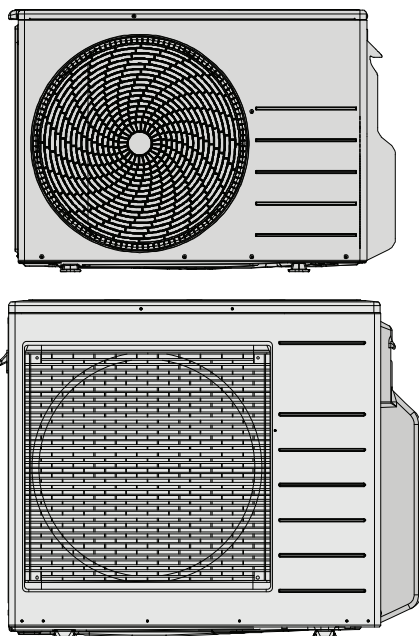


Service Manual

Air Conditioner

Outdoor Unit
CU-2RE15SBE
CU-2RE18SBE
CU-3RE18SBE

Destination
Europe



Please file and use this manual together with the service manual for Model No. CS-MTZ5SKE CS-MTZ7SKE CS-TZ9SKEW CS-TZ12SKEW CS-TZ15SKEW CS-TZ18SKEW CS-MRE7RKE CS-RE9RKEW CS-RE12RKEW CS-RE15RKEW CS-RE18RKEW, Order No. PAPAMY1603029CE PAPAMY1503093AE PAPAMY1502046CE PAPAMY1502047CE

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 product or 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.

2. Specifications

2.1 CU-2RE15SBE

Item			Unit	OUTDOOR UNIT
Indoor Unit Combination				2.0kW + 2.5kW
Power Source				1 Phase, 230V, 50Hz (Power supply from outdoor unit)
Cooling Operation	Capacity		kW	4.4 (1.5 ~ 4.8)
			BTU/h	15000 (5120 ~ 16400)
	Electrical Data	Running Current	A	6.10
		Power Input	kW	1.30 (0.27 ~ 1.52)
		EER	W/W	3.38 (5.56 ~ 3.16)
	Annual Consumption		kWh	650
	Power Factor		%	93
	Noise	Sound Pressure Level	dB-A (H/L)	47 / -
		Sound Power Level	dB (H/L)	62 / -
Heating Operation	Capacity		kW	4.8 (1.1 ~ 6.5)
			BTU/h	16400 (3750 ~ 22200)
	Electrical Data	Running Current	A	5.35
		Power Input	kW	1.20 (0.24 ~ 1.67)
		COP	W/W	4.00 (4.58 ~ 3.89)
	Annual Consumption		kWh	1260
	Power Factor		%	98
	Noise	Sound Pressure Level	dB-A (H/L)	49 / -
		Sound Power Level	dB (H/L)	64 / -
Maximum Current			A	12.0
Maximum Input Power			W	2.73k
Starting Current			A	6.10
Dimension	Height		mm	619
	Width		mm	824 (+70)
	Depth		mm	299
Net Weight			kg	39
Pipe Length Range (1 room)			m	3 ~ 20
Maximum Pipe Length (Total Room)			m	30
Piping	Standard Length		m	5
	Height Difference		m	10
	Add. Gas Amount		g/m	15
	Pipe Length for Add. Gas		m	20
Refrigerant Pipe Diameter	Liquid Side		mm (inch)	6.35 (1/4)
	Gas Side		mm (inch)	9.52 (3/8)
Compressor	Type			Hermetic Motor / Rotary
	Motor Type			Brushless (6-poles)
	Rated Output		W	900
Fan Motor	Type			Propeller Fan
	Motor Type			DC Motor (8-poles)
	Rated Output		W	40
Fan Speed	High (Cooling / Heating)		RPM	800 / 900

Item			Unit	OUTDOOR UNIT	
Heat Exchanger	Type			Plate fin configuration forced draft type	
	Tube Material			Copper	
	Fin Material			Aluminum (Pre Coat)	
	Row / Stage			2 / 28	
	FPI			17	
Air Volume	High (Cooling / Heating)		m ³ /min (ft ³ /mm)	32.7 (1154) / 36.9 (1303)	
Refrigerant Control Device				Expansion Valve	
Refrigerant Oil			cm ³	FV50S (450)	
Refrigerant (R410A)			g	1.40k	
				Dry Bulb	Wet Bulb
Outdoor Operation Range	Cooling	Maximum	°C	43	26
		Minimum	°C	16	11
	Heating	Maximum	°C	24	18
		Minimum	°C	-10	-11

Note

- Specifications are subject to change without notice for further improvement.

2.2 CU-2RE18SBE

Item			Unit	OUTDOOR UNIT
Indoor Unit Combination				2.5kW + 2.5kW
Power Source				1 Phase, 230V, 50Hz (Power supply from outdoor unit)
Cooling Operation	Capacity		kW	4.8 (1.5 ~ 5.0)
			BTU/h	16400 (5120 ~ 17100)
	Electrical Data	Running Current	A	6.95
		Power Input	kW	1.49 (0.27 ~ 1.58)
		EER	W/W	3.22 (5.56 ~ 3.16)
	Annual Consumption		kWh	745
	Power Factor		%	93
	Noise	Sound Pressure Level	dB-A (H/L)	49 / -
		Sound Power Level	dB (H/L)	64 / -
Heating Operation	Capacity		kW	5.2 (1.1 ~ 6.7)
			BTU/h	17700 (3750 ~ 22800)
	Electrical Data	Running Current	A	5.75
		Power Input	kW	1.30 (0.24 ~ 1.70)
		COP	W/W	4.00 (4.58 ~ 3.94)
	Annual Consumption		kWh	1330
	Power Factor		%	98
	Noise	Sound Pressure Level	dB-A (H/L)	51 / -
		Sound Power Level	dB (H/L)	66 / -
Maximum Current			A	12.0
Maximum Input Power			W	2.73k
Starting Current			A	6.95
Dimension	Height		mm	619
	Width		mm	824 (+70)
	Depth		mm	299
Net Weight			kg	39
Pipe Length Range (1 room)			m	3 ~ 20
Maximum Pipe Length (Total Room)			m	30
Piping	Standard Length		m	5
	Height Difference		m	10
	Add. Gas Amount		g/m	15
	Pipe Length for Add. Gas		m	20
Refrigerant Pipe Diameter	Liquid Side		mm (inch)	6.35 (1/4)
	Gas Side		mm (inch)	9.52 (3/8)
Compressor	Type			Hermetic Motor / Rotary
	Motor Type			Brushless (6-poles)
	Rated Output		W	900
Fan Motor	Type			Propeller Fan
	Motor Type			DC Motor (8-poles)
	Rated Output		W	40
Fan Speed	High (Cooling / Heating)		RPM	900 / 1000
Heat Exchanger	Type			Plate fin configuration forced draft type
	Tube Material			Copper
	Fin Material			Aluminum (Pre Coat)
	Row / Stage			2 / 28
	FPI			17

Item			Unit	OUTDOOR UNIT	
Air Volume	High (Cooling / Heating)		m ³ /min (ft ³ /mm)	36.9 (1303) / 41.1 (1451)	
Refrigerant Control Device				Expansion Valve	
Refrigerant Oil			cm ³	FV50S (450)	
Refrigerant (R410A)			g	1.40k	
				Dry Bulb	Wet Bulb
Outdoor Operation Range	Cooling	Maximum	°C	43	26
		Minimum	°C	16	11
	Heating	Maximum	°C	24	18
		Minimum	°C	-10	-11

Note

- Specifications are subject to change without notice for further improvement.

2.3 CU-3RE18SBE

Item			Unit	OUTDOOR UNIT
Indoor Unit Combination				1.6kW + 1.6kW + 2.0kW
Power Source				1 Phase, 230V, 50Hz (Power supply from outdoor unit)
Cooling Operation	Capacity		kW	5.2 (1.8 ~ 7.3)
			BTU/h	17700 (6140 ~ 24900)
	Electrical Data	Running Current	A	6.20
		Power Input	kW	1.41 (0.36 ~ 2.39)
		EER	W/W	3.69 (5.00 ~ 3.05)
	Annual Consumption		kWh	705
	Power Factor		%	99
	Noise	Sound Pressure Level	dB-A (H/L)	46 / -
		Sound Power Level	dB (H/L)	60 / -
Heating Operation	Capacity		kW	6.8 (1.6 ~ 8.3)
			BTU/h	23200 (5460 ~ 28300)
	Electrical Data	Running Current	A	7.7
		Power Input	kW	1.66 (0.32 ~ 2.32)
		COP	W/W	4.10 (5.00 ~ 3.58)
	Annual Consumption		kWh	1768
	Power Factor		%	94
	Noise	Sound Pressure Level	dB-A (H/L)	47 / -
		Sound Power Level	dB (H/L)	61 / -
Maximum Current			A	15.2
Starting Current			A	6.2
Maximum Input Power			W	3.46k
Extra Low Temperature	Capacity		kW	3.95
	Input Power		W	1680
	COP		W/W	2.35
Dimension	Height		mm	795
	Width		mm	875 (+95)
	Depth		mm	320
Net Weight			kg	71
Pipe Length Range (1 room)			m	3 ~ 25
Maximum Pipe Length (Total Room)			m	50
Piping	Standard Length		m	5
	Height Difference		m	15
	Add. Gas Amount		g/m	20
	Pipe Length for Add. Gas		m	30
Refrigerant Pipe Diameter	Liquid Side		mm (inch)	6.35 (1/4)
	Gas Side		mm (inch)	9.52 (3/8)
Compressor	Type			Hermetic Motor / Rotary
	Motor Type			Brushless (4-poles)
	Rated Output		W	1.30k
Fan Motor	Type			Propeller Fan
	Motor Type			DC Motor (8-poles)
	Rated Output		W	60
Fan Speed	High (Cooling / Heating)		RPM	580 / 580

Item			Unit	OUTDOOR UNIT	
Heat Exchanger	Type			Plate fin configuration forced draft type	
	Tube Material			Copper	
	Fin Material			Aluminum (Pre Coat)	
	Row / Stage			2 / 36	
	FPI			19	
Air Volume	High (Cooling / Heating)		m ³ /min (ft ³ /mm)	41.7 (1472) / 41.7 (1472)	
Refrigerant Control Device				Expansion Valve	
Refrigerant Oil			cm ³	FV50S (900)	
Refrigerant (R410A)			g	2.64k	
				Dry Bulb	Wet Bulb
Outdoor Operation Range	Cooling	Maximum	°C	43	26
		Minimum	°C	16	11
	Heating	Maximum	°C	24	18
		Minimum	°C	-10	-11

Note

- Specifications are subject to change without notice for further improvement.

- **Multi Split Combination Possibility:**

- A single outdoor unit enables air conditioning of up to two separate rooms for CU-2RE15SBE, CU-2RE18SBE.
- A single outdoor unit enables air conditioning of up to three separate rooms for CU-3RE18SBE.

CONNECTABLE INDOOR UNIT			OUTDOOR UNIT						
			CU-2RE15SBE		CU-2RE18SBE		CU-3RE18SBE		
ROOM			A	B	A	B	A	B	C
Type									
Wall	1.6kW	CS-MRE5SKE	—	—	—	—	●	●	●
	2.0kW	CS-MRE7SKE	●	●	●	●	●	●	●
	2.5kW	CS-RE9RKEW	●	●	●	●	●	●	●
	3.2kW	CS-RE12RKEW	—	●	●	●	—	●	●
	4.0kW	CS-RE15RKEW	—	●	—	●	—	●	●
	5.0kW	CS-RE18RKEW	—	●	—	●	—	—	●
Capacity range of connectable indoor units			From 4.0kW to 5.7kW		From 4.0kW to 7.2kW		From 4.8kW to 9.0kW		
Pipe length	1-room maximum pipe length (m)		20		20		25		
	Allowable elevation (m)		10		10		15		
	Total allowable pipe length (m)		30		30		60		
	Total pipe length for maximum chargeless length (m)		20		20		30		
	Additional gas amount over chargeless length (g/m)		15		15		20		
Note: “●” : Available									
Remarks for CU-2RE15SBE / CU-2RE18SBE									
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-2RE15SBE. (Total nominal capacity of indoor units is between 4.0kW to 5.7kW)									
1) Two CS-MRE7RKEW only (Total nominal cooling capacity is 4.0kW)									
2) One CS-MRE7RKEW and one CS-RE9RKEW. (Total nominal cooling capacity is 4.5kW)									
Remarks for CU-3RE18SBE									
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-3RE18SBE. (Total nominal capacity of indoor units is between 4.8kW to 9.0kW)									
1) Two CS-RE9RKEW only (Total nominal cooling capacity is 5.0kW)									
2) Three CS-RE9RKEW. (Total nominal cooling capacity is 7.5kW)									

- Indoor Unit : CS-MTZ7SKE, CS-MRE7RKE, CS-RE9RKEW, CS-RE12RKEW, CS-TZ9SKEW, CS-TZ12SKEW
- Outdoor Unit : CU-2RE15SBE

Indoor unit capacity Cooling		Total	Cooling Capacity (kW)				Input Power (W)		EER		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			
1 Room	2.0	2.0	2.00		2.00	1.1 ~ 2.5	550	230 ~ 690	3.64	A	275	2.60	1.3
	2.5	2.5	2.50		2.50	1.1 ~ 3.1	710	230 ~ 950	3.52	A	355	3.35	1.5
	3.2	3.2	3.20		3.20	1.1 ~ 3.7	980	230 ~ 1210	3.27	A	490	4.60	1.8
2 Room	2.0 + 2.0	4.0	2.00	2.00	4.00	1.5 ~ 4.6	1170	270 ~ 1340	3.42	A	585	5.45	1.3 + 1.3
	2.0 + 2.5	4.5	1.95	2.45	4.40	1.5 ~ 4.8	1300	270 ~ 1520	3.38	A	650	6.10	1.3 + 1.5
	2.0 + 3.2	5.2	1.70	2.70	4.40	1.5 ~ 4.8	1300	270 ~ 1520	3.38	A	650	6.10	1.1 + 1.6
	2.5 + 2.5	5.0	2.20	2.20	4.40	1.5 ~ 4.8	1300	270 ~ 1520	3.38	A	650	6.10	1.4 + 1.4
	2.5 + 3.2	5.7	1.95	2.45	4.40	1.5 ~ 4.8	1300	270 ~ 1520	3.38	A	650	6.10	1.3 + 1.5

Indoor unit capacity Heating		Total	Heating Capacity (kW)				Input Power (W)		COP		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			
1 Room	2.0	2.0	3.20		3.20	0.7 ~ 4.3	940	190 ~ 1350	3.40	B	470	4.15	
	2.5	2.5	3.60		3.60	0.7 ~ 5.0	1120	190 ~ 1660	3.21	C	560	4.95	
	3.2	3.2	4.50		4.50	0.7 ~ 5.7	1390	190 ~ 1780	3.24	C	695	6.15	
1 Room	2.0 + 2.0	4.0	2.40	2.40	4.80	1.1 ~ 6.3	1200	240 ~ 1610	4.00	A	600	5.35	
	2.0 + 2.5	4.5	2.15	2.65	4.80	1.1 ~ 6.5	1200	240 ~ 1670	4.00	A	600	5.35	
	2.0 + 3.2	5.2	1.85	2.95	4.80	1.1 ~ 6.5	1200	240 ~ 1670	4.00	A	600	5.35	
	2.5 + 2.5	5.0	2.40	2.40	4.80	1.1 ~ 6.5	1200	240 ~ 1670	4.00	A	600	5.35	
	2.5 + 3.2	5.7	2.15	2.65	4.80	1.1 ~ 6.5	1200	240 ~ 1670	4.00	A	600	5.35	

- Indoor Unit : CS-MT7SKE, CS-TZ9SKEW, CS-TZ12SKEW, CS-TZ15SKEW, CS-TZ18SKEW, CS-MRE7RKE, CS-RE9RKEW, CS-RE12RKEW, CS-RE15RKEW, CS-RE18RKEW
- Outdoor Unit : CU-2RE18SBE

