	12.3	2.5+2.8+4.0	9.3				
2.0+2.0+2.5+3.2+4.0	13.7	2.0+2.5+2.8+6.0	13.3	2.5+2.8+5.0	10.3				
2.0+2.0+2.5+3.2+5.0	14.7	2.0+2.5+2.8+7.0	14.3	2.5+2.8+6.0	11.3				
2.0+2.0+2.5+3.2+6.0	15.7	2.0+2.5+3.2+3.2	10.9	2.5+2.8+7.0	12.3				
2.0+2.0+2.5+3.2+7.0	16.7	2.0+2.5+3.2+4.0	11.7	2.5+3.2+3.2	8.9				
2.0+2.0+2.5+4.0+4.0	14.5	2.0+2.5+3.2+5.0	12.7	2.5+3.2+4.0	9.7				
2.0+2.0+2.5+4.0+5.0	15.5	2.0+2.5+3.2+6.0	13.7	2.5+3.2+5.0	10.7				
2.0+2.0+2.5+4.0+6.0	16.5	2.0+2.5+3.2+7.0	14.7	2.5+3.2+6.0	11.7				
2.0+2.0+2.5+4.0+7.0	17.5	2.0+2.5+4.0+4.0	12.5	2.5+3.2+7.0	12.7				
2.0+2.0+2.5+5.0+5.0	16.5	2.0+2.5+4.0+5.0	13.5	2.5+4.0+4.0	10.5				
2.0+2.0+2.5+5.0+6.0	17.5	2.0+2.5+4.0+6.0	14.5	2.5+4.0+5.0	11.5				
2.0+2.0+2.8+2.8+2.8	12.4	2.0+2.5+4.0+7.0	15.5	2.5+4.0+6.0	12.5				

5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)
2.0+2.0+2.8+2.8+3.2	12.8	2.0+2.5+5.0+5.0	14.5	2.5+4.0+7.0	13.5				
2.0+2.0+2.8+2.8+4.0	13.6	2.0+2.5+5.0+6.0	15.5	2.5+5.0+5.0	12.5				
2.0+2.0+2.8+2.8+5.0	14.6	2.0+2.5+5.0+7.0	16.5	2.5+5.0+6.0	13.5				
2.0+2.0+2.8+2.8+6.0	15.6	2.0+2.5+6.0+6.0	16.5	2.5+5.0+7.0	14.5				
2.0+2.0+2.8+2.8+7.0	16.6	2.0+2.5+6.0+7.0	17.5	2.5+6.0+6.0	14.5				
2.0+2.0+2.8+3.2+3.2	13.2	2.0+2.8+2.8+2.8	10.4	2.5+6.0+7.0	15.5				
2.0+2.0+2.8+3.2+4.0	14.0	2.0+2.8+2.8+3.2	10.8	2.5+7.0+7.0	16.5				
2.0+2.0+2.8+3.2+5.0	15.0	2.0+2.8+2.8+4.0	11.6	2.8+2.8+2.8	8.4				
2.0+2.0+2.8+3.2+6.0	16.0	2.0+2.8+2.8+5.0	12.6	2.8+2.8+3.2	8.8				
2.0+2.0+2.8+3.2+7.0	17.0	2.0+2.8+2.8+6.0	13.6	2.8+2.8+4.0	9.6				
2.0+2.0+2.8+4.0+4.0	14.8	2.0+2.8+2.8+7.0	14.6	2.8+2.8+5.0	10.6				
2.0+2.0+2.8+4.0+5.0	15.8	2.0+2.8+3.2+3.2	11.2	2.8+2.8+6.0	11.6				
2.0+2.0+2.8+4.0+6.0	16.8	2.0+2.8+3.2+4.0	12.0	2.8+2.8+7.0	12.6				
2.0+2.0+2.8+5.0+5.0	16.8	2.0+2.8+3.2+5.0	13.0	2.8+3.2+3.2	9.2				
2.0+2.0+3.2+3.2+3.2	13.6	2.0+2.8+3.2+6.0	14.0	2.8+3.2+4.0	10.0				
2.0+2.0+3.2+3.2+4.0	14.4	2.0+2.8+3.2+7.0	15.0	2.8+3.2+5.0	11.0				
2.0+2.0+3.2+3.2+5.0	15.4	2.0+2.8+4.0+4.0	12.8	2.8+3.2+6.0	12.0				
2.0+2.0+3.2+3.2+6.0	16.4	2.0+2.8+4.0+5.0	13.8	2.8+3.2+7.0	13.0				
2.0+2.0+3.2+3.2+7.0	17.4	2.0+2.8+4.0+6.0	14.8	2.8+4.0+4.0	10.8				
2.0+2.0+3.2+4.0+4.0	15.2	2.0+2.8+4.0+7.0	15.8	2.8+4.0+5.0	11.8				
2.0+2.0+3.2+4.0+5.0	16.2	2.0+2.8+5.0+5.0	14.8	2.8+4.0+6.0	12.8				
2.0+2.0+3.2+4.0+6.0	17.2	2.0+2.8+5.0+6.0	15.8	2.8+4.0+7.0	13.8				
2.0+2.0+3.2+5.0+5.0	17.2	2.0+2.8+5.0+7.0	16.8	2.8+5.0+5.0	12.8				
2.0+2.0+4.0+4.0+4.0	16.0	2.0+2.8+6.0+6.0	16.8	2.8+5.0+6.0	13.8				
2.0+2.0+4.0+4.0+5.0	17.0	2.0+3.2+3.2+3.2	11.6	2.8+5.0+7.0	14.8				
2.0+2.5+2.5+2.5+2.5	12.0	2.0+3.2+3.2+4.0	12.4	2.8+6.0+6.0	14.8				
2.0+2.5+2.5+2.5+2.8	12.3	2.0+3.2+3.2+5.0	13.4	2.8+6.0+7.0	15.8				
2.0+2.5+2.5+2.5+3.2	12.7	2.0+3.2+3.2+6.0	14.4	2.8+7.0+7.0	16.8				
2.0+2.5+2.5+2.5+4.0	13.5	2.0+3.2+3.2+7.0	15.4	3.2+3.2+3.2	9.6				
2.0+2.5+2.5+2.5+5.0	14.5	2.0+3.2+4.0+4.0	13.2	3.2+3.2+4.0	10.4				
2.0+2.5+2.5+2.5+6.0	15.5	2.0+3.2+4.0+5.0	14.2	3.2+3.2+5.0	11.4				
2.0+2.5+2.5+2.5+7.0	16.5	2.0+3.2+4.0+6.0	15.2	3.2+3.2+6.0	12.4				
2.0+2.5+2.5+2.8+2.8	12.6	2.0+3.2+4.0+7.0	16.2	3.2+3.2+7.0	13.4				
2.0+2.5+2.5+2.8+3.2	13.0	2.0+3.2+5.0+5.0	15.2	3.2+4.0+4.0	11.2				
2.0+2.5+2.5+2.8+4.0	13.8	2.0+3.2+5.0+6.0	16.2	3.2+4.0+5.0	12.2				
2.0+2.5+2.5+2.8+5.0	14.8	2.0+3.2+5.0+7.0	17.2	3.2+4.0+6.0	13.2				
2.0+2.5+2.5+2.8+6.0	15.8	2.0+3.2+6.0+6.0	17.2	3.2+4.0+7.0	14.2				
2.0+2.5+2.5+2.8+7.0	16.8	2.0+4.0+4.0+4.0	14.0	3.2+5.0+5.0	13.2				
2.0+2.5+2.5+3.2+3.2	13.4	2.0+4.0+4.0+5.0	15.0	3.2+5.0+6.0	14.2				
2.0+2.5+2.5+3.2+4.0	14.2	2.0+4.0+4.0+6.0	16.0	3.2+5.0+7.0	15.2				
2.0+2.5+2.5+3.2+5.0	15.2	2.0+4.0+4.0+7.0	17.0	3.2+6.0+6.0	15.2				
2.0+2.5+2.5+3.2+6.0	16.2	2.0+4.0+5.0+5.0	16.0	3.2+6.0+7.0	16.2				
2.0+2.5+2.5+3.2+7.0	17.2	2.0+4.0+5.0+6.0	17.0	3.2+7.0+7.0	17.2				
2.0+2.5+2.5+4.0+4.0	15.0	2.0+5.0+5.0+5.0	17.0	4.0+4.0+4.0	12.0				
2.0+2.5+2.5+4.0+5.0	16.0	2.5+2.5+2.5+2.5	10.0	4.0+4.0+5.0	13.0				
2.0+2.5+2.5+4.0+6.0	17.0	2.5+2.5+2.5+2.8	10.3	4.0+4.0+6.0	14.0				
2.0+2.5+2.5+5.0+5.0	17.0	2.5+2.5+2.5+3.2	10.7	4.0+4.0+7.0	15.0				
2.0+2.5+2.8+2.8+2.8	12.9	2.5+2.5+2.5+4.0	11.5	4.0+5.0+5.0	14.0				
2.0+2.5+2.8+2.8+3.2	13.3	2.5+2.5+2.5+5.0	12.5	4.0+5.0+6.0	15.0				
2.0+2.5+2.8+2.8+4.0	14.1	2.5+2.5+2.5+6.0	13.5	4.0+5.0+7.0	16.0				
2.0+2.5+2.8+2.8+5.0	15.1	2.5+2.5+2.5+7.0	14.5	4.0+6.0+6.0	16.0				
2.0+2.5+2.8+2.8+6.0	16.1	2.5+2.5+2.8+2.8	10.6	4.0+6.0+7.0	17.0				
2.0+2.5+2.8+2.8+7.0	17.1	2.5+2.5+2.8+3.2	11.0	5.0+5.0+5.0	15.0				
2.0+2.5+2.8+3.2+3.2	13.7	2.5+2.5+2.8+4.0	11.8	5.0+5.0+6.0	16.0				
2.0+2.5+2.8+3.2+4.0	14.5	2.5+2.5+2.8+5.0	12.8	5.0+5.0+7.0	17.0				
2.0+2.5+2.8+3.2+5.0	15.5	2.5+2.5+2.8+6.0	13.8	5.0+6.0+6.0	17.0				
2.0+2.5+2.8+3.2+6.0	16.5	2.5+2.5+2.8+7.0	14.8						
2.0+2.5+2.8+3.2+7.0	17.5	2.5+2.5+3.2+3.2	11.4						
2.0+2.5+2.8+4.0+4.0	15.3	2.5+2.5+3.2+4.0	12.2						
2.0+2.5+2.8+4.0+5.0	16.3	2.5+2.5+3.2+5.0	13.2						
2.0+2.5+2.8+4.0+6.0	17.3	2.5+2.5+3.2+6.0	14.2						