Indoor unit capacity Cooling		Total	Cooling Capacity (kW)				Input Power (W)		EER		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			
1 Room	2.0	2.0	2.00		2.00	1.1 ~ 2.5	550	230 ~ 690	3.64	A	275	2.60	1.3
	2.5	2.5	2.50		2.50	1.1 ~ 3.1	710	230 ~ 950	3.52	A	355	3.35	1.5
	3.2	3.2	3.20		3.20	1.1 ~ 3.7	980	230 ~ 1210	3.27	A	490	4.60	1.8
	4.0	4.0	4.00		4.00	1.1 ~ 4.2	1290	230 ~ 1420	3.10	B	645	6.05	2.3
	5.0	5.0	5.00		5.00	1.2 ~ 5.1	1700	240 ~ 1820	2.94	C	850	7.95	2.7
2 Room	2.0 + 2.0	4.0	2.00	2.00	4.00	1.5 ~ 4.6	1160	270 ~ 1340	3.45	A	580	5.45	1.3 + 1.3
	2.0 + 2.5	4.5	2.00	2.50	4.50	1.5 ~ 4.8	1310	270 ~ 1510	3.44	A	655	6.10	1.3 + 1.5
	2.0 + 3.2	5.2	1.85	2.95	4.80	1.5 ~ 4.9	1490	270 ~ 1580	3.22	A	745	6.95	1.2 + 1.7
	2.0 + 4.0	6.0	1.60	3.20	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	1.0 + 1.8
	2.0 + 5.0	7.0	1.35	3.45	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	0.9 + 2.0
	2.5 + 2.5	5.0	2.40	2.40	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	1.5 + 1.5
	2.5 + 3.2	5.7	2.10	2.70	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	1.4 + 1.6
	2.5 + 4.0	6.5	1.85	2.95	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	1.2 + 1.7
	2.5 + 5.0	7.5	1.60	3.20	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	1.0 + 1.8
	3.2 + 3.2	6.4	2.40	2.40	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	1.5 + 1.5
	3.2 + 4.0	7.2	2.15	2.65	4.80	1.5 ~ 5.0	1490	270 ~ 1580	3.22	A	745	6.95	1.4 + 1.6

Indoor unit capacity Heating		Total	Heating Capacity (kW)				Input Power (W)		COP		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			
1 Room	2.0	2.0	3.20		3.20	0.7 ~ 4.3	940	190 ~ 1350	3.40	B	470	4.15	
	2.5	2.5	3.60		3.60	0.7 ~ 5.0	1120	190 ~ 1660	3.21	C	560	4.95	
	3.2	3.2	4.50		4.50	0.7 ~ 5.7	1390	190 ~ 1780	3.24	C	695	6.15	
	4.0	4.0	5.00		5.00	1.1 ~ 6.4	1650	240 ~ 2180	3.03	D	825	7.30	
	5.0	5.0	5.30		5.30	1.1 ~ 6.8	1760	240 ~ 2290	3.01	D	880	7.80	
2 Room	2.0 + 2.0	4.0	2.60	2.60	5.20	1.1 ~ 6.3	1300	240 ~ 1610	4.00	A	650	5.80	
	2.0 + 2.5	4.5	2.30	2.90	5.20	1.1 ~ 6.3	1300	240 ~ 1610	4.00	A	650	5.80	
	2.0 + 3.2	5.2	2.00	3.20	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	2.0 + 4.0	6.0	1.75	3.45	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	2.0 + 5.0	7.0	1.50	3.70	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	2.5 + 2.5	5.0	2.60	2.60	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	2.5 + 3.2	5.7	2.30	2.90	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	2.5 + 4.0	6.5	2.00	3.20	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	2.5 + 5.0	7.5	1.75	3.45	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	3.2 + 3.2	6.4	2.60	2.60	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	
	3.2 + 4.0	7.2	2.30	2.90	5.20	1.1 ~ 6.7	1300	240 ~ 1700	4.00	A	650	5.75	

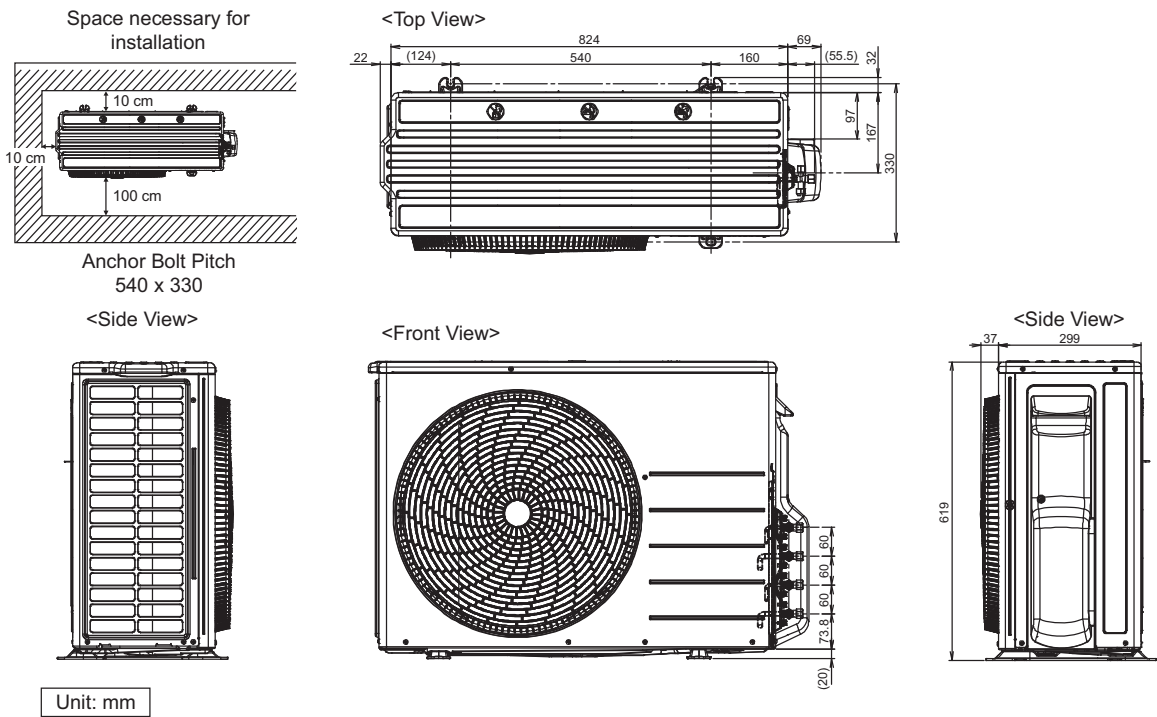
- Indoor Unit : CS-MTZ5SKE, CS-MTZ7SKE, CS-TZ9SKEW, CS-TZ12SKEW, CS-TZ15SKEW, CS-TZ18SKEW, CS-MRE7RKE, CS-RE9RKEW, CS-RE12RKEW, CS-RE15RKEW, CS-RE18RKEW
- Outdoor Unit : CU-3RE18SBE

Indoor unit capacity Cooling		Total	Cooling Capacity (kW)					Input Power (W)		EER		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Room C	Total	min ~ max	Rating	min ~ max	W/W	CLASS			
1 Room	1.6	1.6	1.60			1.60	1.3 ~ 2.3	470	250 ~ 710	3.40	A	235	2.3	1.0
	2.0	2.0	2.00			2.00	1.8 ~ 2.9	570	340 ~ 880	3.51	A	285	2.8	1.3
	2.5	2.5	2.50			2.50	1.8 ~ 2.9	700	340 ~ 880	3.57	A	350	3.3	1.5
	3.2	3.2	3.20			3.20	1.8 ~ 3.8	870	340 ~ 1430	3.68	A	435	4.0	1.8
	4.0	4.0	4.00			4.00	1.8 ~ 4.3	1310	340 ~ 2060	3.05	B	655	5.9	2.3
	5.0	5.0	5.00			5.00	1.9 ~ 5.7	1730	340 ~ 2310	2.89	C	865	7.6	2.7
2 Room	1.6 + 1.6	3.2	1.60	1.60		3.20	1.8 ~ 6.2	790	330 ~ 2230	4.05	A	395	3.6	1.0 + 1.0
	1.6 + 2.0	3.6	1.60	2.00		3.60	1.8 ~ 6.2	940	330 ~ 2190	3.83	A	470	4.2	1.0 + 1.3
	1.6 + 2.5	4.1	1.60	2.50		4.10	1.8 ~ 6.2	1100	330 ~ 2190	3.73	A	550	4.9	1.0 + 1.5
	1.6 + 3.2	4.8	1.60	3.20		4.80	1.8 ~ 6.3	1430	330 ~ 2200	3.36	A	715	6.3	1.0 + 1.8
	1.6 + 4.0	5.6	1.49	3.71		5.20	1.9 ~ 6.4	1620	350 ~ 2240	3.21	A	810	7.1	0.9 + 2.2
	1.6 + 5.0	6.6	1.26	3.94		5.20	1.9 ~ 6.8	1530	340 ~ 2290	3.40	A	765	6.7	0.8 + 2.3
	2.0 + 2.0	4.0	2.00	2.00		4.00	1.8 ~ 6.2	1070	330 ~ 2150	3.74	A	535	4.7	1.3 + 1.3
	2.0 + 2.5	4.5	2.00	2.50		4.50	1.8 ~ 6.2	1280	330 ~ 2150	3.52	A	640	5.6	1.3 + 1.5
	2.0 + 3.2	5.2	2.00	3.20		5.20	1.8 ~ 6.3	1620	330 ~ 2160	3.21	A	810	7.1	1.3 + 1.8
	2.0 + 4.0	6.0	1.73	3.47		5.20	1.9 ~ 6.4	1580	350 ~ 2200	3.29	A	790	6.9	1.1 + 2.0
	2.0 + 5.0	7.0	1.49	3.71		5.20	1.9 ~ 6.8	1530	340 ~ 2290	3.40	A	765	6.7	0.9 + 2.2
	2.5 + 2.5	5.0	2.50	2.50		5.00	1.8 ~ 6.2	1540	330 ~ 2150	3.25	A	770	6.8	1.5 + 1.5
	2.5 + 3.2	5.7	2.28	2.92		5.20	1.9 ~ 6.3	1620	350 ~ 2160	3.21	A	810	7.1	1.5 + 1.7
	2.5 + 4.0	6.5	2.00	3.20		5.20	1.9 ~ 6.4	1580	350 ~ 2200	3.29	A	790	6.9	1.3 + 1.8
	2.5 + 5.0	7.5	1.73	3.47		5.20	1.9 ~ 6.8	1530	340 ~ 2290	3.40	A	765	6.7	1.1 + 2.0
	3.2 + 3.2	6.4	2.60	2.60		5.20	1.9 ~ 6.4	1540	350 ~ 2160	3.38	A	770	6.8	1.6 + 1.6
	3.2 + 4.0	7.2	2.31	2.89		5.20	1.9 ~ 6.5	1540	350 ~ 2210	3.38	A	770	6.8	1.5 + 1.7
	3.2 + 5.0	8.2	2.03	3.17		5.20	1.9 ~ 6.9	1490	360 ~ 2290	3.49	A	745	6.5	1.3 + 1.8
	4.0 + 4.0	8.0	2.60	2.60		5.20	1.9 ~ 6.5	1540	350 ~ 2210	3.38	A	770	6.8	1.6 + 1.6
	4.0 + 5.0	9.0	2.31	2.89		5.20	1.9 ~ 6.9	1490	360 ~ 2290	3.49	A	745	6.5	1.5 + 1.7
3 Room	1.6 + 1.6 + 1.6	4.8	1.60	1.60	1.60	4.80	1.8 ~ 7.2	1260	360 ~ 2340	3.81	A	630	5.5	1.0 + 1.0 + 1.0
	1.6 + 1.6 + 2.0	5.2	1.60	1.60	2.00	5.20	1.8 ~ 7.3	1410	360 ~ 2390	3.69	A	705	6.2	1.0 + 1.0 + 1.3
	1.6 + 1.6 + 2.5	5.7	1.46	1.46	2.28	5.20	1.9 ~ 7.2	1410	390 ~ 2300	3.69	A	705	6.2	0.9 + 0.9 + 1.5
	1.6 + 1.6 + 3.2	6.4	1.30	1.30	2.60	5.20	1.9 ~ 7.2	1410	390 ~ 2250	3.69	A	705	6.2	0.8 + 0.8 + 1.6
	1.6 + 1.6 + 4.0	7.2	1.16	1.16	2.88	5.20	1.8 ~ 7.3	1410	390 ~ 2300	3.69	A	705	6.2	0.7 + 0.7 + 1.7
	1.6 + 1.6 + 5.0	8.2	1.01	1.01	3.18	5.20	1.8 ~ 7.3	1440	420 ~ 2230	3.61	A	720	6.3	0.7 + 0.7 + 1.8
	1.6 + 2.0 + 2.0	5.6	1.48	1.86	1.86	5.20	1.9 ~ 7.2	1410	390 ~ 2300	3.69	A	705	6.2	0.9 + 1.2 + 1.2
	1.6 + 2.0 + 2.5	6.1	1.36	1.70	2.14	5.20	1.9 ~ 7.2	1410	390 ~ 2300	3.69	A	705	6.2	0.9 + 1.1 + 1.4
	1.6 + 2.0 + 3.2	6.8	1.22	1.53	2.45	5.20	1.9 ~ 7.2	1410	390 ~ 2210	3.69	A	705	6.2	0.8 + 1.0 + 1.5
	1.6 + 2.0 + 4.0	7.6	1.09	1.37	2.74	5.20	1.8 ~ 7.3	1410	390 ~ 2300	3.69	A	705	6.2	0.7 + 0.9 + 1.6
	1.6 + 2.0 + 5.0	8.6	0.97	1.21	3.02	5.20	1.8 ~ 7.3	1440	420 ~ 2180	3.61	A	720	6.3	0.7 + 0.8 + 1.7
	1.6 + 2.5 + 2.5	6.6	1.26	1.97	1.97	5.20	1.9 ~ 7.2	1410	390 ~ 2300	3.69	A	705	6.2	0.8 + 1.3 + 1.3
	1.6 + 2.5 + 3.2	7.3	1.14	1.78	2.28	5.20	1.8 ~ 7.3	1410	390 ~ 2300	3.69	A	705	6.2	0.7 + 1.1 + 1.5
	1.6 + 2.5 + 4.0	8.1	1.03	1.60	2.57	5.20	1.8 ~ 7.3	1410	390 ~ 2300	3.69	A	705	6.2	0.7 + 1.0 + 1.6
	1.6 + 3.2 + 3.2	8.0	1.04	2.08	2.08	5.20	1.8 ~ 7.3	1370	390 ~ 2250	3.80	A	685	6.0	0.7 + 1.3 + 1.3
	1.6 + 3.2 + 4.0	8.8	0.95	1.89	2.36	5.20	1.8 ~ 7.3	1370	390 ~ 2250	3.80	A	685	6.0	0.7 + 1.2 + 1.5
	2.0 + 2.0 + 2.0	6.0	1.73	1.73	1.73	5.19	1.9 ~ 7.2	1410	390 ~ 2250	3.68	A	705	6.2	1.1 + 1.1 + 1.1
	2.0 + 2.0 + 2.5	6.5	1.60	1.60	2.00	5.20	1.9 ~ 7.2	1410	390 ~ 2250	3.69	A	705	6.2	1.0 + 1.0 + 1.3
	2.0 + 2.0 + 3.2	7.2	1.44	1.44	2.32	5.20	1.9 ~ 7.2	1370	390 ~ 2210	3.80	A	685	6.0	0.9 + 0.9 + 1.5
	2.0 + 2.0 + 4.0	8.0	1.30	1.30	2.60	5.20	1.8 ~ 7.3	1370	390 ~ 2250	3.80	A	685	6.0	0.8 + 0.8 + 1.6
	2.0 + 2.0 + 5.0	9.0	1.16	1.16	2.88	5.20	1.8 ~ 7.3	1440	420 ~ 2180	3.61	A	720	6.3	0.7 + 0.7 + 1.7
	2.0 + 2.5 + 2.5	7.0	1.48	1.86	1.86	5.20	1.9 ~ 7.2	1410	390 ~ 2250	3.69	A	705	6.2	0.9 + 1.2 + 1.2
	2.0 + 2.5 + 3.2	7.7	1.35	1.69	2.16	5.20	1.9 ~ 7.2	1370	390 ~ 2210	3.80	A	685	6.0	0.9 + 1.1 + 1.4
	2.0 + 2.5 + 4.0	8.5	1.22	1.53	2.45	5.20	1.8 ~ 7.3	1370	390 ~ 2250	3.80	A	685	6.0	0.8 + 1.0 + 1.5
	2.0 + 3.2 + 3.2	8.4	1.24	1.98	1.98	5.20	1.8 ~ 7.3	1370	390 ~ 2210	3.80	A	685	6.0	0.8 + 1.3 + 1.3
	2.5 + 2.5 + 2.5	7.5	1.73	1.73	1.73	5.19	1.9 ~ 7.2	1410	390 ~ 2250	3.68	A	705	6.2	1.1 + 1.1 + 1.1
	2.5 + 2.5 + 3.2	8.2	1.59	1.59	2.02	5.20	1.9 ~ 7.2	1370	390 ~ 2210	3.80	A	685	6.0	1.0 + 1.0 + 1.3
	2.5 + 2.5 + 4.0	9.0	1.44	1.44	2.32	5.20	1.8 ~ 7.3	1370	390 ~ 2250	3.80	A	685	6.0	0.9 + 0.9 + 1.5
	2.5 + 3.2 + 3.2	8.9	1.46	1.87	1.87	5.20	1.8 ~ 7.3	1370	390 ~ 2210	3.80	A	685	6.0	0.9 + 1.2 + 1.2

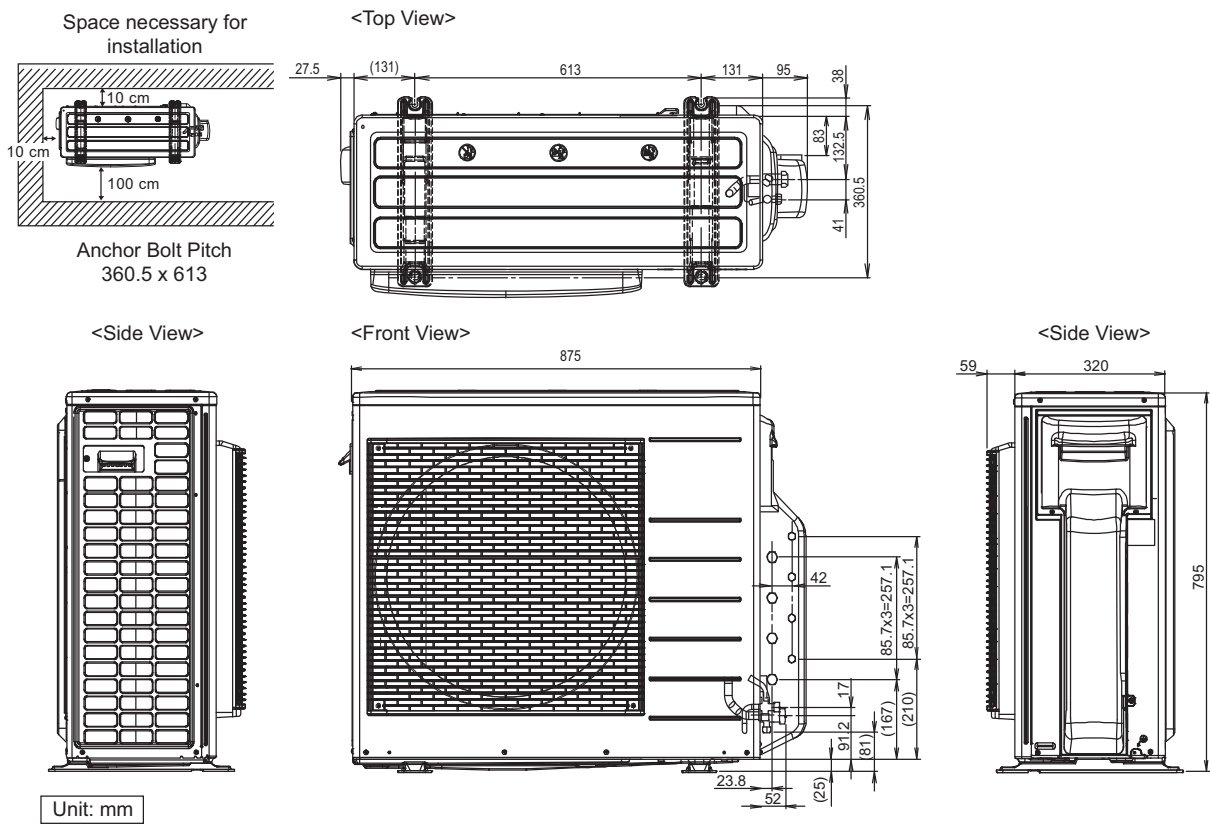
Indoor unit capacity Heating		Total	Heating Capacity (kW)					Input Power (W)		COP		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Room C	Total	min ~ max	Rating	min ~ max	WW	CLASS			
1 Room	1.6	1.6	2.60			2.60	1.2 ~ 3.2	670	300 ~ 1030	3.88	A	335	3.4	
	2.0	2.0	3.20			3.20	1.2 ~ 4.1	810	300 ~ 1300	3.95	A	405	4.0	
	2.5	2.5	3.60			3.60	1.2 ~ 4.3	1010	300 ~ 1300	3.56	B	505	4.8	
	3.2	3.2	4.50			4.50	1.2 ~ 5.8	1300	300 ~ 2170	3.46	B	650	6.2	
	4.0	4.0	5.60			5.60	1.2 ~ 6.8	1790	300 ~ 3000	3.13	D	895	7.9	
	5.0	5.0	6.80			6.80	1.2 ~ 6.9	2280	300 ~ 2700	2.98	D	1140	10.0	
2 Room	1.6 + 1.6	3.2	2.60	2.60		5.20	1.4 ~ 7.0	1380	340 ~ 2070	3.77	A	690	6.4	
	1.6 + 2.0	3.6	2.49	3.11		5.60	1.4 ~ 7.0	1500	330 ~ 2040	3.73	A	750	6.9	
	1.6 + 2.5	4.1	2.42	3.78		6.20	1.4 ~ 7.0	1680	330 ~ 2040	3.69	A	840	7.8	
	1.6 + 3.2	4.8	2.13	4.27		6.40	1.4 ~ 7.3	1700	310 ~ 2130	3.76	A	850	7.8	
	1.6 + 4.0	5.6	1.94	4.86		6.80	1.4 ~ 7.3	1820	310 ~ 2120	3.74	A	910	8.3	
	1.6 + 5.0	6.6	1.65	5.15		6.80	1.4 ~ 8.0	1790	240 ~ 2340	3.80	A	895	8.2	
	2.0 + 2.0	4.0	2.90	2.90		5.80	1.4 ~ 7.0	1520	320 ~ 2030	3.82	A	760	7.0	
	2.0 + 2.5	4.5	2.84	3.56		6.40	1.4 ~ 7.0	1740	320 ~ 2030	3.68	A	870	8.0	
	2.0 + 3.2	5.2	2.62	4.18		6.80	1.4 ~ 7.3	1820	310 ~ 2120	3.74	A	910	8.3	
	2.0 + 4.0	6.0	2.27	4.53		6.80	1.4 ~ 7.3	1820	280 ~ 2080	3.74	A	910	8.3	
	2.0 + 5.0	7.0	1.94	4.86		6.80	1.4 ~ 8.0	1780	240 ~ 2330	3.82	A	890	8.1	
	2.5 + 2.5	5.0	3.40	3.40		6.80	1.4 ~ 7.0	1870	320 ~ 2030	3.64	A	935	8.5	
	2.5 + 3.2	5.7	2.98	3.82		6.80	1.4 ~ 7.3	1820	310 ~ 2120	3.74	A	910	8.3	
	2.5 + 4.0	6.5	2.62	4.18		6.80	1.4 ~ 7.3	1820	280 ~ 2080	3.74	A	910	8.3	
	2.5 + 5.0	7.5	2.27	4.53		6.80	1.4 ~ 8.0	1780	240 ~ 2330	3.82	A	890	8.1	
	3.2 + 3.2	6.4	3.40	3.40		6.80	1.4 ~ 7.5	1810	270 ~ 2140	3.76	A	905	8.3	
	3.2 + 4.0	7.2	3.02	3.78		6.80	1.4 ~ 7.5	1800	260 ~ 2140	3.78	A	900	8.2	
	3.2 + 5.0	8.2	2.65	4.15		6.80	1.4 ~ 8.0	1760	240 ~ 2270	3.86	A	880	8.0	
	4.0 + 4.0	8.0	3.40	3.40		6.80	1.4 ~ 7.6	1760	260 ~ 2170	3.86	A	880	8.0	
	4.0 + 5.0	9.0	3.02	3.78		6.80	1.4 ~ 8.0	1750	240 ~ 2270	3.89	A	875	8.0	
3 Room	1.6 + 1.6 + 1.6	4.8	2.26	2.26	2.26	6.78	1.5 ~ 8.1	1670	290 ~ 2250	4.06	A	835	7.7	
	1.6 + 1.6 + 2.0	5.2	2.09	2.09	2.62	6.80	1.6 ~ 8.3	1660	320 ~ 2320	4.10	A	830	7.7	
	1.6 + 1.6 + 2.5	5.7	1.91	1.91	2.98	6.80	1.6 ~ 8.3	1660	320 ~ 2320	4.10	A	830	7.7	
	1.6 + 1.6 + 3.2	6.4	1.70	1.70	3.40	6.80	1.6 ~ 8.3	1640	310 ~ 2250	4.15	A	820	7.6	
	1.6 + 1.6 + 4.0	7.2	1.51	1.51	3.78	6.80	1.6 ~ 8.3	1630	310 ~ 2250	4.17	A	815	7.5	
	1.6 + 1.6 + 5.0	8.2	1.33	1.33	4.14	6.80	1.6 ~ 8.3	1640	360 ~ 2220	4.15	A	820	7.6	
	1.6 + 2.0 + 2.0	5.6	1.94	2.43	2.43	6.80	1.6 ~ 8.3	1650	310 ~ 2270	4.12	A	825	7.6	
	1.6 + 2.0 + 2.5	6.1	1.78	2.23	2.79	6.80	1.6 ~ 8.3	1650	310 ~ 2270	4.12	A	825	7.6	
	1.6 + 2.0 + 3.2	6.8	1.60	2.00	3.20	6.80	1.6 ~ 8.3	1630	310 ~ 2250	4.17	A	815	7.5	
	1.6 + 2.0 + 4.0	7.6	1.43	1.79	3.58	6.80	1.6 ~ 8.3	1630	310 ~ 2240	4.17	A	815	7.5	
	1.6 + 2.0 + 5.0	8.6	1.27	1.58	3.95	6.80	1.6 ~ 8.3	1630	360 ~ 2220	4.17	A	815	7.5	
	1.6 + 2.5 + 2.5	6.6	1.64	2.58	2.58	6.80	1.6 ~ 8.3	1650	310 ~ 2270	4.12	A	825	7.6	
	1.6 + 2.5 + 3.2	7.3	1.49	2.33	2.98	6.80	1.6 ~ 8.3	1630	310 ~ 2250	4.17	A	815	7.5	
	1.6 + 2.5 + 4.0	8.1	1.34	2.10	3.36	6.80	1.6 ~ 8.3	1630	310 ~ 2240	4.17	A	815	7.5	
	1.6 + 3.2 + 3.2	8.0	1.36	2.72	2.72	6.80	1.6 ~ 8.3	1610	320 ~ 2220	4.22	A	805	7.4	
	1.6 + 3.2 + 4.0	8.8	1.24	2.47	3.09	6.80	1.6 ~ 8.3	1610	320 ~ 2210	4.22	A	805	7.4	
	2.0 + 2.0 + 2.0	6.0	2.26	2.26	2.26	6.78	1.6 ~ 8.3	1650	310 ~ 2260	4.11	A	825	7.6	
	2.0 + 2.0 + 2.5	6.5	2.09	2.09	2.62	6.80	1.6 ~ 8.3	1650	310 ~ 2260	4.12	A	825	7.6	
	2.0 + 2.0 + 3.2	7.2	1.89	1.89	3.02	6.80	1.6 ~ 8.3	1630	310 ~ 2240	4.17	A	815	7.5	
	2.0 + 2.0 + 4.0	8.0	1.70	1.70	3.40	6.80	1.6 ~ 8.3	1620	320 ~ 2230	4.20	A	810	7.5	
	2.0 + 2.0 + 5.0	9.0	1.51	1.51	3.78	6.80	1.6 ~ 8.3	1630	360 ~ 2210	4.17	A	815	7.5	
	2.0 + 2.5 + 2.5	7.0	1.94	2.43	2.43	6.80	1.6 ~ 8.3	1650	310 ~ 2260	4.12	A	825	7.6	
	2.0 + 2.5 + 3.2	7.7	1.76	2.21	2.83	6.80	1.6 ~ 8.3	1630	310 ~ 2240	4.17	A	815	7.5	
	2.0 + 2.5 + 4.0	8.5	1.60	2.00	3.20	6.80	1.6 ~ 8.3	1620	320 ~ 2230	4.20	A	810	7.5	
	2.0 + 3.2 + 3.2	8.4	1.62	2.59	2.59	6.80	1.6 ~ 8.3	1610	320 ~ 2210	4.22	A	805	7.4	
	2.5 + 2.5 + 2.5	7.5	2.26	2.26	2.26	6.78	1.6 ~ 8.3	1650	310 ~ 2260	4.11	A	825	7.6	
	2.5 + 2.5 + 3.2	8.2	2.07	2.07	2.66	6.80	1.6 ~ 8.3	1630	310 ~ 2240	4.17	A	815	7.5	
	2.5 + 2.5 + 4.0	9.0	1.89	1.89	3.02	6.80	1.6 ~ 8.3	1620	320 ~ 2230	4.20	A	810	7.5	
	2.5 + 3.2 + 3.2	8.9	1.92	2.44	2.44	6.80	1.6 ~ 8.3	1610	320 ~ 2210	4.22	A	805	7.4	