5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)
2.0+2.5+2.8+5.0+5.0	17.3	2.5+2.5+3.2+7.0	15.2						
2.0+2.5+3.2+3.2+3.2	14.1	2.5+2.5+4.0+4.0	13.0						
2.0+2.5+3.2+3.2+4.0	14.9	2.5+2.5+4.0+5.0	14.0						
2.0+2.5+3.2+3.2+5.0	15.9	2.5+2.5+4.0+6.0	15.0						
2.0+2.5+3.2+3.2+6.0	16.9	2.5+2.5+4.0+7.0	16.0						
2.0+2.5+3.2+4.0+4.0	15.7	2.5+2.5+5.0+5.0	15.0						
2.0+2.5+3.2+4.0+5.0	16.7	2.5+2.5+5.0+6.0	16.0						
2.0+2.5+4.0+4.0+4.0	16.5	2.5+2.5+5.0+7.0	17.0						
2.0+2.5+4.0+4.0+5.0	17.5	2.5+2.5+6.0+6.0	17.0						
2.0+2.8+2.8+2.8+2.8	13.2	2.5+2.8+2.8+2.8	10.9						
2.0+2.8+2.8+2.8+3.2	13.6	2.5+2.8+2.8+3.2	11.3						
2.0+2.8+2.8+2.8+4.0	14.4	2.5+2.8+2.8+4.0	12.1						
2.0+2.8+2.8+2.8+5.0	15.4	2.5+2.8+2.8+5.0	13.1						
2.0+2.8+2.8+2.8+6.0	16.4	2.5+2.8+2.8+6.0	14.1						
2.0+2.8+2.8+2.8+7.0	17.4	2.5+2.8+2.8+7.0	15.1						
2.0+2.8+2.8+3.2+3.2	14.0	2.5+2.8+3.2+3.2	11.7						
2.0+2.8+2.8+3.2+4.0	14.8	2.5+2.8+3.2+4.0	12.5						
2.0+2.8+2.8+3.2+5.0	15.8	2.5+2.8+3.2+5.0	13.5						
2.0+2.8+2.8+3.2+6.0	16.8	2.5+2.8+3.2+6.0	14.5						
2.0+2.8+2.8+4.0+4.0	15.6	2.5+2.8+3.2+7.0	15.5						
2.0+2.8+2.8+4.0+5.0	16.6	2.5+2.8+4.0+4.0	13.3						
2.0+2.8+3.2+3.2+3.2	14.4	2.5+2.8+4.0+5.0	14.3						
2.0+2.8+3.2+3.2+4.0	15.2	2.5+2.8+4.0+6.0	15.3						
2.0+2.8+3.2+3.2+5.0	16.2	2.5+2.8+4.0+7.0	16.3						
2.0+2.8+3.2+3.2+6.0	17.2	2.5+2.8+5.0+5.0	15.3						
2.0+2.8+3.2+4.0+4.0	16.0	2.5+2.8+5.0+6.0	16.3						
2.0+2.8+3.2+4.0+5.0	17.0	2.5+2.8+5.0+7.0	17.3						
2.0+2.8+4.0+4.0+4.0	16.8	2.5+2.8+6.0+6.0	17.3						
2.0+3.2+3.2+3.2+3.2	14.8	2.5+3.2+3.2+3.2	12.1						
2.0+3.2+3.2+3.2+4.0	15.6	2.5+3.2+3.2+4.0	12.9						
2.0+3.2+3.2+3.2+5.0	16.6	2.5+3.2+3.2+5.0	13.9						
2.0+3.2+3.2+4.0+4.0	16.4	2.5+3.2+3.2+6.0	14.9						
2.0+3.2+3.2+4.0+5.0	17.4	2.5+3.2+3.2+7.0	15.9						
2.0+3.2+4.0+4.0+4.0	17.2	2.5+3.2+4.0+4.0	13.7						
2.5+2.5+2.5+2.5+2.5	12.5	2.5+3.2+4.0+5.0	14.7						
2.5+2.5+2.5+2.5+2.8	12.8	2.5+3.2+4.0+6.0	15.7						
2.5+2.5+2.5+2.5+3.2	13.2	2.5+3.2+4.0+7.0	16.7						
2.5+2.5+2.5+2.5+4.0	14.0	2.5+3.2+5.0+5.0	15.7						
2.5+2.5+2.5+2.5+5.0	15.0	2.5+3.2+5.0+6.0	16.7						
2.5+2.5+2.5+2.5+6.0	16.0	2.5+4.0+4.0+4.0	14.5						
2.5+2.5+2.5+2.5+7.0	17.0	2.5+4.0+4.0+5.0	15.5						
2.5+2.5+2.5+2.8+2.8	13.1	2.5+4.0+4.0+6.0	16.5						
2.5+2.5+2.5+2.8+3.2	13.5	2.5+4.0+4.0+7.0	17.5						
2.5+2.5+2.5+2.8+4.0	14.3	2.5+4.0+5.0+5.0	16.5						
2.5+2.5+2.5+2.8+5.0	15.3	2.5+4.0+5.0+6.0	17.5						
2.5+2.5+2.5+2.8+6.0	16.3	2.5+5.0+5.0+5.0	17.5						
2.5+2.5+2.5+2.8+7.0	17.3	2.8+2.8+2.8+2.8	11.2						
2.5+2.5+2.5+3.2+3.2	13.9	2.8+2.8+2.8+3.2	11.6						
2.5+2.5+2.5+3.2+4.0	14.7	2.8+2.8+2.8+4.0	12.4						
2.5+2.5+2.5+3.2+5.0	15.7	2.8+2.8+2.8+5.0	13.4						
2.5+2.5+2.5+3.2+6.0	16.7	2.8+2.8+2.8+6.0	14.4						
2.5+2.5+2.5+4.0+4.0	15.5	2.8+2.8+2.8+7.0	15.4						
2.5+2.5+2.5+4.0+5.0	16.5	2.8+2.8+3.2+3.2	12.0						
2.5+2.5+2.5+4.0+6.0	17.5	2.8+2.8+3.2+4.0	12.8						
2.5+2.5+2.5+5.0+5.0	17.5	2.8+2.8+3.2+5.0	13.8						
2.5+2.5+2.8+2.8+2.8	13.4	2.8+2.8+3.2+6.0	14.8						
2.5+2.5+2.8+2.8+3.2	13.8	2.8+2.8+3.2+7.0	15.8						
2.5+2.5+2.8+2.8+4.0	14.6	2.8+2.8+4.0+4.0	13.6						
2.5+2.5+2.8+2.8+5.0	15.6	2.8+2.8+4.0+5.0	14.6						
2.5+2.5+2.8+2.8+6.0	16.6	2.8+2.8+4.0+6.0	15.6						
2.5+2.5+2.8+3.2+3.2	14.2	2.8+2.8+4.0+7.0	16.6						