3. Dimensions

3.1 CU-2RE15SBE CU-2RE18SBE

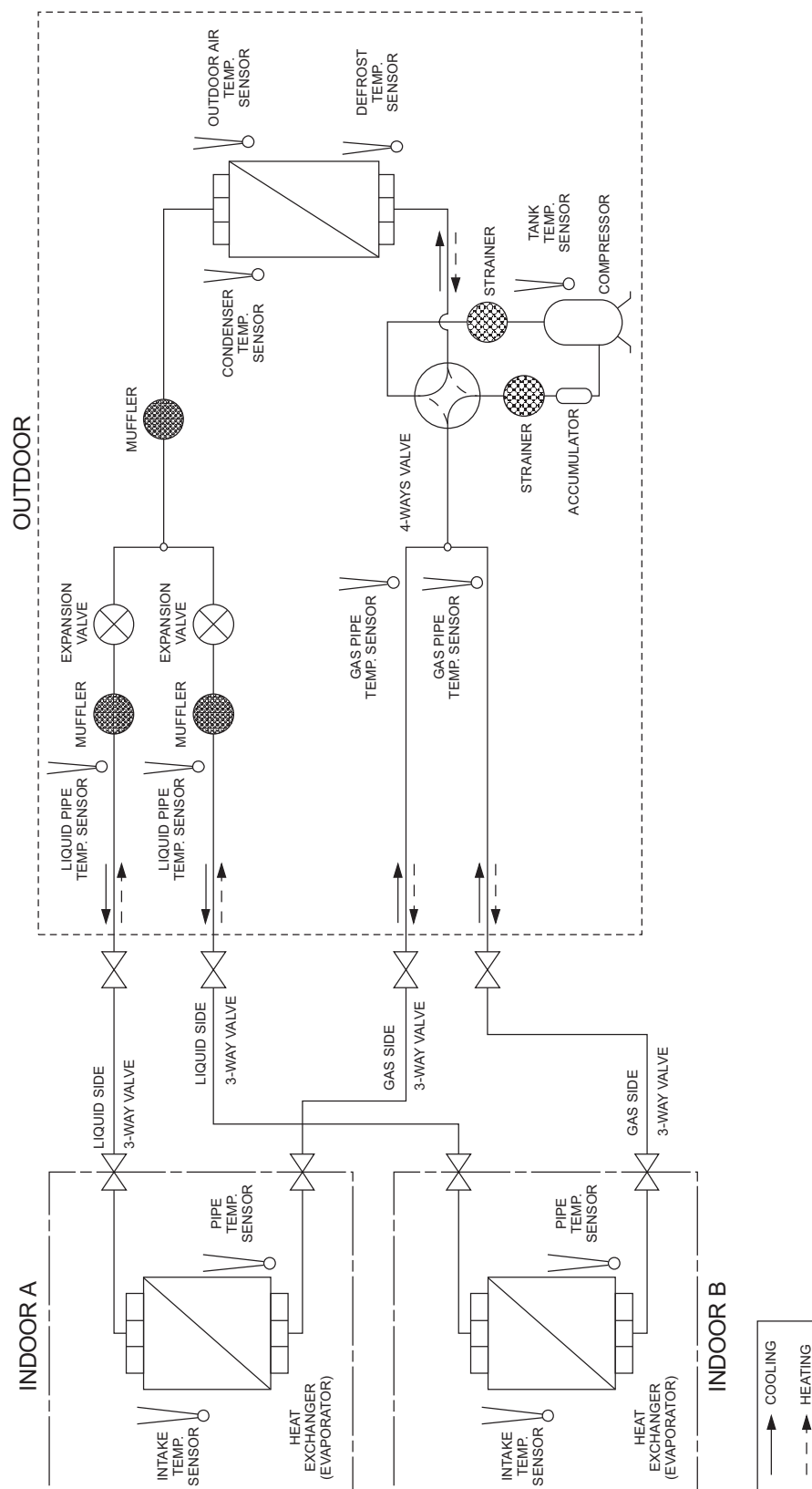


3.2 CU-3RE18SBE

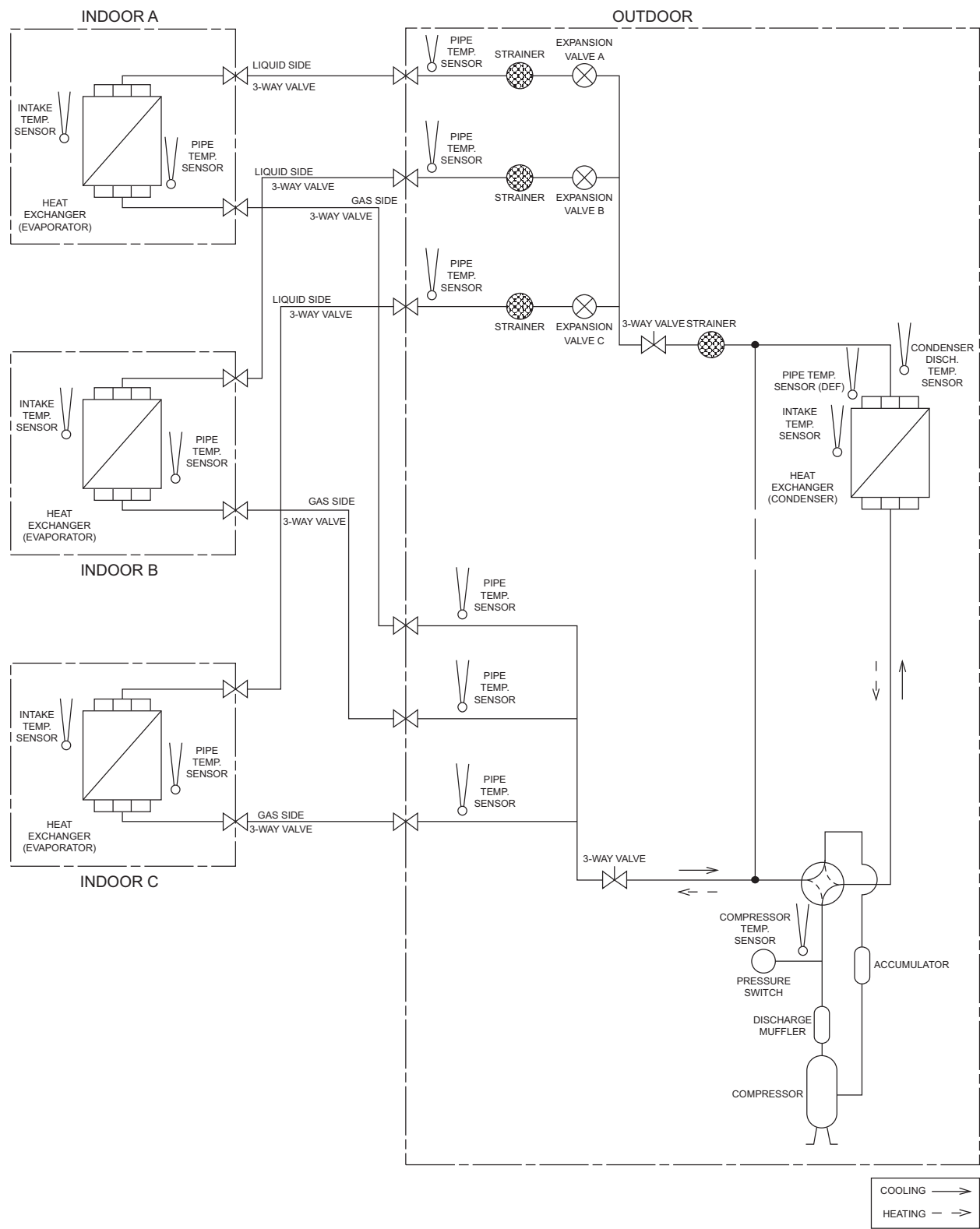


4. Refrigeration Cycle Diagram

4.1 CU-2RE15SBE CU-2RE18SBE

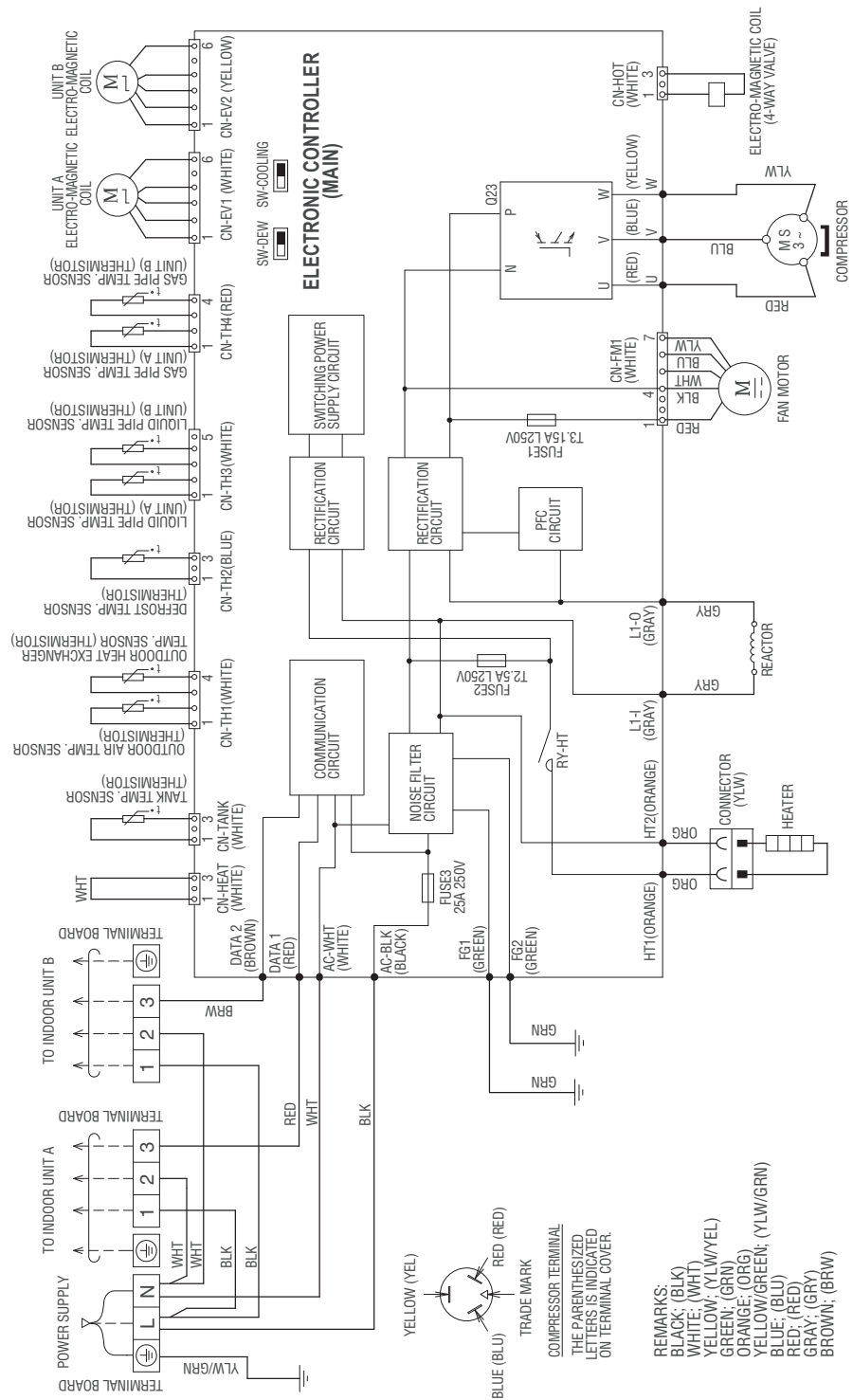


4.2 CU-3RE18SBE



6.1 CU-2RE15SBE CU-2RE18SBE

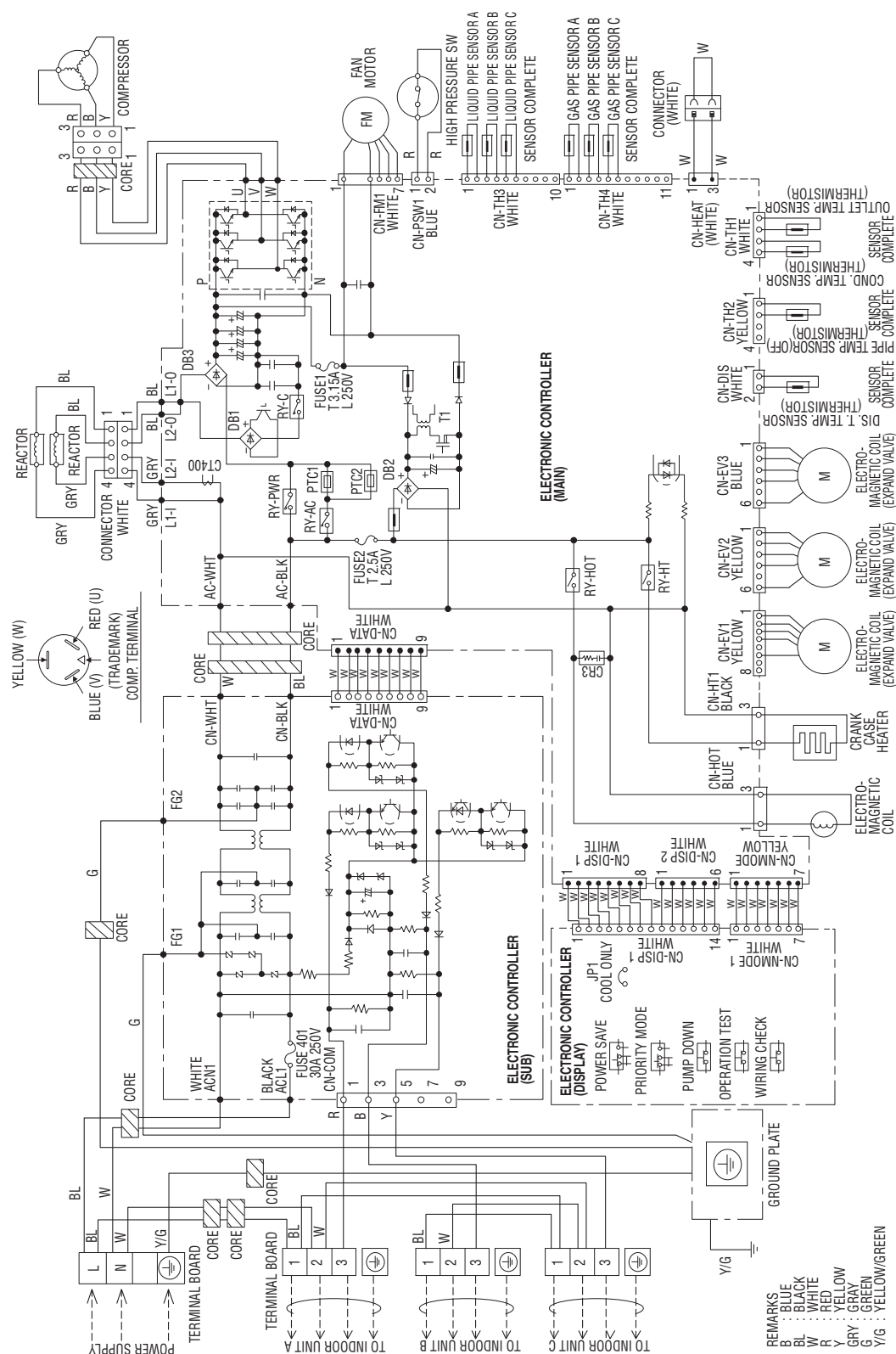
Resistance of Compressor Windings	
CONNECTION	5RD132XFC21 (Ω)
U - V	1.152
U - W	1.152
V - W	1.152



6.2 CU-3RE18SBE

Resistance of Compressor Windings

CONNECTION	5KD184XAB21 (Ω)
U - V	0.720
U - W	0.726
V - W	0.708



17. Technical Data

Technical data provided are based on the air conditioner running under free frequency.