5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)
2.5+2.5+2.8+3.2+4.0	15.0	2.8+2.8+5.0+5.0	15.6						
2.5+2.5+2.8+3.2+5.0	16.0	2.8+2.8+5.0+6.0	16.6						
2.5+2.5+2.8+3.2+6.0	17.0	2.8+3.2+3.2+3.2	12.4						
2.5+2.5+2.8+4.0+4.0	15.8	2.8+3.2+3.2+4.0	13.2						
2.5+2.5+2.8+4.0+5.0	16.8	2.8+3.2+3.2+5.0	14.2						
2.5+2.5+3.2+3.2+3.2	14.6	2.8+3.2+3.2+6.0	15.2						
2.5+2.5+3.2+3.2+4.0	15.4	2.8+3.2+3.2+7.0	16.2						
2.5+2.5+3.2+3.2+5.0	16.4	2.8+3.2+4.0+4.0	14.0						
2.5+2.5+3.2+3.2+6.0	17.4	2.8+3.2+4.0+5.0	15.0						
2.5+2.5+3.2+4.0+4.0	16.2	2.8+3.2+4.0+6.0	16.0						
2.5+2.5+3.2+4.0+5.0	17.2	2.8+3.2+4.0+7.0	17.0						
2.5+2.5+4.0+4.0+4.0	17.0	2.8+3.2+5.0+5.0	16.0						
2.5+2.8+2.8+2.8+2.8	13.7	2.8+3.2+5.0+6.0	17.0						
2.5+2.8+2.8+2.8+3.2	14.1	2.8+4.0+4.0+4.0	14.8						
2.5+2.8+2.8+2.8+4.0	14.9	2.8+4.0+4.0+5.0	15.8						
2.5+2.8+2.8+2.8+5.0	15.9	2.8+4.0+4.0+6.0	16.8						
2.5+2.8+2.8+2.8+6.0	16.9	2.8+4.0+5.0+5.0	16.8						
2.5+2.8+2.8+3.2+3.2	14.5	3.2+3.2+3.2+3.2	12.8						
2.5+2.8+2.8+3.2+4.0	15.3	3.2+3.2+3.2+4.0	13.6						
2.5+2.8+2.8+3.2+5.0	16.3	3.2+3.2+3.2+5.0	14.6						
2.5+2.8+2.8+3.2+6.0	17.3	3.2+3.2+3.2+6.0	15.6						
2.5+2.8+2.8+4.0+4.0	16.1	3.2+3.2+3.2+7.0	16.6						
2.5+2.8+2.8+4.0+5.0	17.1	3.2+3.2+4.0+4.0	14.4						
2.5+2.8+3.2+3.2+3.2	14.9	3.2+3.2+4.0+5.0	15.4						
2.5+2.8+3.2+3.2+4.0	15.7	3.2+3.2+4.0+6.0	16.4						
2.5+2.8+3.2+3.2+5.0	16.7	3.2+3.2+4.0+7.0	17.4						
2.5+2.8+3.2+4.0+4.0	16.5	3.2+3.2+5.0+5.0	16.4						
2.5+2.8+3.2+4.0+5.0	17.5	3.2+3.2+5.0+6.0	17.4						
2.5+2.8+4.0+4.0+4.0	17.3	3.2+4.0+4.0+4.0	15.2						
2.5+3.2+3.2+3.2+3.2	15.3	3.2+4.0+4.0+5.0	16.2						
2.5+3.2+3.2+3.2+4.0	16.1	3.2+4.0+4.0+6.0	17.2						
2.5+3.2+3.2+3.2+5.0	17.1	3.2+4.0+5.0+5.0	17.2						
2.5+3.2+3.2+4.0+4.0	16.9	4.0+4.0+4.0+4.0	16.0						
2.8+2.8+2.8+2.8+2.8	14.0	4.0+4.0+4.0+5.0	17.0						
2.8+2.8+2.8+2.8+3.2	14.4								
2.8+2.8+2.8+2.8+4.0	15.2								
2.8+2.8+2.8+2.8+5.0	16.2								
2.8+2.8+2.8+2.8+6.0	17.2								
2.8+2.8+2.8+3.2+3.2	14.8								
2.8+2.8+2.8+3.2+4.0	15.6								
2.8+2.8+2.8+3.2+5.0	16.6								
2.8+2.8+2.8+4.0+4.0	16.4								
2.8+2.8+2.8+4.0+5.0	17.4								
2.8+2.8+3.2+3.2+3.2	15.2								
2.8+2.8+3.2+3.2+4.0	16.0								
2.8+2.8+3.2+3.2+5.0	17.0								
2.8+2.8+3.2+4.0+4.0	16.8								
2.8+3.2+3.2+3.2+3.2	15.6								
2.8+3.2+3.2+3.2+4.0	16.4								
2.8+3.2+3.2+3.2+5.0	17.4								
2.8+3.2+3.2+4.0+4.0	17.2								
3.2+3.2+3.2+3.2+3.2	16.0								
3.2+3.2+3.2+3.2+4.0	16.8								

3. Features

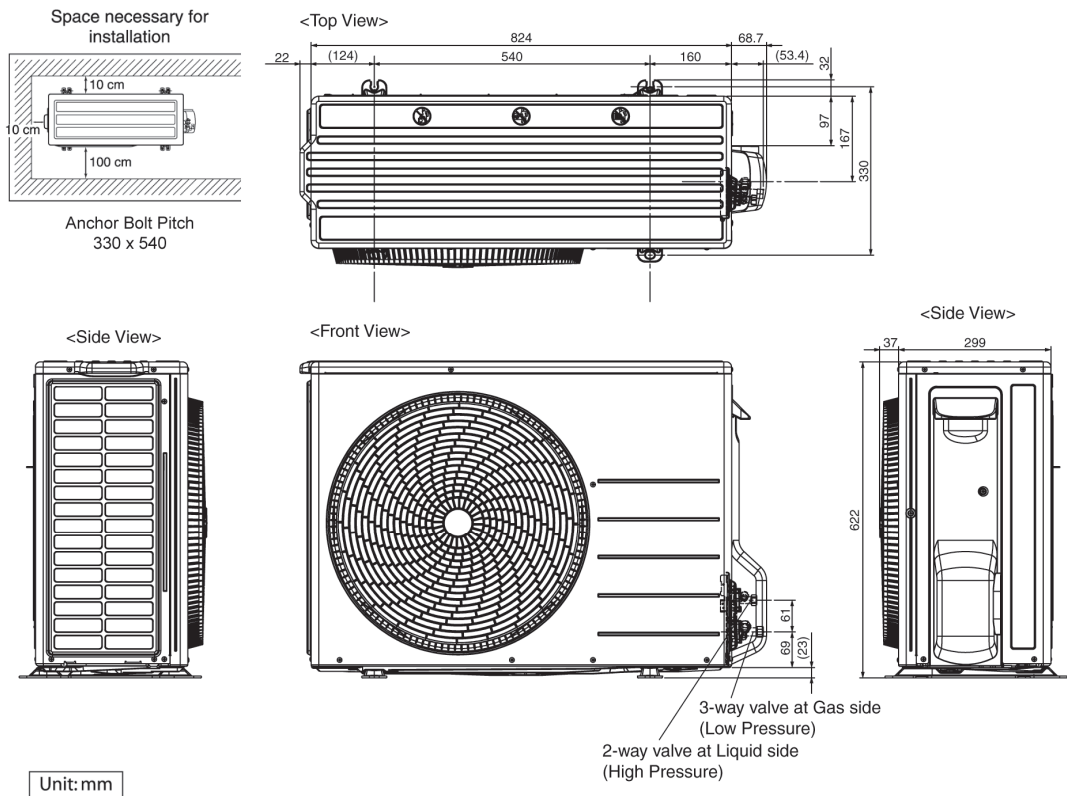
- **Inverter Technology**
 - Wider output power range
 - Energy saving
 - Quick Cooling
 - Quick Heating
 - More precise temperature control
- **Environment Protection**
 - Non-ozone depletion substances refrigerant (R410A)
- **Long Installation Piping**
 - Long piping up to 20 meters
- **Easy to use remote control**
- **Quality Improvement**
 - Random auto restart after power failure for safety restart operation
 - Gas leakage protection
 - Prevent compressor reverse cycle
 - Inner protector to protect compressor
 - Noise prevention during soft dry operation
- **Operation Improvement**
 - Quiet mode to reduce the indoor unit operating sound
 - Powerful mode to reach the desired room temperature quickly
 - 24-hour timer setting
- **Serviceability Improvement**
 - Breakdown Self Diagnosis function