17.1 Cool Mode Performance Data

Unit setting: Standard piping length, Hi Fan, Cool mode at 16°C

Voltage: 230V, 50Hz

17.1.1 CU-2RE15SBE

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0	22	2.27	0.36	2.11	0.31	2.05	0.29	1.94	0.26	2.71	0.35	3.23	0.41
	25	2.36	0.45	2.37	0.42	2.37	0.41	2.38	0.39	2.88	0.45	3.21	0.48
	29	2.35	0.55	2.49	0.54	2.53	0.54	2.62	0.53	2.93	0.55	3.13	0.57
	32	2.26	0.62	2.44	0.62	2.50	0.62	2.61	0.62	2.86	0.62	3.02	0.63
	35	2.14	0.68	2.32	0.68	2.38	0.69	2.50	0.69	2.73	0.68	2.89	0.68
	40	1.95	0.76	2.06	0.77	2.10	0.77	2.18	0.78	2.46	0.77	2.64	0.76
	43	1.88	0.80	1.94	0.80	1.95	0.80	1.99	0.81	2.29	0.80	2.49	0.80
	46	1.90	0.83	1.88	0.83	1.87	0.82	1.86	0.82	2.16	0.83	2.36	0.83
2.5	22	2.82	0.50	2.61	0.43	2.54	0.41	2.41	0.36	3.37	0.48	4.00	0.56
	25	2.93	0.62	2.94	0.57	2.94	0.56	2.95	0.53	3.57	0.61	3.99	0.67
	29	2.91	0.76	3.08	0.74	3.14	0.74	3.25	0.73	3.63	0.76	3.88	0.78
	32	2.80	0.85	3.02	0.85	3.09	0.85	3.24	0.85	3.54	0.86	3.75	0.86
	35	2.66	0.93	2.88	0.94	2.95	0.94	3.10	0.95	3.39	0.94	3.58	0.93
	40	2.42	1.05	2.56	1.06	2.61	1.06	2.70	1.07	3.05	1.05	3.28	1.04
	43	2.33	1.10	2.40	1.10	2.42	1.11	2.47	1.11	2.84	1.10	3.09	1.10
	46	2.36	1.15	2.33	1.14	2.32	1.14	2.30	1.13	2.68	1.14	2.93	1.15
3.2	22	3.36	0.63	3.12	0.55	3.04	0.52	2.88	0.46	4.02	0.61	4.78	0.72
	25	3.50	0.78	3.51	0.73	3.51	0.71	3.52	0.68	4.26	0.78	4.76	0.85
	29	3.48	0.97	3.68	0.95	3.75	0.94	3.88	0.93	4.33	0.97	4.63	0.99
	32	3.34	1.08	3.60	1.08	3.69	1.08	3.87	1.08	4.23	1.09	4.47	1.10
	35	3.17	1.19	3.44	1.20	3.52	1.20	3.70	1.21	4.04	1.20	4.27	1.19
	40	2.89	1.34	3.06	1.35	3.11	1.36	3.22	1.36	3.64	1.34	3.91	1.33
	43	2.78	1.40	2.86	1.41	2.89	1.41	2.95	1.42	3.39	1.40	3.69	1.40
	46	2.81	1.46	2.78	1.45	2.77	1.45	2.75	1.44	3.20	1.45	3.50	1.46
2.0 + 2.0	22	6.20	0.86	5.19	0.84	4.85	0.84	4.17	0.83	4.79	0.83	5.20	0.83
	25	5.63	0.99	5.21	0.99	5.08	0.98	4.80	0.98	5.36	0.98	5.74	0.98
	29	5.02	1.14	5.04	1.14	5.05	1.14	5.06	1.14	5.55	1.14	5.87	1.14
	32	4.68	1.24	4.80	1.25	4.84	1.25	4.92	1.25	5.37	1.25	5.66	1.25
	35	4.42	1.34	4.51	1.34	4.54	1.34	4.60	1.34	5.01	1.34	5.28	1.34
	40	4.00	1.45	3.97	1.45	3.96	1.45	3.93	1.45	4.26	1.45	4.48	1.45
	43	3.73	1.51	3.66	1.50	3.63	1.50	3.58	1.49	3.86	1.49	4.05	1.49
	46	3.40	1.53	3.40	1.52	3.40	1.52	3.40	1.51	3.61	1.51	3.76	1.51

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5	22	6.47	0.97	5.41	0.96	5.06	0.95	4.35	0.94	5.00	0.94	5.43	0.94
	25	5.87	1.13	5.44	1.12	5.30	1.11	5.01	1.11	5.60	1.11	5.99	1.11
	29	5.24	1.30	5.26	1.30	5.27	1.30	5.28	1.30	5.79	1.30	6.13	1.30
	32	4.89	1.40	5.01	1.41	5.05	1.42	5.13	1.42	5.60	1.42	5.91	1.42
	35	4.61	1.52	4.70	1.52	4.74	1.52	4.80	1.52	5.22	1.52	5.51	1.52
	40	4.18	1.65	4.14	1.65	4.13	1.65	4.10	1.65	4.45	1.65	4.68	1.65
	43	3.89	1.71	3.82	1.70	3.79	1.70	3.74	1.69	4.03	1.69	4.23	1.69
	46	3.55	1.73	3.55	1.73	3.55	1.72	3.55	1.72	3.77	1.72	3.92	1.72
2.0 + 3.2	22	6.47	0.97	5.41	0.96	5.06	0.95	4.35	0.94	5.00	0.94	5.43	0.94
	25	5.87	1.13	5.44	1.12	5.30	1.11	5.01	1.11	5.60	1.11	5.99	1.11
	29	5.24	1.30	5.26	1.30	5.27	1.30	5.28	1.30	5.79	1.30	6.13	1.30
	32	4.89	1.40	5.01	1.41	5.05	1.42	5.13	1.42	5.60	1.42	5.91	1.42
	35	4.61	1.52	4.70	1.52	4.74	1.52	4.80	1.52	5.22	1.52	5.51	1.52
	40	4.18	1.65	4.14	1.65	4.13	1.65	4.10	1.65	4.45	1.65	4.68	1.65
	43	3.89	1.71	3.82	1.70	3.79	1.70	3.74	1.69	4.03	1.69	4.23	1.69
	46	3.55	1.73	3.55	1.73	3.55	1.72	3.55	1.72	3.77	1.72	3.92	1.72
2.5 + 2.5	22	6.47	0.97	5.41	0.96	5.06	0.95	4.35	0.94	5.00	0.94	5.43	0.94
	25	5.87	1.13	5.44	1.12	5.30	1.11	5.01	1.11	5.60	1.11	5.99	1.11
	29	5.24	1.30	5.26	1.30	5.27	1.30	5.28	1.30	5.79	1.30	6.13	1.30
	32	4.89	1.40	5.01	1.41	5.05	1.42	5.13	1.42	5.60	1.42	5.91	1.42
	35	4.61	1.52	4.70	1.52	4.74	1.52	4.80	1.52	5.22	1.52	5.51	1.52
	40	4.18	1.65	4.14	1.65	4.13	1.65	4.10	1.65	4.45	1.65	4.68	1.65
	43	3.89	1.71	3.82	1.70	3.79	1.70	3.74	1.69	4.03	1.69	4.23	1.69
	46	3.55	1.73	3.55	1.73	3.55	1.72	3.55	1.72	3.77	1.72	3.92	1.72
2.5 + 3.2	22	6.47	0.97	5.41	0.96	5.06	0.95	4.35	0.94	5.00	0.94	5.43	0.94
	25	5.87	1.13	5.44	1.12	5.30	1.11	5.01	1.11	5.60	1.11	5.99	1.11
	29	5.24	1.30	5.26	1.30	5.27	1.30	5.28	1.30	5.79	1.30	6.13	1.30
	32	4.89	1.40	5.01	1.41	5.05	1.42	5.13	1.42	5.60	1.42	5.91	1.42
	35	4.61	1.52	4.70	1.52	4.74	1.52	4.80	1.52	5.22	1.52	5.51	1.52
	40	4.18	1.65	4.14	1.65	4.13	1.65	4.10	1.65	4.45	1.65	4.68	1.65
	43	3.89	1.71	3.82	1.70	3.79	1.70	3.74	1.69	4.03	1.69	4.23	1.69
	46	3.55	1.73	3.55	1.73	3.55	1.72	3.55	1.72	3.77	1.72	3.92	1.72

Total Q = Total Capacity (kW)

Input Power = Input Power (kW)

17.1.2 CU-2RE18SBE

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0	22	2.27	0.36	2.11	0.31	2.05	0.29	1.94	0.26	2.71	0.35	3.23	0.41
	25	2.36	0.45	2.37	0.42	2.37	0.41	2.38	0.39	2.88	0.45	3.21	0.48
	29	2.35	0.55	2.49	0.54	2.53	0.54	2.62	0.53	2.93	0.55	3.13	0.57
	32	2.26	0.62	2.44	0.62	2.50	0.62	2.61	0.62	2.86	0.62	3.02	0.63
	35	2.14	0.68	2.32	0.68	2.38	0.69	2.50	0.69	2.73	0.68	2.89	0.68
	40	1.95	0.76	2.06	0.77	2.10	0.77	2.18	0.78	2.46	0.77	2.64	0.76
	43	1.88	0.80	1.94	0.80	1.95	0.80	1.99	0.81	2.29	0.80	2.49	0.80
	46	1.90	0.83	1.88	0.83	1.87	0.82	1.86	0.82	2.16	0.83	2.36	0.83
2.5	22	2.82	0.50	2.61	0.43	2.54	0.41	2.41	0.36	3.37	0.48	4.00	0.56
	25	2.93	0.62	2.94	0.57	2.94	0.56	2.95	0.53	3.57	0.61	3.99	0.67
	29	2.91	0.76	3.08	0.74	3.14	0.74	3.25	0.73	3.63	0.76	3.88	0.78
	32	2.80	0.85	3.02	0.85	3.09	0.85	3.24	0.85	3.54	0.86	3.75	0.86
	35	2.66	0.93	2.88	0.94	2.95	0.94	3.10	0.95	3.39	0.94	3.58	0.93
	40	2.42	1.05	2.56	1.06	2.61	1.06	2.70	1.07	3.05	1.05	3.28	1.04
	43	2.33	1.10	2.40	1.10	2.42	1.11	2.47	1.11	2.84	1.10	3.09	1.10
	46	2.36	1.15	2.33	1.14	2.32	1.14	2.30	1.13	2.68	1.14	2.93	1.15
3.2	22	3.36	0.63	3.12	0.55	3.04	0.52	2.88	0.46	4.02	0.61	4.78	0.72
	25	3.50	0.78	3.51	0.73	3.51	0.71	3.52	0.68	4.26	0.78	4.76	0.85
	29	3.48	0.97	3.68	0.95	3.75	0.94	3.88	0.93	4.33	0.97	4.63	0.99
	32	3.34	1.08	3.60	1.08	3.69	1.08	3.87	1.08	4.23	1.09	4.47	1.10
	35	3.17	1.19	3.44	1.20	3.52	1.20	3.70	1.21	4.04	1.20	4.27	1.19
	40	2.89	1.34	3.06	1.35	3.11	1.36	3.22	1.36	3.64	1.34	3.91	1.33
	43	2.78	1.40	2.86	1.41	2.89	1.41	2.95	1.42	3.39	1.40	3.69	1.40
	46	2.81	1.46	2.78	1.45	2.77	1.45	2.75	1.44	3.20	1.45	3.50	1.46
4.0	22	3.82	0.74	3.54	0.64	3.45	0.61	3.26	0.54	4.56	0.72	5.42	0.84
	25	3.97	0.92	3.98	0.86	3.99	0.84	4.00	0.79	4.84	0.92	5.40	1.00
	29	3.95	1.14	4.18	1.11	4.25	1.10	4.40	1.09	4.92	1.13	5.26	1.17
	32	3.79	1.27	4.09	1.27	4.19	1.27	4.39	1.27	4.80	1.28	5.08	1.29
	35	3.60	1.39	3.90	1.41	4.00	1.41	4.20	1.42	4.59	1.40	4.85	1.39
	40	3.28	1.57	3.47	1.59	3.53	1.59	3.66	1.60	4.13	1.58	4.44	1.56
	43	3.16	1.64	3.25	1.65	3.28	1.65	3.35	1.66	3.85	1.65	4.19	1.64
	46	3.19	1.71	3.16	1.70	3.14	1.70	3.12	1.69	3.63	1.70	3.97	1.71
5.0	22	4.63	0.95	4.30	0.82	4.19	0.78	3.96	0.69	5.54	0.92	6.59	1.08
	25	4.82	1.18	4.84	1.10	4.84	1.07	4.85	1.02	5.88	1.17	6.56	1.28
	29	4.79	1.46	5.07	1.43	5.16	1.42	5.35	1.39	5.97	1.45	6.38	1.50
	32	4.60	1.62	4.97	1.62	5.09	1.62	5.33	1.62	5.83	1.64	6.16	1.66
	35	4.37	1.79	4.74	1.80	4.86	1.81	5.10	1.82	5.57	1.80	5.89	1.79
	40	3.98	2.02	4.21	2.03	4.29	2.04	4.44	2.05	5.01	2.02	5.39	2.00
	43	3.83	2.10	3.95	2.12	3.99	2.12	4.07	2.13	4.68	2.11	5.09	2.10
	46	3.88	2.20	3.83	2.18	3.82	2.18	3.79	2.16	4.41	2.18	4.82	2.20

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.0	22	6.20	0.86	5.19	0.84	4.85	0.84	4.17	0.83	4.79	0.83	5.20	0.83
	25	5.63	0.99	5.21	0.99	5.08	0.98	4.80	0.98	5.36	0.98	5.74	0.98
	29	5.02	1.14	5.04	1.14	5.05	1.14	5.06	1.14	5.55	1.14	5.87	1.14
	32	4.68	1.24	4.80	1.25	4.84	1.25	4.92	1.25	5.37	1.25	5.66	1.25
	35	4.42	1.34	4.51	1.34	4.54	1.34	4.60	1.34	5.01	1.34	5.28	1.34
	40	4.00	1.45	3.97	1.45	3.96	1.45	3.93	1.45	4.26	1.45	4.48	1.45
	43	3.73	1.51	3.66	1.50	3.63	1.50	3.58	1.49	3.86	1.49	4.05	1.49
	46	3.40	1.53	3.40	1.52	3.40	1.52	3.40	1.51	3.61	1.51	3.76	1.51
2.0 + 2.5	22	6.47	0.97	5.41	0.95	5.06	0.94	4.35	0.93	5.00	0.93	5.43	0.93
	25	5.87	1.12	5.44	1.11	5.30	1.11	5.01	1.10	5.60	1.10	5.99	1.10
	29	5.24	1.29	5.26	1.29	5.27	1.29	5.28	1.29	5.79	1.29	6.13	1.29
	32	4.89	1.39	5.01	1.40	5.05	1.41	5.13	1.41	5.60	1.41	5.91	1.41
	35	4.61	1.51	4.70	1.51	4.74	1.51	4.80	1.51	5.22	1.51	5.51	1.51
	40	4.18	1.63	4.14	1.63	4.13	1.63	4.10	1.63	4.45	1.63	4.68	1.63
	43	3.89	1.70	3.82	1.69	3.79	1.68	3.74	1.68	4.03	1.68	4.23	1.68
	46	3.55	1.72	3.55	1.71	3.55	1.71	3.55	1.71	3.77	1.71	3.92	1.71
2.0 + 3.2	22	6.61	1.01	5.52	0.99	5.16	0.99	4.44	0.98	5.10	0.98	5.54	0.98
	25	5.99	1.17	5.55	1.16	5.41	1.16	5.11	1.15	5.71	1.15	6.11	1.15
	29	5.35	1.35	5.37	1.35	5.38	1.35	5.39	1.35	5.91	1.35	6.26	1.35
	32	4.99	1.46	5.11	1.47	5.16	1.47	5.24	1.48	5.72	1.48	6.03	1.48
	35	4.70	1.58	4.80	1.58	4.83	1.58	4.90	1.58	5.33	1.58	5.62	1.58
	40	4.27	1.71	4.23	1.71	4.21	1.71	4.19	1.71	4.54	1.71	4.77	1.71
	43	3.97	1.78	3.89	1.77	3.87	1.76	3.82	1.76	4.12	1.76	4.31	1.76
	46	3.62	1.80	3.62	1.79	3.62	1.79	3.62	1.78	3.85	1.78	4.00	1.78
2.0 + 4.0	22	6.74	1.01	5.64	0.99	5.27	0.99	4.53	0.98	5.21	0.98	5.66	0.98
	25	6.12	1.17	5.67	1.16	5.52	1.16	5.22	1.15	5.83	1.15	6.24	1.15
	29	5.46	1.35	5.48	1.35	5.48	1.35	5.50	1.35	6.03	1.35	6.38	1.35
	32	5.09	1.46	5.22	1.47	5.26	1.47	5.35	1.48	5.83	1.48	6.16	1.48
	35	4.80	1.58	4.90	1.58	4.93	1.58	5.00	1.58	5.44	1.58	5.74	1.58
	40	4.35	1.71	4.31	1.71	4.30	1.71	4.27	1.71	4.63	1.71	4.87	1.71
	43	4.05	1.78	3.97	1.77	3.95	1.76	3.89	1.76	4.20	1.76	4.40	1.76
	46	3.70	1.80	3.70	1.79	3.70	1.79	3.70	1.78	3.93	1.78	4.08	1.78
2.0 + 5.0	22	6.74	1.01	5.64	0.99	5.27	0.99	4.53	0.98	5.21	0.98	5.66	0.98
	25	6.12	1.17	5.67	1.16	5.52	1.16	5.22	1.15	5.83	1.15	6.24	1.15
	29	5.46	1.35	5.48	1.35	5.48	1.35	5.50	1.35	6.03	1.35	6.38	1.35
	32	5.09	1.46	5.22	1.47	5.26	1.47	5.35	1.48	5.83	1.48	6.16	1.48
	35	4.80	1.58	4.90	1.58	4.93	1.58	5.00	1.58	5.44	1.58	5.74	1.58
	40	4.35	1.71	4.31	1.71	4.30	1.71	4.27	1.71	4.63	1.71	4.87	1.71
	43	4.05	1.78	3.97	1.77	3.95	1.76	3.89	1.76	4.20	1.76	4.40	1.76
	46	3.70	1.80	3.70	1.79	3.70	1.79	3.70	1.78	3.93	1.78	4.08	1.78