5.1 Indoor Unit

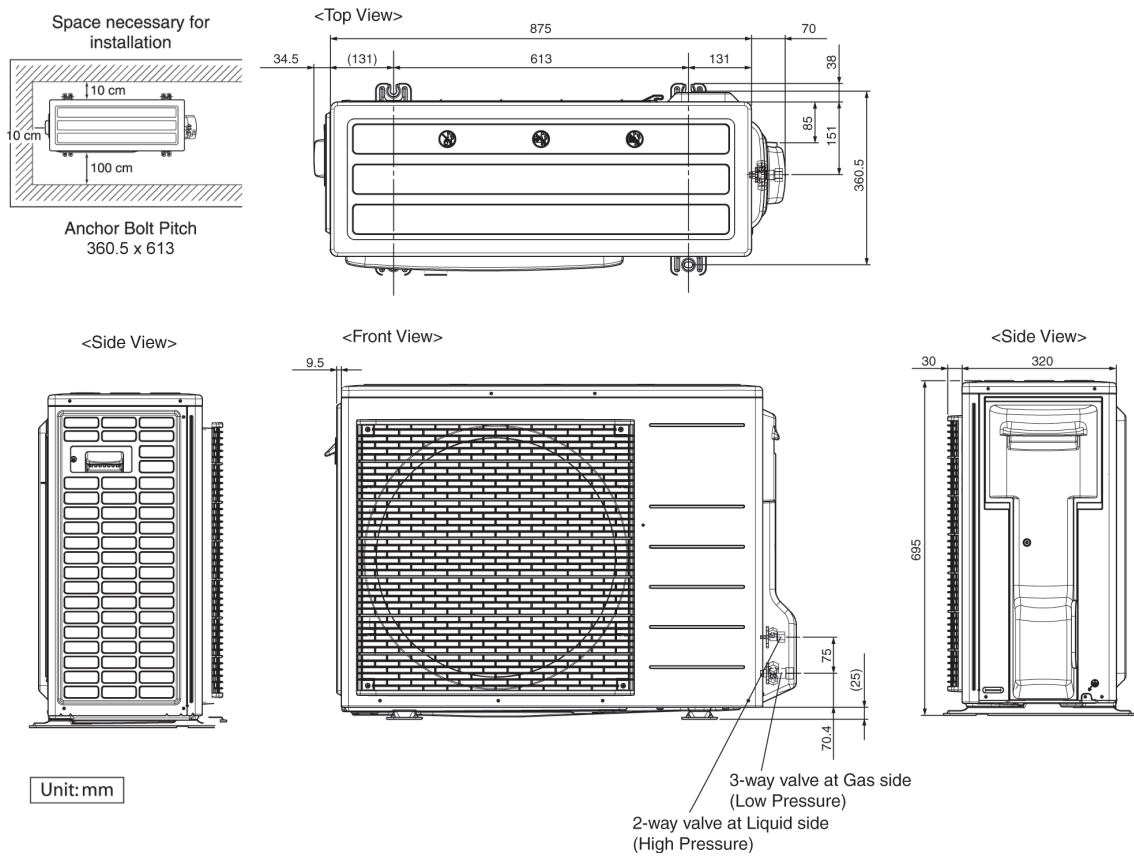


5.2 Outdoor Unit

5.2.1 CU-E9PB4EA

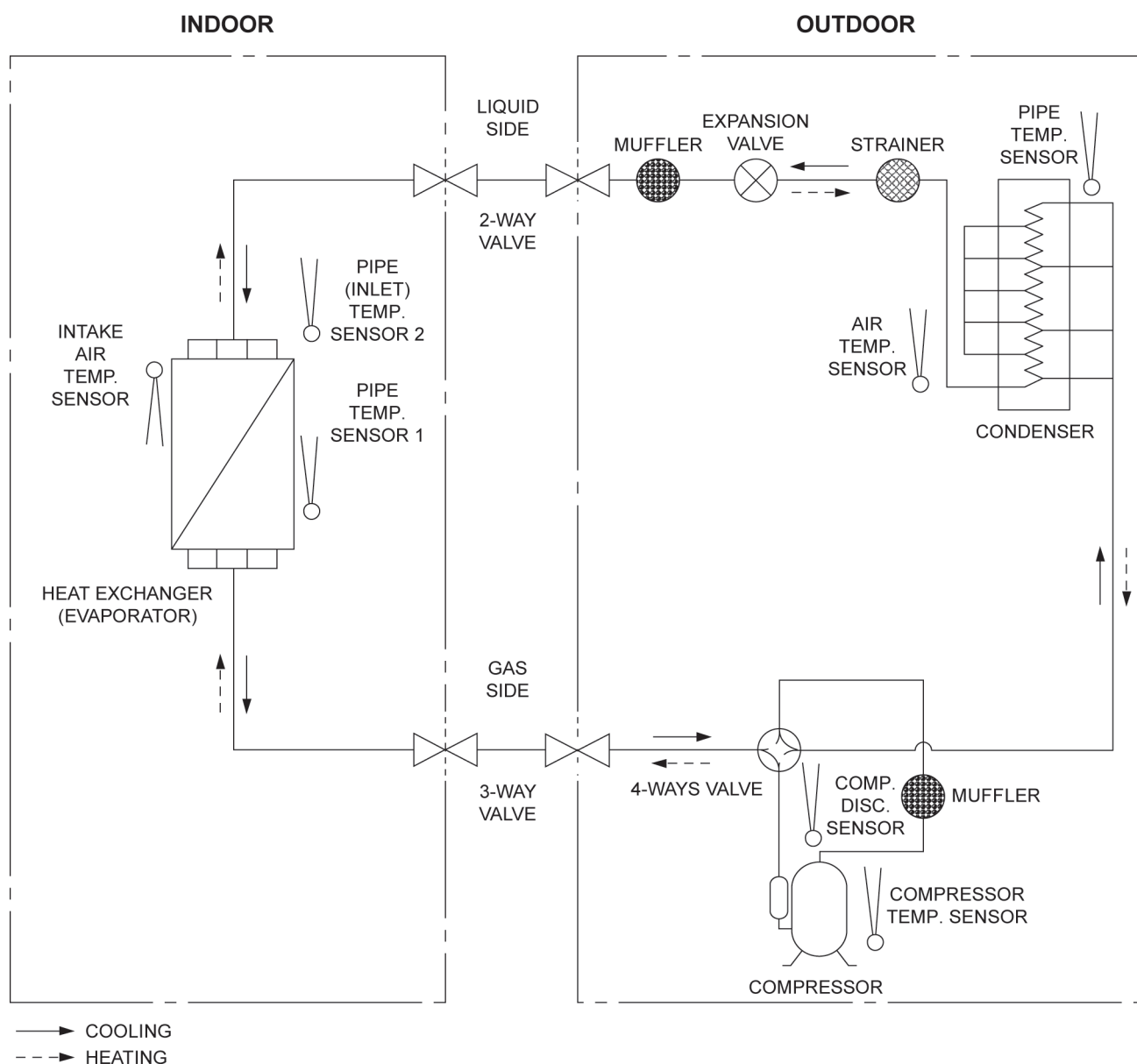


5.2.2 CU-E12PB4EA

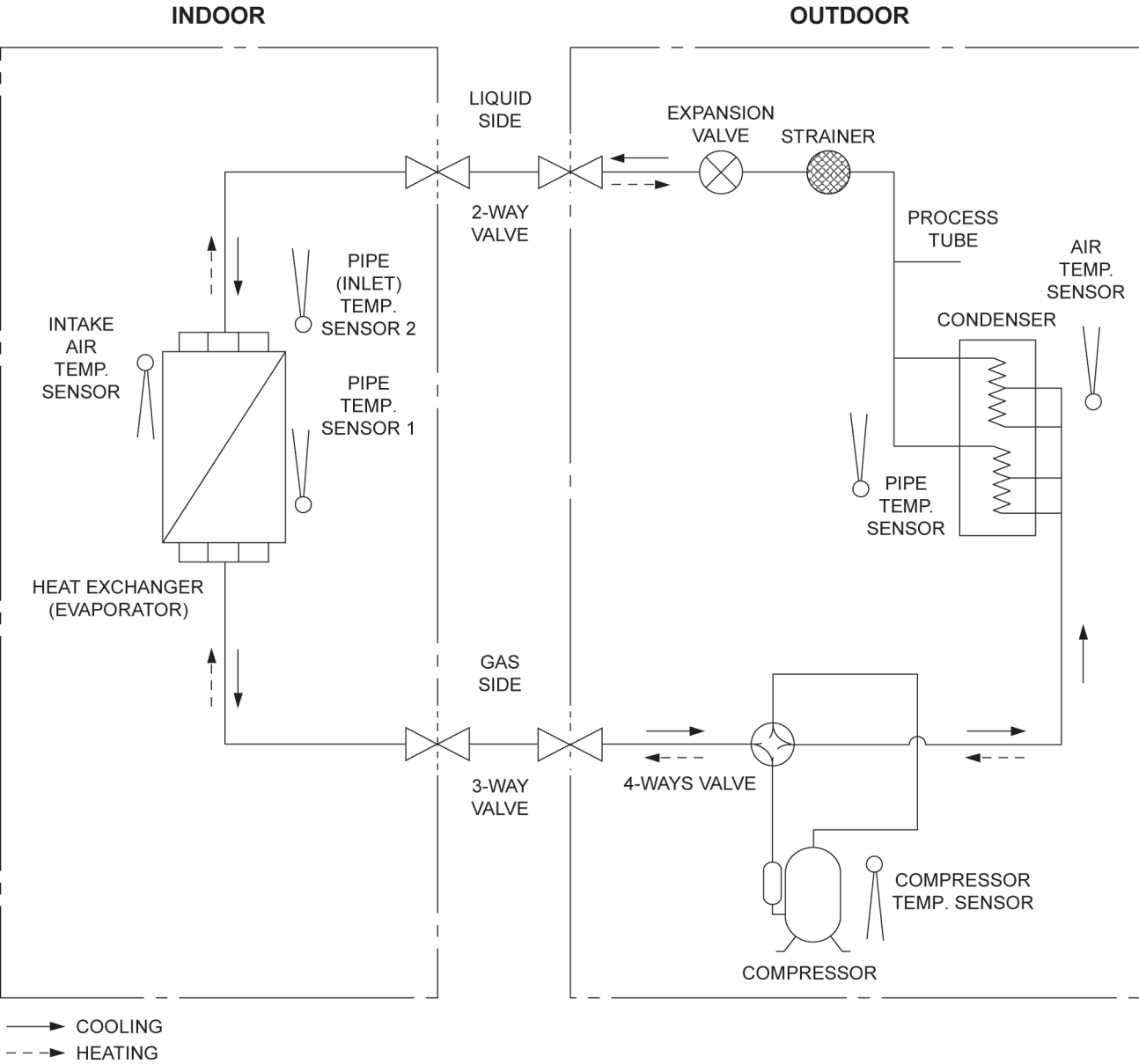


6. Refrigeration Cycle Diagram

6.1 CS-E9PB4EA CU-E9PB4EA

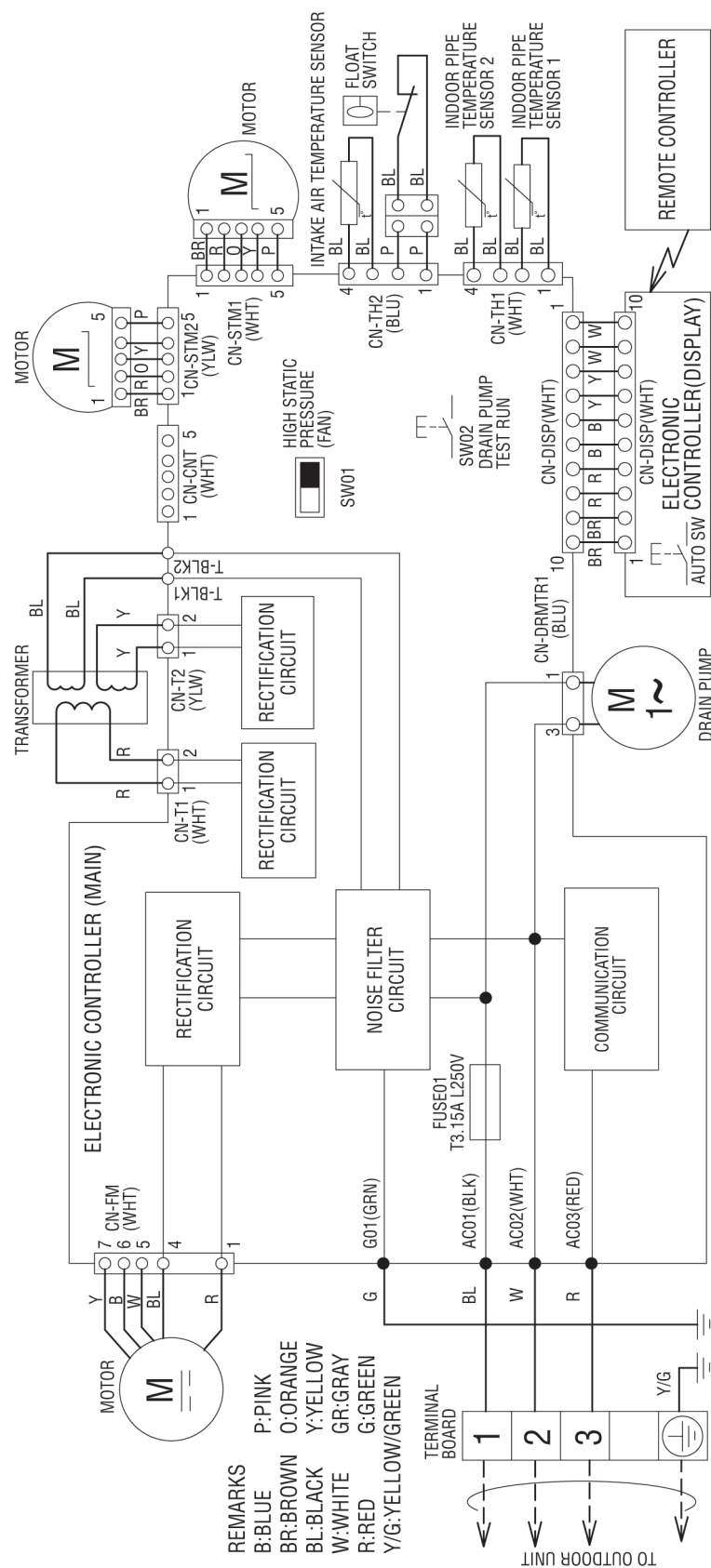