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 2.5	22	6.74	1.01	5.64	0.99	5.27	0.99	4.53	0.98	5.21	0.98	5.66	0.98
	25	6.12	1.17	5.67	1.16	5.52	1.16	5.22	1.15	5.83	1.15	6.24	1.15
	29	5.46	1.35	5.48	1.35	5.48	1.35	5.50	1.35	6.03	1.35	6.38	1.35
	32	5.09	1.46	5.22	1.47	5.26	1.47	5.35	1.48	5.83	1.48	6.16	1.48
	35	4.80	1.58	4.90	1.58	4.93	1.58	5.00	1.58	5.44	1.58	5.74	1.58
	40	4.35	1.71	4.31	1.71	4.30	1.71	4.27	1.71	4.63	1.71	4.87	1.71
	43	4.05	1.78	3.97	1.77	3.95	1.76	3.89	1.76	4.20	1.76	4.40	1.76
	46	3.70	1.80	3.70	1.79	3.70	1.79	3.70	1.78	3.93	1.78	4.08	1.78
2.5 + 3.2	22	6.74	1.01	5.64	0.99	5.27	0.99	4.53	0.98	5.21	0.98	5.66	0.98
	25	6.12	1.17	5.67	1.16	5.52	1.16	5.22	1.15	5.83	1.15	6.24	1.15
	29	5.46	1.35	5.48	1.35	5.48	1.35	5.50	1.35	6.03	1.35	6.38	1.35
	32	5.09	1.46	5.22	1.47	5.26	1.47	5.35	1.48	5.83	1.48	6.16	1.48
	35	4.80	1.58	4.90	1.58	4.93	1.58	5.00	1.58	5.44	1.58	5.74	1.58
	40	4.35	1.71	4.31	1.71	4.30	1.71	4.27	1.71	4.63	1.71	4.87	1.71
	43	4.05	1.78	3.97	1.77	3.95	1.76	3.89	1.76	4.20	1.76	4.40	1.76
	46	3.70	1.80	3.70	1.79	3.70	1.79	3.70	1.78	3.93	1.78	4.08	1.78
2.5 + 4.0	22	3.37	0.44	2.82	0.43	2.63	0.43	2.27	0.43	2.60	0.43	2.83	0.43
	25	3.06	0.51	2.83	0.51	2.76	0.51	2.61	0.50	2.91	0.50	3.12	0.50
	29	2.73	0.59	2.74	0.59	2.74	0.59	2.75	0.59	3.01	0.59	3.19	0.59
	32	2.54	0.64	2.61	0.64	2.63	0.64	2.67	0.65	2.92	0.65	3.08	0.65
	35	2.40	0.69	2.45	0.69	2.47	0.69	2.50	0.69	2.72	0.69	2.87	0.69
	40	2.18	0.75	2.16	0.75	2.15	0.75	2.14	0.75	2.32	0.75	2.44	0.75
	43	2.03	0.78	1.99	0.77	1.97	0.77	1.95	0.77	2.10	0.77	2.20	0.77
	46	1.85	0.79	1.85	0.78	1.85	0.78	1.85	0.78	1.96	0.78	2.04	0.78
2.5 + 5.0	22	6.74	1.01	5.64	0.99	5.27	0.99	4.53	0.98	5.21	0.98	5.66	0.98
	25	6.12	1.17	5.67	1.16	5.52	1.16	5.22	1.15	5.83	1.15	6.24	1.15
	29	5.46	1.35	5.48	1.35	5.48	1.35	5.50	1.35	6.03	1.35	6.38	1.35
	32	5.09	1.46	5.22	1.47	5.26	1.47	5.35	1.48	5.83	1.48	6.16	1.48
	35	4.80	1.58	4.90	1.58	4.93	1.58	5.00	1.58	5.44	1.58	5.74	1.58
	40	4.35	1.71	4.31	1.71	4.30	1.71	4.27	1.71	4.63	1.71	4.87	1.71
	43	4.05	1.78	3.97	1.77	3.95	1.76	3.89	1.76	4.20	1.76	4.40	1.76
	46	3.70	1.80	3.70	1.79	3.70	1.79	3.70	1.78	3.93	1.78	4.08	1.78
3.2 + 3.2	22	6.74	1.01	5.64	0.99	5.27	0.99	4.53	0.98	5.21	0.98	5.66	0.98
	25	6.12	1.17	5.67	1.16	5.52	1.16	5.22	1.15	5.83	1.15	6.24	1.15
	29	5.46	1.35	5.48	1.35	5.48	1.35	5.50	1.35	6.03	1.35	6.38	1.35
	32	5.09	1.46	5.22	1.47	5.26	1.47	5.35	1.48	5.83	1.48	6.16	1.48
	35	4.80	1.58	4.90	1.58	4.93	1.58	5.00	1.58	5.44	1.58	5.74	1.58
	40	4.35	1.71	4.31	1.71	4.30	1.71	4.27	1.71	4.63	1.71	4.87	1.71
	43	4.05	1.78	3.97	1.77	3.95	1.76	3.89	1.76	4.20	1.76	4.40	1.76
	46	3.70	1.80	3.70	1.79	3.70	1.79	3.70	1.78	3.93	1.78	4.08	1.78

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
3.2 + 4.0	22	6.74	1.01	5.64	0.99	5.27	0.99	4.53	0.98	5.21	0.98	5.66	0.98
	25	6.12	1.17	5.67	1.16	5.52	1.16	5.22	1.15	5.83	1.15	6.24	1.15
	29	5.46	1.35	5.48	1.35	5.48	1.35	5.50	1.35	6.03	1.35	6.38	1.35
	32	5.09	1.46	5.22	1.47	5.26	1.47	5.35	1.48	5.83	1.48	6.16	1.48
	35	4.80	1.58	4.90	1.58	4.93	1.58	5.00	1.58	5.44	1.58	5.74	1.58
	40	4.35	1.71	4.31	1.71	4.30	1.71	4.27	1.71	4.63	1.71	4.87	1.71
	43	4.05	1.78	3.97	1.77	3.95	1.76	3.89	1.76	4.20	1.76	4.40	1.76
	46	3.70	1.80	3.70	1.79	3.70	1.79	3.70	1.78	3.93	1.78	4.08	1.78

Total Q = Total Capacity (kW)

Input Power = Input Power (kW)

17.1.3 CU-3RE18SBE

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	22	1.79	0.23	1.90	0.22	1.93	0.22	2.01	0.22	2.61	0.33	3.02	0.41
	25	1.89	0.36	2.02	0.36	2.06	0.36	2.15	0.35	2.68	0.43	3.03	0.49
	29	1.98	0.52	2.12	0.52	2.17	0.51	2.27	0.51	2.71	0.56	3.01	0.59
	32	2.01	0.63	2.16	0.62	2.21	0.62	2.31	0.62	2.69	0.64	2.95	0.66
	35	2.02	0.72	2.16	0.71	2.21	0.71	2.30	0.71	2.64	0.72	2.87	0.72
	40	1.96	0.84	2.08	0.84	2.12	0.84	2.19	0.84	2.48	0.83	2.67	0.82
	43	1.89	0.90	1.98	0.90	2.01	0.90	2.07	0.90	2.33	0.88	2.50	0.87
	46	1.79	0.94	1.85	0.95	1.87	0.95	1.91	0.95	2.15	0.93	2.31	0.92
2.0	22	2.26	0.28	2.39	0.27	2.44	0.27	2.53	0.27	3.30	0.41	3.81	0.51
	25	2.38	0.45	2.55	0.44	2.60	0.44	2.71	0.44	3.38	0.54	3.82	0.61
	29	2.50	0.65	2.68	0.64	2.74	0.64	2.86	0.63	3.42	0.69	3.79	0.73
	32	2.54	0.78	2.72	0.77	2.78	0.77	2.91	0.76	3.40	0.79	3.72	0.81
	35	2.54	0.89	2.72	0.89	2.78	0.88	2.90	0.88	3.33	0.89	3.62	0.89
	40	2.47	1.05	2.62	1.04	2.67	1.04	2.77	1.04	3.12	1.03	3.36	1.02
	43	2.38	1.12	2.50	1.12	2.54	1.12	2.61	1.11	2.94	1.10	3.16	1.08
	46	2.26	1.17	2.33	1.17	2.35	1.17	2.40	1.18	2.71	1.16	2.92	1.14
2.5	22	2.26	0.28	2.39	0.27	2.44	0.27	2.53	0.27	3.30	0.41	3.81	0.51
	25	2.38	0.45	2.55	0.44	2.60	0.44	2.71	0.44	3.38	0.54	3.82	0.61
	29	2.50	0.65	2.68	0.64	2.74	0.64	2.86	0.63	3.42	0.69	3.79	0.73
	32	2.54	0.78	2.72	0.77	2.78	0.77	2.91	0.76	3.40	0.79	3.72	0.81
	35	2.54	0.89	2.72	0.89	2.78	0.88	2.90	0.88	3.33	0.89	3.62	0.89
	40	2.47	1.05	2.62	1.04	2.67	1.04	2.77	1.04	3.12	1.03	3.36	1.02
	43	2.38	1.12	2.50	1.12	2.54	1.12	2.61	1.11	2.94	1.10	3.16	1.08
	46	2.26	1.17	2.33	1.17	2.35	1.17	2.40	1.18	2.71	1.16	2.92	1.14
3.2	22	2.96	0.45	3.14	0.45	3.20	0.44	3.31	0.44	4.32	0.67	4.99	0.82
	25	3.12	0.73	3.34	0.72	3.41	0.72	3.55	0.71	4.43	0.87	5.01	0.98
	29	3.27	1.05	3.51	1.04	3.59	1.04	3.74	1.03	4.48	1.12	4.97	1.18
	32	3.33	1.26	3.57	1.25	3.65	1.25	3.81	1.24	4.45	1.29	4.88	1.32
	35	3.33	1.45	3.57	1.44	3.64	1.44	3.80	1.43	4.36	1.44	4.74	1.45
	40	3.24	1.70	3.43	1.69	3.50	1.69	3.62	1.69	4.09	1.67	4.40	1.65
	43	3.12	1.81	3.27	1.81	3.32	1.81	3.42	1.81	3.85	1.78	4.14	1.76
	46	2.96	1.90	3.05	1.91	3.08	1.91	3.15	1.91	3.55	1.88	3.82	1.86
4.0	22	3.35	0.65	3.55	0.64	3.62	0.64	3.75	0.63	4.89	0.97	5.64	1.19
	25	3.53	1.05	3.77	1.03	3.85	1.03	4.01	1.02	5.01	1.26	5.67	1.42
	29	3.70	1.52	3.97	1.50	4.06	1.49	4.24	1.48	5.07	1.62	5.62	1.70
	32	3.76	1.82	4.04	1.81	4.13	1.80	4.31	1.79	5.04	1.86	5.52	1.91
	35	3.77	2.09	4.04	2.07	4.12	2.07	4.30	2.06	4.94	2.08	5.36	2.09
	40	3.67	2.45	3.88	2.44	3.96	2.44	4.10	2.43	4.63	2.40	4.98	2.38
	43	3.53	2.61	3.70	2.61	3.76	2.61	3.87	2.61	4.36	2.57	4.68	2.54
	46	3.35	2.74	3.45	2.74	3.49	2.75	3.56	2.75	4.02	2.71	4.33	2.68

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
5.0	22	4.44	0.73	4.70	0.72	4.79	0.72	4.97	0.71	6.48	1.08	7.48	1.33
	25	4.69	1.18	5.00	1.16	5.11	1.16	5.32	1.14	6.64	1.41	7.52	1.59
	29	4.91	1.70	5.26	1.68	5.38	1.68	5.62	1.66	6.72	1.81	7.45	1.91
	32	4.99	2.04	5.35	2.02	5.47	2.02	5.71	2.01	6.68	2.08	7.32	2.14
	35	5.00	2.34	5.35	2.33	5.47	2.32	5.70	2.31	6.55	2.33	7.11	2.35
	40	4.86	2.74	5.15	2.74	5.25	2.73	5.44	2.73	6.14	2.69	6.61	2.67
	43	4.68	2.93	4.91	2.93	4.98	2.93	5.13	2.93	5.78	2.88	6.21	2.84
	46	4.44	3.07	4.58	3.08	4.63	3.08	4.72	3.09	5.33	3.04	5.73	3.00
1.6 + 1.6	22	6.33	1.44	6.52	1.42	6.59	1.41	6.71	1.40	7.39	1.38	7.84	1.37
	25	6.26	1.64	6.48	1.64	6.55	1.64	6.69	1.64	7.38	1.65	7.84	1.66
	29	6.11	1.88	6.34	1.90	6.42	1.91	6.58	1.92	7.26	1.95	7.71	1.97
	32	5.94	2.04	6.18	2.06	6.26	2.07	6.42	2.09	7.08	2.12	7.52	2.14
	35	5.74	2.18	5.97	2.21	6.05	2.21	6.20	2.23	6.82	2.25	7.24	2.26
	40	5.30	2.38	5.50	2.39	5.57	2.39	5.70	2.40	6.24	2.37	6.60	2.35
	43	4.98	2.47	5.15	2.46	5.21	2.46	5.33	2.46	5.79	2.39	6.10	2.34
	46	4.62	2.55	4.76	2.52	4.80	2.51	4.89	2.49	5.27	2.36	5.53	2.27
1.6 + 2.0	22	6.33	1.42	6.52	1.40	6.59	1.39	6.71	1.37	7.39	1.36	7.84	1.35
	25	6.26	1.61	6.48	1.61	6.55	1.61	6.69	1.61	7.38	1.62	7.84	1.63
	29	6.11	1.85	6.34	1.87	6.42	1.87	6.58	1.88	7.26	1.91	7.71	1.94
	32	5.94	2.00	6.18	2.03	6.26	2.04	6.42	2.05	7.08	2.08	7.52	2.10
	35	5.74	2.14	5.97	2.17	6.05	2.17	6.20	2.19	6.82	2.21	7.24	2.22
	40	5.30	2.33	5.50	2.34	5.57	2.35	5.70	2.35	6.24	2.33	6.60	2.31
	43	4.98	2.42	5.15	2.42	5.21	2.42	5.33	2.41	5.79	2.34	6.10	2.30
	46	4.62	2.50	4.76	2.47	4.80	2.46	4.89	2.44	5.27	2.32	5.53	2.23
1.6 + 25	22	6.33	1.42	6.52	1.40	6.59	1.39	6.71	1.37	7.39	1.36	7.84	1.35
	25	6.26	1.61	6.48	1.61	6.55	1.61	6.69	1.61	7.38	1.62	7.84	1.63
	29	6.11	1.85	6.34	1.87	6.42	1.87	6.58	1.88	7.26	1.91	7.71	1.94
	32	5.94	2.00	6.18	2.03	6.26	2.04	6.42	2.05	7.08	2.08	7.52	2.10
	35	5.74	2.14	5.97	2.17	6.05	2.17	6.20	2.19	6.82	2.21	7.24	2.22
	40	5.30	2.33	5.50	2.34	5.57	2.35	5.70	2.35	6.24	2.33	6.60	2.31
	43	4.98	2.42	5.15	2.42	5.21	2.42	5.33	2.41	5.79	2.34	6.10	2.30
	46	4.62	2.50	4.76	2.47	4.80	2.46	4.89	2.44	5.27	2.32	5.53	2.23
1.6 + 3.2	22	6.43	1.42	6.63	1.40	6.69	1.40	6.82	1.38	7.51	1.37	7.96	1.36
	25	6.36	1.62	6.58	1.62	6.66	1.62	6.80	1.62	7.50	1.63	7.96	1.64
	29	6.21	1.86	6.44	1.87	6.52	1.88	6.68	1.89	7.37	1.92	7.83	1.94
	32	6.04	2.01	6.28	2.04	6.36	2.04	6.52	2.06	7.19	2.09	7.64	2.11
	35	5.83	2.15	6.07	2.18	6.14	2.18	6.30	2.20	6.93	2.22	7.36	2.23
	40	5.39	2.34	5.59	2.35	5.66	2.36	5.80	2.36	6.34	2.34	6.71	2.32
	43	5.06	2.44	5.24	2.43	5.30	2.43	5.41	2.42	5.89	2.35	6.20	2.31
	46	4.70	2.51	4.83	2.48	4.88	2.47	4.97	2.45	5.36	2.33	5.62	2.24