6.2 CS-E12PB4EA CU-E12PB4EA



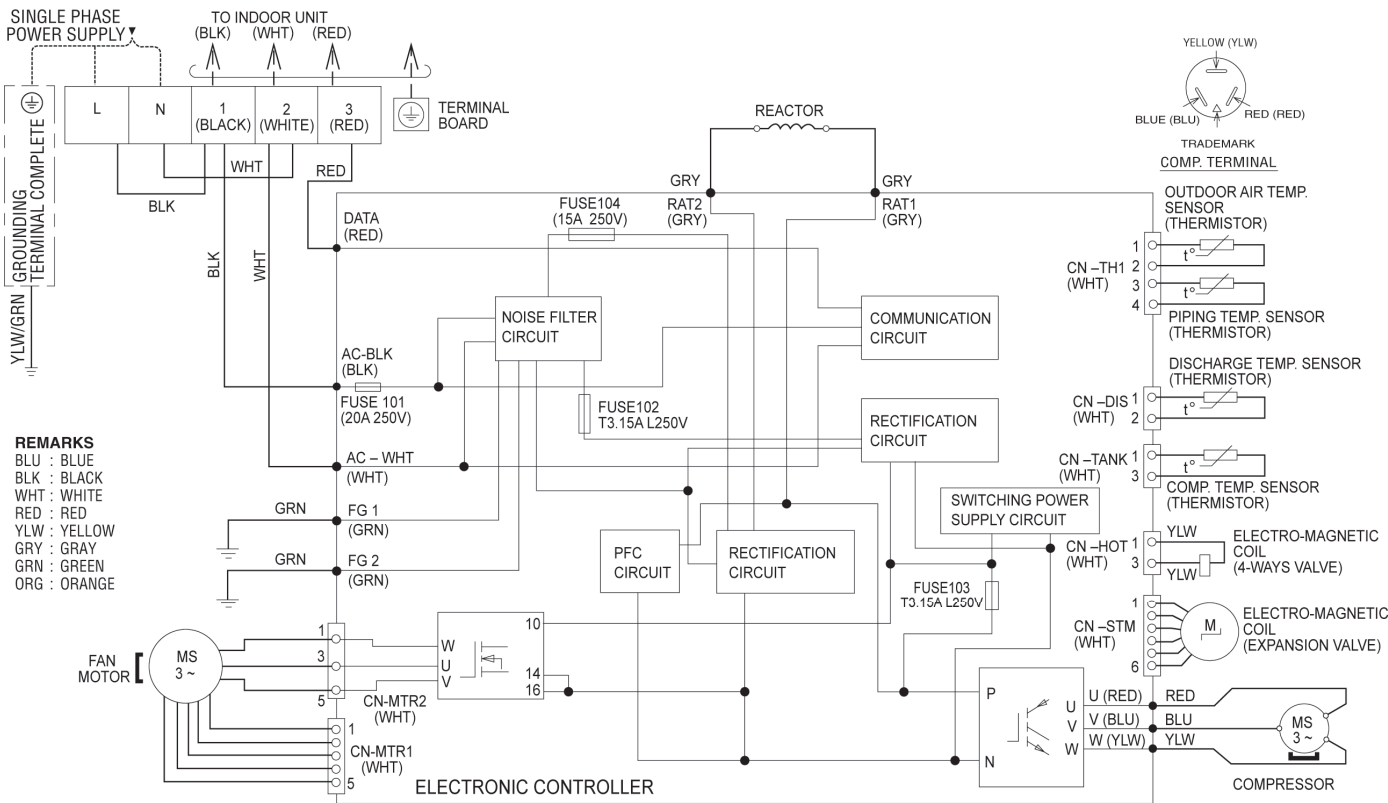
8. Wiring Connection Diagram

8.1 Indoor Unit



8.2 Outdoor Unit

8.2.1 CU-E9PB4EA

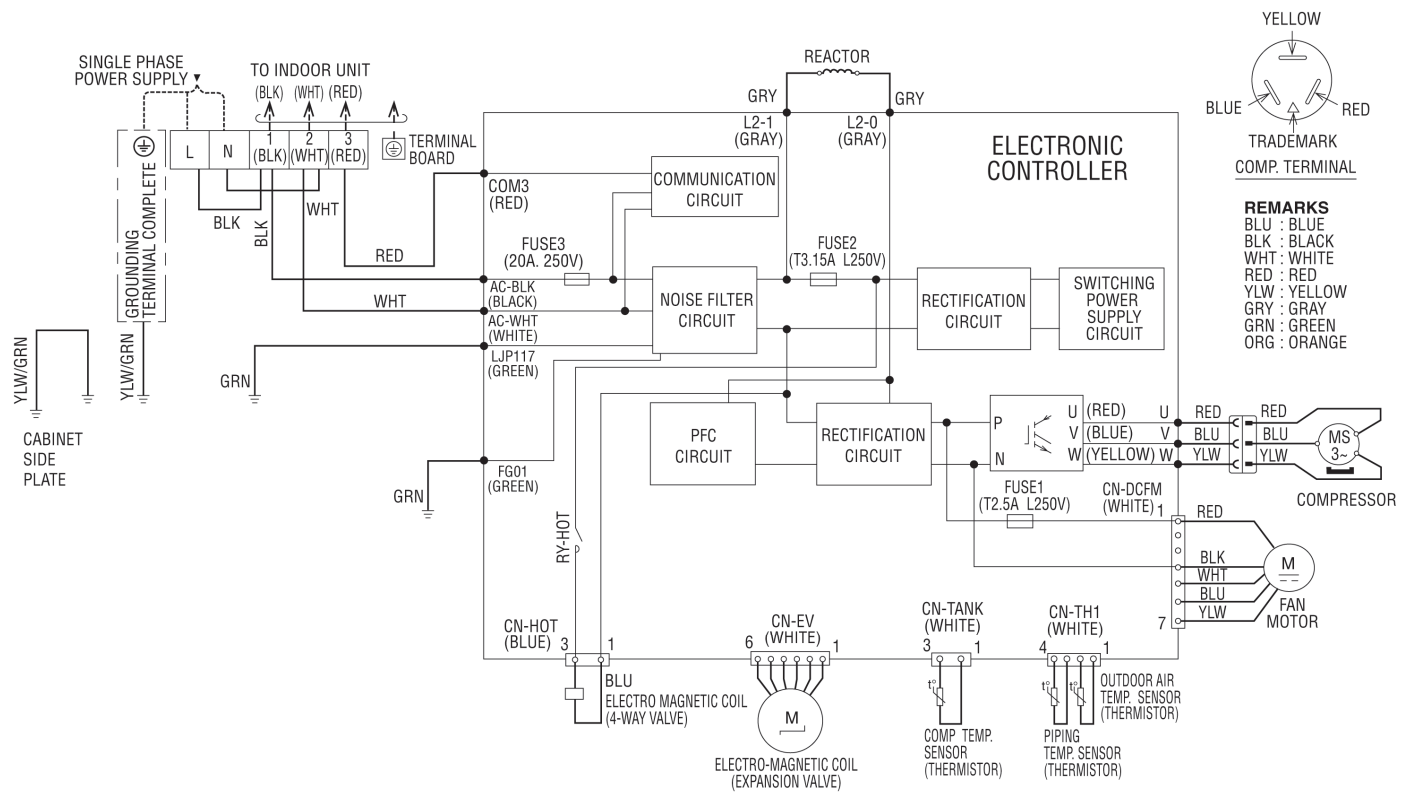


Resistance of Compressor Windings

MODEL	CU-E9PB4EA
CONNECTION	5RD132XBE21 (Ω)
U-V	1.897
U-W	1.907
V-W	1.882

Note: Resistance at 20°C of ambient temperature.

8.2.2 CU-E12PB4EA



Resistance of Compressor Windings

MODEL	CU-E12PB4EA
CONNECTION	5RD132XBA21 (Ω)
U-V	1.897
U-W	1.907
V-W	1.882

Note: Resistance at 20°C of ambient temperature.

17. Service Data

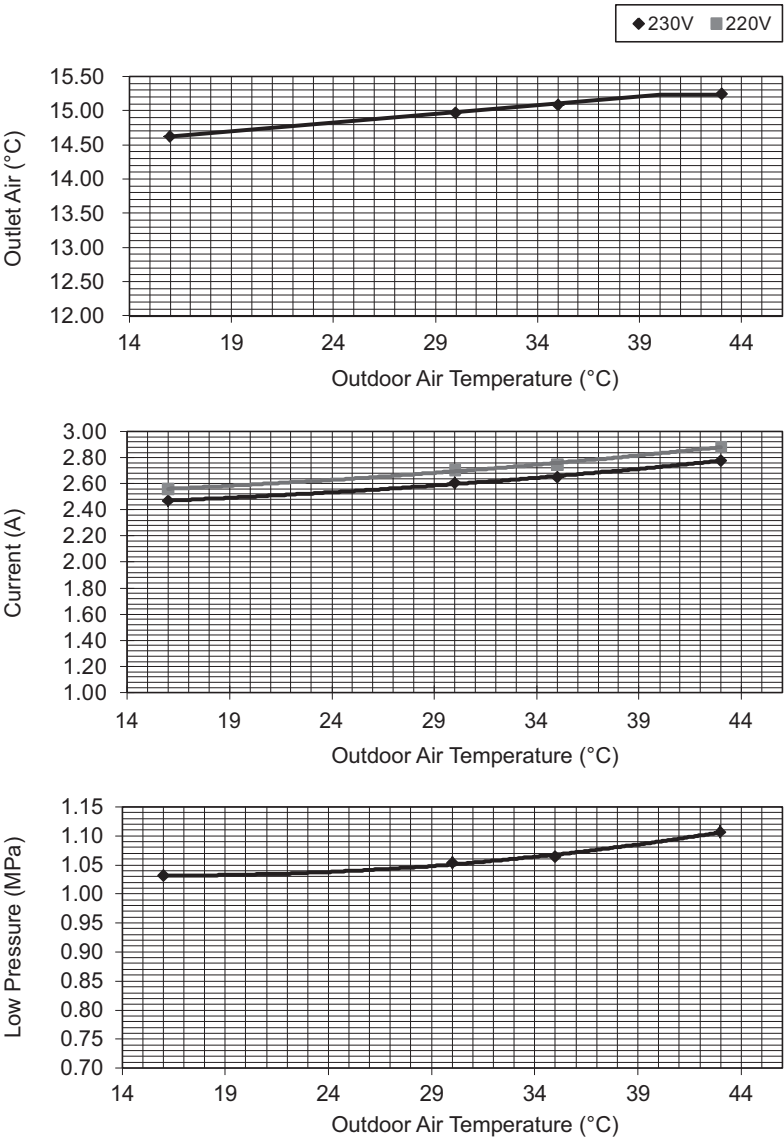
Service data provided are based on the air conditioner running under rated frequency during forced cooling / forced heating mode.

17.1 Cool Mode Outdoor Air Temperature Characteristic

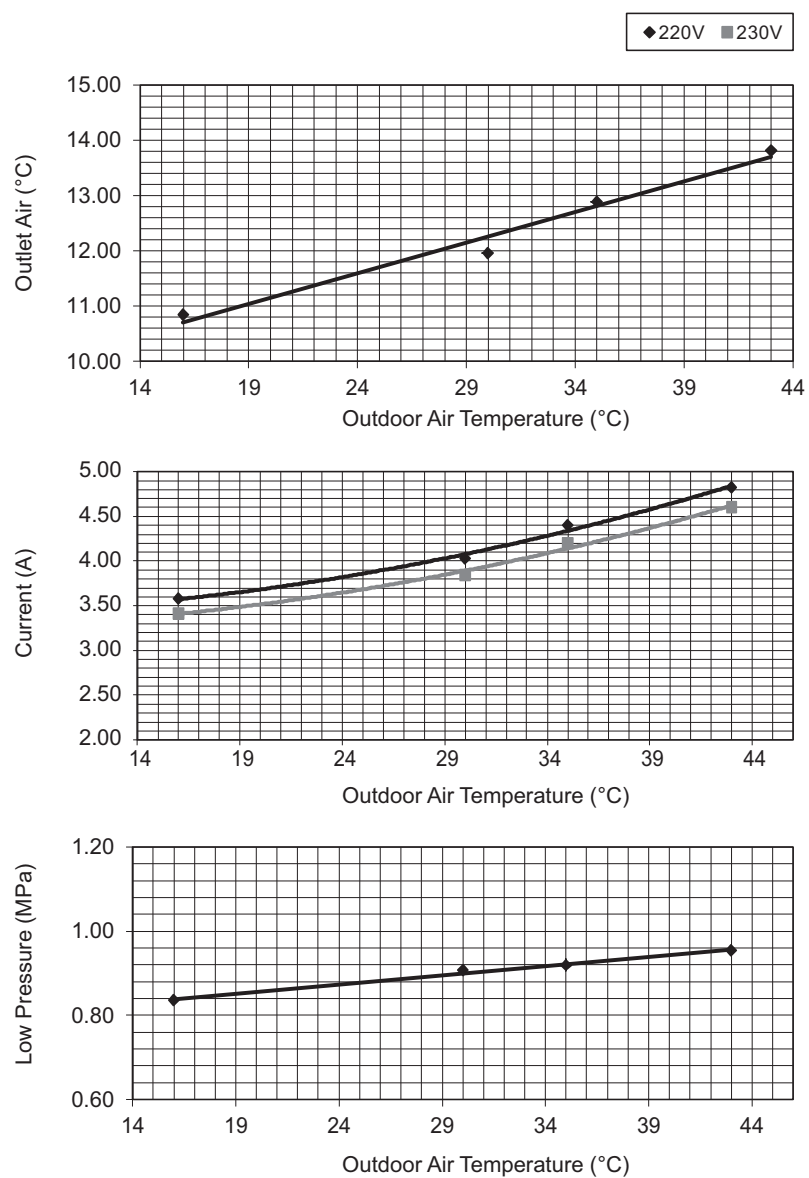
Condition

- Indoor room temperature: 27°C DryBulb/19°C Wet Bulb
- Unit setting: Standard piping length, forced cooling at 16°C, Hi fan
- Compressor frequency: Rated for cooling operation
- Voltage: 220V/230V