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 4.0	22	6.53	1.45	6.73	1.43	6.80	1.42	6.93	1.41	7.63	1.39	8.09	1.38
	25	6.46	1.65	6.69	1.65	6.76	1.65	6.91	1.65	7.62	1.66	8.09	1.67
	29	6.31	1.89	6.55	1.91	6.63	1.91	6.79	1.93	7.49	1.96	7.96	1.98
	32	6.14	2.05	6.38	2.07	6.46	2.08	6.63	2.10	7.30	2.13	7.76	2.15
	35	5.92	2.19	6.16	2.22	6.24	2.22	6.40	2.24	7.04	2.26	7.47	2.27
	40	5.47	2.39	5.68	2.40	5.75	2.40	5.89	2.41	6.44	2.38	6.81	2.36
	43	5.14	2.48	5.32	2.47	5.38	2.47	5.50	2.47	5.98	2.40	6.30	2.35
	46	4.77	2.56	4.91	2.53	4.96	2.52	5.05	2.50	5.44	2.37	5.71	2.28
1.6 + 5.0	22	6.94	1.48	7.15	1.46	7.22	1.45	7.36	1.44	8.10	1.42	8.60	1.41
	25	6.87	1.69	7.11	1.69	7.18	1.69	7.34	1.69	8.09	1.70	8.60	1.71
	29	6.70	1.93	6.96	1.95	7.04	1.96	7.21	1.97	7.96	2.00	8.45	2.02
	32	6.52	2.10	6.78	2.12	6.87	2.13	7.04	2.15	7.76	2.18	8.24	2.20
	35	6.29	2.24	6.55	2.26	6.63	2.27	6.80	2.29	7.48	2.31	7.94	2.32
	40	5.81	2.44	6.04	2.45	6.11	2.45	6.26	2.46	6.84	2.43	7.24	2.42
	43	5.47	2.54	5.65	2.53	5.72	2.53	5.84	2.52	6.35	2.45	6.70	2.40
	46	5.07	2.61	5.22	2.58	5.26	2.57	5.36	2.55	5.78	2.42	6.06	2.34
2.0 + 2.0	22	6.33	1.39	6.52	1.37	6.59	1.36	6.71	1.35	7.39	1.33	7.84	1.32
	25	6.26	1.58	6.48	1.58	6.55	1.58	6.69	1.58	7.38	1.60	7.84	1.60
	29	6.11	1.81	6.34	1.83	6.42	1.84	6.58	1.85	7.26	1.88	7.71	1.90
	32	5.94	1.97	6.18	1.99	6.26	2.00	6.42	2.01	7.08	2.04	7.52	2.07
	35	5.74	2.10	5.97	2.13	6.05	2.13	6.20	2.15	6.82	2.17	7.24	2.18
	40	5.30	2.29	5.50	2.30	5.57	2.30	5.70	2.31	6.24	2.29	6.60	2.27
	43	4.98	2.38	5.15	2.37	5.21	2.37	5.33	2.37	5.79	2.30	6.10	2.25
	46	4.62	2.45	4.76	2.43	4.80	2.42	4.89	2.40	5.27	2.27	5.53	2.19
2.0 + 2.5	22	6.33	1.39	6.52	1.37	6.59	1.36	6.71	1.35	7.39	1.33	7.84	1.32
	25	6.26	1.58	6.48	1.58	6.55	1.58	6.69	1.58	7.38	1.60	7.84	1.60
	29	6.11	1.81	6.34	1.83	6.42	1.84	6.58	1.85	7.26	1.88	7.71	1.90
	32	5.94	1.97	6.18	1.99	6.26	2.00	6.42	2.01	7.08	2.04	7.52	2.07
	35	5.74	2.10	5.97	2.13	6.05	2.13	6.20	2.15	6.82	2.17	7.24	2.18
	40	5.30	2.29	5.50	2.30	5.57	2.30	5.70	2.31	6.24	2.29	6.60	2.27
	43	4.98	2.38	5.15	2.37	5.21	2.37	5.33	2.37	5.79	2.30	6.10	2.25
	46	4.62	2.45	4.76	2.43	4.80	2.42	4.89	2.40	5.27	2.27	5.53	2.19
2.0 + 3.2	22	6.43	1.40	6.63	1.38	6.69	1.37	6.82	1.36	7.51	1.34	7.96	1.33
	25	6.36	1.59	6.58	1.59	6.66	1.59	6.80	1.59	7.50	1.60	7.96	1.61
	29	6.21	1.82	6.44	1.84	6.52	1.85	6.68	1.86	7.37	1.89	7.83	1.91
	32	6.04	1.98	6.28	2.00	6.36	2.01	6.52	2.02	7.19	2.05	7.64	2.07
	35	5.83	2.11	6.07	2.14	6.14	2.14	6.30	2.16	6.93	2.18	7.36	2.19
	40	5.39	2.30	5.59	2.31	5.66	2.31	5.80	2.32	6.34	2.30	6.71	2.28
	43	5.06	2.39	5.24	2.39	5.30	2.38	5.41	2.38	5.89	2.31	6.20	2.26
	46	4.70	2.47	4.83	2.44	4.88	2.43	4.97	2.41	5.36	2.28	5.62	2.20

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 4.0	22	6.53	1.42	6.73	1.40	6.80	1.40	6.93	1.38	7.63	1.37	8.09	1.36
	25	6.46	1.62	6.69	1.62	6.76	1.62	6.91	1.62	7.62	1.63	8.09	1.64
	29	6.31	1.86	6.55	1.87	6.63	1.88	6.79	1.89	7.49	1.92	7.96	1.94
	32	6.14	2.01	6.38	2.04	6.46	2.04	6.63	2.06	7.30	2.09	7.76	2.11
	35	5.92	2.15	6.16	2.18	6.24	2.18	6.40	2.20	7.04	2.22	7.47	2.23
	40	5.47	2.34	5.68	2.35	5.75	2.36	5.89	2.36	6.44	2.34	6.81	2.32
	43	5.14	2.44	5.32	2.43	5.38	2.43	5.50	2.42	5.98	2.35	6.30	2.31
	46	4.77	2.51	4.91	2.48	4.96	2.47	5.05	2.45	5.44	2.33	5.71	2.24
2.0 + 5.0	22	6.94	1.48	7.15	1.46	7.22	1.45	7.36	1.44	8.10	1.42	8.60	1.41
	25	6.87	1.69	7.11	1.69	7.18	1.69	7.34	1.69	8.09	1.70	8.60	1.71
	29	6.70	1.93	6.96	1.95	7.04	1.96	7.21	1.97	7.96	2.00	8.45	2.02
	32	6.52	2.10	6.78	2.12	6.87	2.13	7.04	2.15	7.76	2.18	8.24	2.20
	35	6.29	2.24	6.55	2.26	6.63	2.27	6.80	2.29	7.48	2.31	7.94	2.32
	40	5.81	2.44	6.04	2.45	6.11	2.45	6.26	2.46	6.84	2.43	7.24	2.42
	43	5.47	2.54	5.65	2.53	5.72	2.53	5.84	2.52	6.35	2.45	6.70	2.40
	46	5.07	2.61	5.22	2.58	5.26	2.57	5.36	2.55	5.78	2.42	6.06	2.34
2.5 + 2.5	22	6.33	1.39	6.52	1.37	6.59	1.36	6.71	1.35	7.39	1.33	7.84	1.32
	25	6.26	1.58	6.48	1.58	6.55	1.58	6.69	1.58	7.38	1.60	7.84	1.60
	29	6.11	1.81	6.34	1.83	6.42	1.84	6.58	1.85	7.26	1.88	7.71	1.90
	32	5.94	1.97	6.18	1.99	6.26	2.00	6.42	2.01	7.08	2.04	7.52	2.07
	35	5.74	2.10	5.97	2.13	6.05	2.13	6.20	2.15	6.82	2.17	7.24	2.18
	40	5.30	2.29	5.50	2.30	5.57	2.30	5.70	2.31	6.24	2.29	6.60	2.27
	43	4.98	2.38	5.15	2.37	5.21	2.37	5.33	2.37	5.79	2.30	6.10	2.25
	46	4.62	2.45	4.76	2.43	4.80	2.42	4.89	2.40	5.27	2.27	5.53	2.19
2.5 + 3.2	22	6.43	1.40	6.63	1.38	6.69	1.37	6.82	1.36	7.51	1.34	7.96	1.33
	25	6.36	1.59	6.58	1.59	6.66	1.59	6.80	1.59	7.50	1.60	7.96	1.61
	29	6.21	1.82	6.44	1.84	6.52	1.85	6.68	1.86	7.37	1.89	7.83	1.91
	32	6.04	1.98	6.28	2.00	6.36	2.01	6.52	2.02	7.19	2.05	7.64	2.07
	35	5.83	2.11	6.07	2.14	6.14	2.14	6.30	2.16	6.93	2.18	7.36	2.19
	40	5.39	2.30	5.59	2.31	5.66	2.31	5.80	2.32	6.34	2.30	6.71	2.28
	43	5.06	2.39	5.24	2.39	5.30	2.38	5.41	2.38	5.89	2.31	6.20	2.26
	46	4.70	2.47	4.83	2.44	4.88	2.43	4.97	2.41	5.36	2.28	5.62	2.20
2.5 + 4.0	22	6.53	1.42	6.73	1.40	6.80	1.40	6.93	1.38	7.63	1.37	8.09	1.36
	25	6.46	1.62	6.69	1.62	6.76	1.62	6.91	1.62	7.62	1.63	8.09	1.64
	29	6.31	1.86	6.55	1.87	6.63	1.88	6.79	1.89	7.49	1.92	7.96	1.94
	32	6.14	2.01	6.38	2.04	6.46	2.04	6.63	2.06	7.30	2.09	7.76	2.11
	35	5.92	2.15	6.16	2.18	6.24	2.18	6.40	2.20	7.04	2.22	7.47	2.23
	40	5.47	2.34	5.68	2.35	5.75	2.36	5.89	2.36	6.44	2.34	6.81	2.32
	43	5.14	2.44	5.32	2.43	5.38	2.43	5.50	2.42	5.98	2.35	6.30	2.31
	46	4.77	2.51	4.91	2.48	4.96	2.47	5.05	2.45	5.44	2.33	5.71	2.24

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 5.0	22	6.94	1.48	7.15	1.46	7.22	1.45	7.36	1.44	8.10	1.42	8.60	1.41
	25	6.87	1.69	7.11	1.69	7.18	1.69	7.34	1.69	8.09	1.70	8.60	1.71
	29	6.70	1.93	6.96	1.95	7.04	1.96	7.21	1.97	7.96	2.00	8.45	2.02
	32	6.52	2.10	6.78	2.12	6.87	2.13	7.04	2.15	7.76	2.18	8.24	2.20
	35	6.29	2.24	6.55	2.26	6.63	2.27	6.80	2.29	7.48	2.31	7.94	2.32
	40	5.81	2.44	6.04	2.45	6.11	2.45	6.26	2.46	6.84	2.43	7.24	2.42
	43	5.47	2.54	5.65	2.53	5.72	2.53	5.84	2.52	6.35	2.45	6.70	2.40
	46	5.07	2.61	5.22	2.58	5.26	2.57	5.36	2.55	5.78	2.42	6.06	2.34
3.2 + 3.2	22	6.53	1.40	6.73	1.38	6.80	1.37	6.93	1.36	7.63	1.34	8.09	1.33
	25	6.46	1.59	6.69	1.59	6.76	1.59	6.91	1.59	7.62	1.60	8.09	1.61
	29	6.31	1.82	6.55	1.84	6.63	1.85	6.79	1.86	7.49	1.89	7.96	1.91
	32	6.14	1.98	6.38	2.00	6.46	2.01	6.63	2.02	7.30	2.05	7.76	2.07
	35	5.92	2.11	6.16	2.14	6.24	2.14	6.40	2.16	7.04	2.18	7.47	2.19
	40	5.47	2.30	5.68	2.31	5.75	2.31	5.89	2.32	6.44	2.30	6.81	2.28
	43	5.14	2.39	5.32	2.39	5.38	2.38	5.50	2.38	5.98	2.31	6.30	2.26
	46	4.77	2.47	4.91	2.44	4.96	2.43	5.05	2.41	5.44	2.28	5.71	2.20
3.2 + 4.0	22	6.63	1.43	6.84	1.41	6.90	1.40	7.04	1.39	7.75	1.37	8.22	1.36
	25	6.56	1.63	6.79	1.63	6.87	1.63	7.02	1.63	7.74	1.64	8.22	1.65
	29	6.40	1.87	6.65	1.88	6.73	1.89	6.89	1.90	7.61	1.93	8.08	1.95
	32	6.23	2.02	6.48	2.05	6.56	2.05	6.73	2.07	7.42	2.10	7.88	2.12
	35	6.02	2.16	6.26	2.19	6.34	2.19	6.50	2.21	7.15	2.23	7.59	2.24
	40	5.56	2.35	5.77	2.36	5.84	2.37	5.98	2.38	6.54	2.35	6.92	2.33
	43	5.23	2.45	5.40	2.44	5.46	2.44	5.58	2.43	6.07	2.36	6.40	2.32
	46	4.85	2.52	4.99	2.49	5.03	2.48	5.12	2.46	5.53	2.34	5.80	2.25
3.2 + 5.0	22	7.04	1.48	7.26	1.46	7.33	1.45	7.47	1.44	8.22	1.42	8.72	1.41
	25	6.97	1.69	7.21	1.69	7.29	1.69	7.45	1.69	8.21	1.70	8.72	1.71
	29	6.80	1.93	7.06	1.95	7.15	1.96	7.32	1.97	8.07	2.00	8.58	2.02
	32	6.62	2.10	6.88	2.12	6.97	2.13	7.14	2.15	7.88	2.18	8.36	2.20
	35	6.39	2.24	6.64	2.26	6.73	2.27	6.90	2.29	7.59	2.31	8.06	2.32
	40	5.90	2.44	6.12	2.45	6.20	2.45	6.35	2.46	6.95	2.43	7.34	2.42
	43	5.55	2.54	5.74	2.53	5.80	2.53	5.93	2.52	6.45	2.45	6.79	2.40
	46	5.15	2.61	5.29	2.58	5.34	2.57	5.44	2.55	5.87	2.42	6.15	2.34
4.0 + 4.0	22	6.63	1.43	6.84	1.41	6.90	1.40	7.04	1.39	7.75	1.37	8.22	1.36
	25	6.56	1.63	6.79	1.63	6.87	1.63	7.02	1.63	7.74	1.64	8.22	1.65
	29	6.40	1.87	6.65	1.88	6.73	1.89	6.89	1.90	7.61	1.93	8.08	1.95
	32	6.23	2.02	6.48	2.05	6.56	2.05	6.73	2.07	7.42	2.10	7.88	2.12
	35	6.02	2.16	6.26	2.19	6.34	2.19	6.50	2.21	7.15	2.23	7.59	2.24
	40	5.56	2.35	5.77	2.36	5.84	2.37	5.98	2.38	6.54	2.35	6.92	2.33
	43	5.23	2.45	5.40	2.44	5.46	2.44	5.58	2.43	6.07	2.36	6.40	2.32
	46	4.85	2.52	4.99	2.49	5.03	2.48	5.12	2.46	5.53	2.34	5.80	2.25