17.1.1 CS-E9PB4EA CU-E9PB4EA



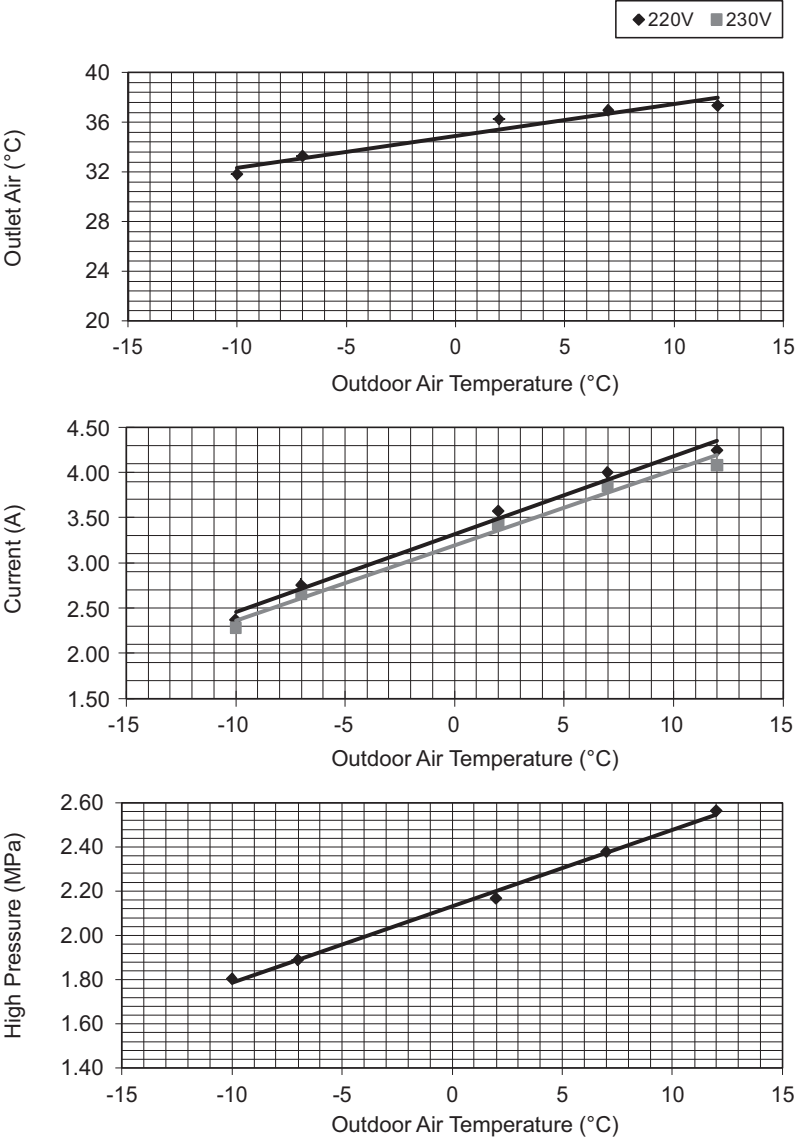
17.1.2 CS-E12PB4EA CU-E12PB4EA



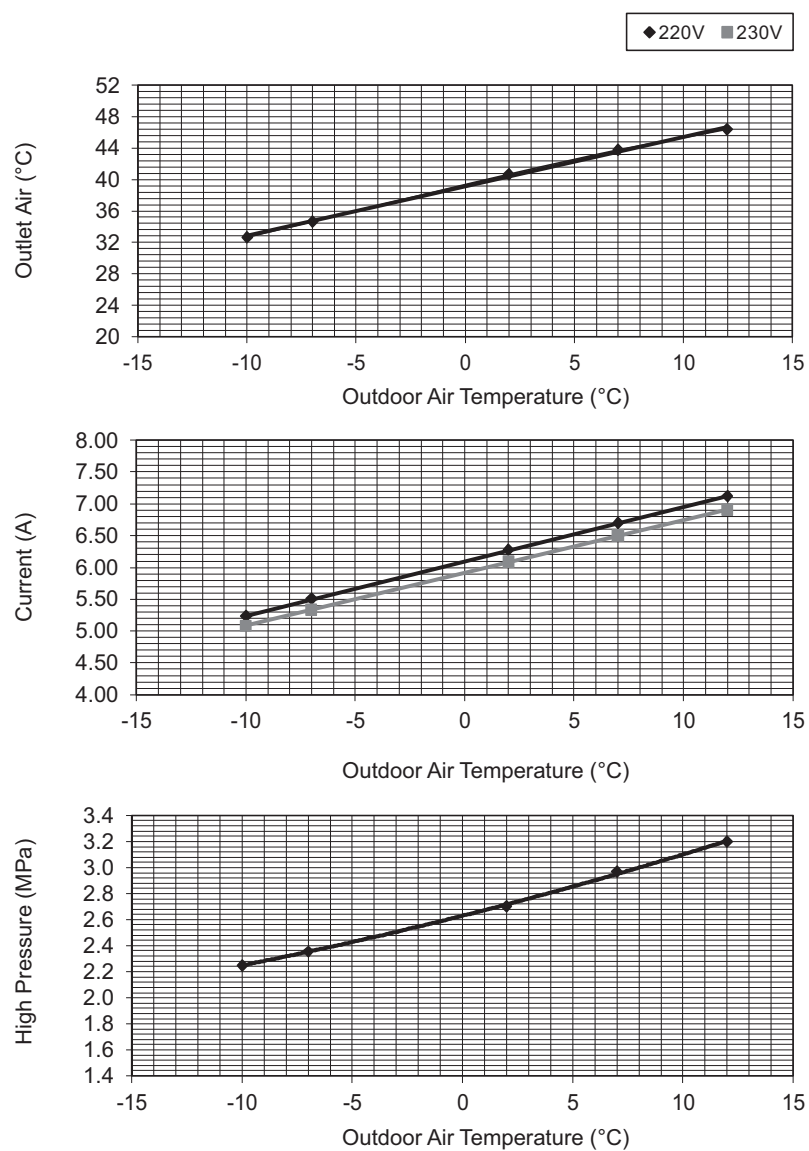
17.2 Heat Mode Outdoor Air Temperature Characteristic

- Condition
- Indoor room temperature: 20°C DryBulb/ -°C Wet Bulb
 - Unit setting: Standard piping length, forced heating at 30°C, Hi fan
 - Compressor frequency: Rated for Heating operation
 - Voltage: 220V/230V

17.2.1 CS-E9PB4EA CU-E9PB4EA



17.2.2 CS-E12PB4EA CU-E12PB4EA

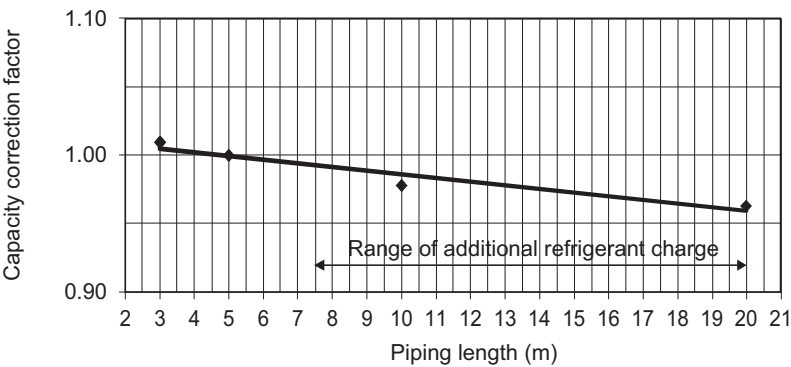


17.3 Piping Length Correction Factor

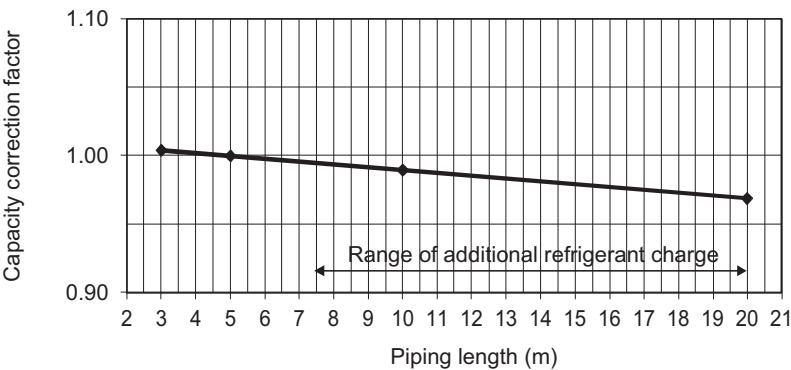
The characteristic of the unit has to be corrected in accordance with the piping length.

17.3.1 CS-E9PB4EA CU-E9PB4EA

17.3.1.1 Cooling Capacity



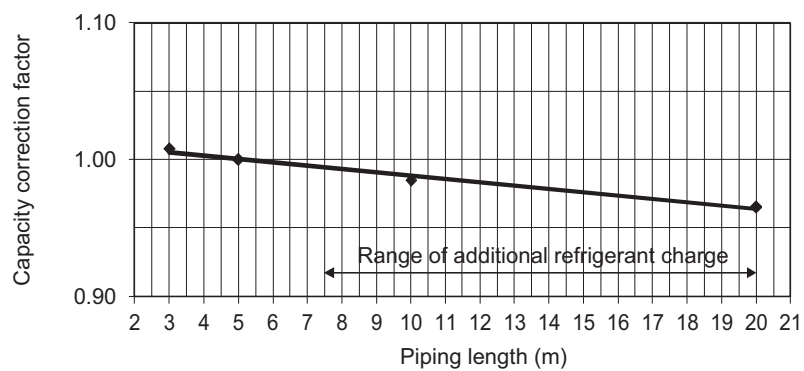
17.3.1.2 Heating Capacity



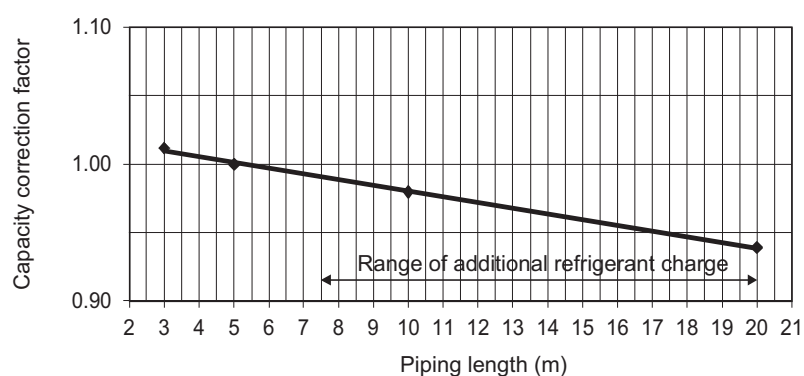
Note: The graphs show the factor after added right amount of additional refrigerant.

17.3.2 CS-E12PB4EA CU-E12PB4EA

17.3.2.1 Cooling Capacity



17.3.2.2 Heating Capacity



Note: The graphs show the factor after added right amount of additional refrigerant.