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
4.0 + 5.0	22	7.04	1.48	7.26	1.46	7.33	1.45	7.47	1.44	8.22	1.42	8.72	1.41
	25	6.97	1.69	7.21	1.69	7.29	1.69	7.45	1.69	8.21	1.70	8.72	1.71
	29	6.80	1.93	7.06	1.95	7.15	1.96	7.32	1.97	8.07	2.00	8.58	2.02
	32	6.62	2.10	6.88	2.12	6.97	2.13	7.14	2.15	7.88	2.18	8.36	2.20
	35	6.39	2.24	6.64	2.26	6.73	2.27	6.90	2.29	7.59	2.31	8.06	2.32
	40	5.90	2.44	6.12	2.45	6.20	2.45	6.35	2.46	6.95	2.43	7.34	2.42
	43	5.55	2.54	5.74	2.53	5.80	2.53	5.93	2.52	6.45	2.45	6.79	2.40
	46	5.15	2.61	5.29	2.58	5.34	2.57	5.44	2.55	5.87	2.42	6.15	2.34
1.6 + 1.6 + 1.6	22	7.35	1.52	7.57	1.49	7.65	1.48	7.80	1.47	8.58	1.45	9.10	1.44
	25	7.27	1.72	7.52	1.72	7.61	1.72	7.77	1.72	8.57	1.74	9.10	1.75
	29	7.09	1.97	7.37	1.99	7.46	2.00	7.64	2.01	8.43	2.05	8.95	2.07
	32	6.90	2.14	7.18	2.17	7.27	2.18	7.45	2.19	8.22	2.23	8.73	2.25
	35	6.66	2.29	6.93	2.31	7.02	2.32	7.20	2.34	7.92	2.36	8.41	2.37
	40	6.16	2.49	6.39	2.50	6.47	2.51	6.62	2.52	7.25	2.49	7.66	2.47
	43	5.79	2.59	5.99	2.58	6.05	2.58	6.18	2.58	6.73	2.50	7.09	2.45
	46	5.37	2.67	5.52	2.64	5.57	2.63	5.68	2.61	6.12	2.47	6.42	2.39
1.6 + 1.6 + 2.0	22	7.45	1.55	7.68	1.52	7.75	1.52	7.90	1.50	8.70	1.48	9.23	1.47
	25	7.37	1.76	7.63	1.76	7.71	1.76	7.88	1.76	8.69	1.77	9.23	1.78
	29	7.19	2.02	7.47	2.04	7.56	2.04	7.74	2.06	8.54	2.09	9.08	2.11
	32	7.00	2.19	7.28	2.21	7.37	2.22	7.56	2.24	8.33	2.27	8.85	2.30
	35	6.76	2.34	7.03	2.36	7.12	2.37	7.30	2.39	8.03	2.41	8.52	2.43
	40	6.24	2.55	6.48	2.56	6.56	2.56	6.72	2.57	7.35	2.54	7.77	2.52
	43	5.87	2.65	6.07	2.64	6.14	2.64	6.27	2.63	6.82	2.56	7.19	2.51
	46	5.44	2.73	5.60	2.70	5.65	2.69	5.76	2.66	6.21	2.53	6.51	2.44
1.6 + 1.6 + 2.5	22	7.35	1.49	7.57	1.47	7.65	1.46	7.80	1.44	8.58	1.43	9.10	1.42
	25	7.27	1.70	7.52	1.69	7.61	1.69	7.77	1.69	8.57	1.71	9.10	1.72
	29	7.09	1.94	7.37	1.96	7.46	1.97	7.64	1.98	8.43	2.01	8.95	2.03
	32	6.90	2.10	7.18	2.13	7.27	2.14	7.45	2.15	8.22	2.19	8.73	2.21
	35	6.66	2.25	6.93	2.27	7.02	2.28	7.20	2.30	7.92	2.32	8.41	2.33
	40	6.16	2.45	6.39	2.46	6.47	2.46	6.62	2.47	7.25	2.44	7.66	2.43
	43	5.79	2.55	5.99	2.54	6.05	2.54	6.18	2.53	6.73	2.46	7.09	2.41
	46	5.37	2.63	5.52	2.59	5.57	2.58	5.68	2.56	6.12	2.43	6.42	2.35
1.6 + 1.6 + 3.2	22	7.35	1.46	7.57	1.43	7.65	1.43	7.80	1.41	8.58	1.40	9.10	1.39
	25	7.27	1.66	7.52	1.66	7.61	1.66	7.77	1.66	8.57	1.67	9.10	1.68
	29	7.09	1.90	7.37	1.92	7.46	1.92	7.64	1.93	8.43	1.97	8.95	1.99
	32	6.90	2.06	7.18	2.08	7.27	2.09	7.45	2.11	8.22	2.14	8.73	2.16
	35	6.66	2.20	6.93	2.23	7.02	2.23	7.20	2.25	7.92	2.27	8.41	2.28
	40	6.16	2.40	6.39	2.41	6.47	2.41	6.62	2.42	7.25	2.39	7.66	2.37
	43	5.79	2.49	5.99	2.48	6.05	2.48	6.18	2.48	6.73	2.41	7.09	2.36
	46	5.37	2.57	5.52	2.54	5.57	2.53	5.68	2.51	6.12	2.38	6.42	2.29

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 1.6 + 4.0	22	7.45	1.49	7.68	1.47	7.75	1.46	7.90	1.44	8.70	1.43	9.23	1.42
	25	7.37	1.70	7.63	1.69	7.71	1.69	7.88	1.69	8.69	1.71	9.23	1.72
	29	7.19	1.94	7.47	1.96	7.56	1.97	7.74	1.98	8.54	2.01	9.08	2.03
	32	7.00	2.10	7.28	2.13	7.37	2.14	7.56	2.15	8.33	2.19	8.85	2.21
	35	6.76	2.25	7.03	2.27	7.12	2.28	7.30	2.30	8.03	2.32	8.52	2.33
	40	6.24	2.45	6.48	2.46	6.56	2.46	6.72	2.47	7.35	2.44	7.77	2.43
	43	5.87	2.55	6.07	2.54	6.14	2.54	6.27	2.53	6.82	2.46	7.19	2.41
	46	5.44	2.63	5.60	2.59	5.65	2.58	5.76	2.56	6.21	2.43	6.51	2.35
1.6 + 1.6 + 5.0	22	7.45	1.44	7.68	1.42	7.75	1.41	7.90	1.40	8.70	1.38	9.23	1.37
	25	7.37	1.64	7.63	1.64	7.71	1.64	7.88	1.64	8.69	1.65	9.23	1.66
	29	7.19	1.88	7.47	1.90	7.56	1.91	7.74	1.92	8.54	1.95	9.08	1.97
	32	7.00	2.04	7.28	2.06	7.37	2.07	7.56	2.09	8.33	2.12	8.85	2.14
	35	6.76	2.18	7.03	2.21	7.12	2.21	7.30	2.23	8.03	2.25	8.52	2.26
	40	6.24	2.38	6.48	2.39	6.56	2.39	6.72	2.40	7.35	2.37	7.77	2.35
	43	5.87	2.47	6.07	2.46	6.14	2.46	6.27	2.46	6.82	2.39	7.19	2.34
	46	5.44	2.55	5.60	2.52	5.65	2.51	5.76	2.49	6.21	2.36	6.51	2.27
1.6 + 2.0 + 2.0	22	7.35	1.49	7.57	1.47	7.65	1.46	7.80	1.44	8.58	1.43	9.10	1.42
	25	7.27	1.70	7.52	1.69	7.61	1.69	7.77	1.69	8.57	1.71	9.10	1.72
	29	7.09	1.94	7.37	1.96	7.46	1.97	7.64	1.98	8.43	2.01	8.95	2.03
	32	6.90	2.10	7.18	2.13	7.27	2.14	7.45	2.15	8.22	2.19	8.73	2.21
	35	6.66	2.25	6.93	2.27	7.02	2.28	7.20	2.30	7.92	2.32	8.41	2.33
	40	6.16	2.45	6.39	2.46	6.47	2.46	6.62	2.47	7.25	2.44	7.66	2.43
	43	5.79	2.55	5.99	2.54	6.05	2.54	6.18	2.53	6.73	2.46	7.09	2.41
	46	5.37	2.63	5.52	2.59	5.57	2.58	5.68	2.56	6.12	2.43	6.42	2.35
1.6 + 2.0 + 2.5	22	7.35	1.49	7.57	1.47	7.65	1.46	7.80	1.44	8.58	1.43	9.10	1.42
	25	7.27	1.70	7.52	1.69	7.61	1.69	7.77	1.69	8.57	1.71	9.10	1.72
	29	7.09	1.94	7.37	1.96	7.46	1.97	7.64	1.98	8.43	2.01	8.95	2.03
	32	6.90	2.10	7.18	2.13	7.27	2.14	7.45	2.15	8.22	2.19	8.73	2.21
	35	6.66	2.25	6.93	2.27	7.02	2.28	7.20	2.30	7.92	2.32	8.41	2.33
	40	6.16	2.45	6.39	2.46	6.47	2.46	6.62	2.47	7.25	2.44	7.66	2.43
	43	5.79	2.55	5.99	2.54	6.05	2.54	6.18	2.53	6.73	2.46	7.09	2.41
	46	5.37	2.63	5.52	2.59	5.57	2.58	5.68	2.56	6.12	2.43	6.42	2.35
1.6 + 2.0 + 3.2	22	7.35	1.43	7.57	1.41	7.65	1.40	7.80	1.39	8.58	1.37	9.10	1.36
	25	7.27	1.63	7.52	1.63	7.61	1.63	7.77	1.63	8.57	1.64	9.10	1.65
	29	7.09	1.87	7.37	1.88	7.46	1.89	7.64	1.90	8.43	1.93	8.95	1.95
	32	6.90	2.02	7.18	2.05	7.27	2.05	7.45	2.07	8.22	2.10	8.73	2.12
	35	6.66	2.16	6.93	2.19	7.02	2.19	7.20	2.21	7.92	2.23	8.41	2.24
	40	6.16	2.35	6.39	2.36	6.47	2.37	6.62	2.38	7.25	2.35	7.66	2.33
	43	5.79	2.45	5.99	2.44	6.05	2.44	6.18	2.43	6.73	2.36	7.09	2.32
	46	5.37	2.52	5.52	2.49	5.57	2.48	5.68	2.46	6.12	2.34	6.42	2.25

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 2.0 + 4.0	22	7.45	1.49	7.68	1.47	7.75	1.46	7.90	1.44	8.70	1.43	9.23	1.42
	25	7.37	1.70	7.63	1.69	7.71	1.69	7.88	1.69	8.69	1.71	9.23	1.72
	29	7.19	1.94	7.47	1.96	7.56	1.97	7.74	1.98	8.54	2.01	9.08	2.03
	32	7.00	2.10	7.28	2.13	7.37	2.14	7.56	2.15	8.33	2.19	8.85	2.21
	35	6.76	2.25	7.03	2.27	7.12	2.28	7.30	2.30	8.03	2.32	8.52	2.33
	40	6.24	2.45	6.48	2.46	6.56	2.46	6.72	2.47	7.35	2.44	7.77	2.43
	43	5.87	2.55	6.07	2.54	6.14	2.54	6.27	2.53	6.82	2.46	7.19	2.41
	46	5.44	2.63	5.60	2.59	5.65	2.58	5.76	2.56	6.21	2.43	6.51	2.35
1.6 + 2.0 + 5.0	22	7.45	1.41	7.68	1.39	7.75	1.38	7.90	1.37	8.70	1.35	9.23	1.34
	25	7.37	1.61	7.63	1.61	7.71	1.61	7.88	1.61	8.69	1.62	9.23	1.63
	29	7.19	1.84	7.47	1.86	7.56	1.86	7.74	1.87	8.54	1.91	9.08	1.93
	32	7.00	1.99	7.28	2.02	7.37	2.03	7.56	2.04	8.33	2.07	8.85	2.09
	35	6.76	2.13	7.03	2.16	7.12	2.16	7.30	2.18	8.03	2.20	8.52	2.21
	40	6.24	2.32	6.48	2.33	6.56	2.34	6.72	2.34	7.35	2.32	7.77	2.30
	43	5.87	2.41	6.07	2.41	6.14	2.41	6.27	2.40	6.82	2.33	7.19	2.29
	46	5.44	2.49	5.60	2.46	5.65	2.45	5.76	2.43	6.21	2.31	6.51	2.22
1.6 + 2.5 + 2.5	22	7.35	1.49	7.57	1.47	7.65	1.46	7.80	1.44	8.58	1.43	9.10	1.42
	25	7.27	1.70	7.52	1.69	7.61	1.69	7.77	1.69	8.57	1.71	9.10	1.72
	29	7.09	1.94	7.37	1.96	7.46	1.97	7.64	1.98	8.43	2.01	8.95	2.03
	32	6.90	2.10	7.18	2.13	7.27	2.14	7.45	2.15	8.22	2.19	8.73	2.21
	35	6.66	2.25	6.93	2.27	7.02	2.28	7.20	2.30	7.92	2.32	8.41	2.33
	40	6.16	2.45	6.39	2.46	6.47	2.46	6.62	2.47	7.25	2.44	7.66	2.43
	43	5.79	2.55	5.99	2.54	6.05	2.54	6.18	2.53	6.73	2.46	7.09	2.41
	46	5.37	2.63	5.52	2.59	5.57	2.58	5.68	2.56	6.12	2.43	6.42	2.35
1.6 + 2.5 + 3.2	22	7.45	1.49	7.68	1.47	7.75	1.46	7.90	1.44	8.70	1.43	9.23	1.42
	25	7.37	1.70	7.63	1.69	7.71	1.69	7.88	1.69	8.69	1.71	9.23	1.72
	29	7.19	1.94	7.47	1.96	7.56	1.97	7.74	1.98	8.54	2.01	9.08	2.03
	32	7.00	2.10	7.28	2.13	7.37	2.14	7.56	2.15	8.33	2.19	8.85	2.21
	35	6.76	2.25	7.03	2.27	7.12	2.28	7.30	2.30	8.03	2.32	8.52	2.33
	40	6.24	2.45	6.48	2.46	6.56	2.46	6.72	2.47	7.35	2.44	7.77	2.43
	43	5.87	2.55	6.07	2.54	6.14	2.54	6.27	2.53	6.82	2.46	7.19	2.41
	46	5.44	2.63	5.60	2.59	5.65	2.58	5.76	2.56	6.21	2.43	6.51	2.35
1.6 + 2.5 + 4.0	22	7.45	1.49	7.68	1.47	7.75	1.46	7.90	1.44	8.70	1.43	9.23	1.42
	25	7.37	1.70	7.63	1.69	7.71	1.69	7.88	1.69	8.69	1.71	9.23	1.72
	29	7.19	1.94	7.47	1.96	7.56	1.97	7.74	1.98	8.54	2.01	9.08	2.03
	32	7.00	2.10	7.28	2.13	7.37	2.14	7.56	2.15	8.33	2.19	8.85	2.21
	35	6.76	2.25	7.03	2.27	7.12	2.28	7.30	2.30	8.03	2.32	8.52	2.33
	40	6.24	2.45	6.48	2.46	6.56	2.46	6.72	2.47	7.35	2.44	7.77	2.43
	43	5.87	2.55	6.07	2.54	6.14	2.54	6.27	2.53	6.82	2.46	7.19	2.41
	46	5.44	2.63	5.60	2.59	5.65	2.58	5.76	2.56	6.21	2.43	6.51	2.35

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 3.2 + 3.2	22	7.45	1.46	7.68	1.43	7.75	1.43	7.90	1.41	8.70	1.40	9.23	1.39
	25	7.37	1.66	7.63	1.66	7.71	1.66	7.88	1.66	8.69	1.67	9.23	1.68
	29	7.19	1.90	7.47	1.92	7.56	1.92	7.74	1.93	8.54	1.97	9.08	1.99
	32	7.00	2.06	7.28	2.08	7.37	2.09	7.56	2.11	8.33	2.14	8.85	2.16
	35	6.76	2.20	7.03	2.23	7.12	2.23	7.30	2.25	8.03	2.27	8.52	2.28
	40	6.24	2.40	6.48	2.41	6.56	2.41	6.72	2.42	7.35	2.39	7.77	2.37
	43	5.87	2.49	6.07	2.48	6.14	2.48	6.27	2.48	6.82	2.41	7.19	2.36
	46	5.44	2.57	5.60	2.54	5.65	2.53	5.76	2.51	6.21	2.38	6.51	2.29
1.6 + 3.2 + 4.0	22	7.45	1.46	7.68	1.43	7.75	1.43	7.90	1.41	8.70	1.40	9.23	1.39
	25	7.37	1.66	7.63	1.66	7.71	1.66	7.88	1.66	8.69	1.67	9.23	1.68
	29	7.19	1.90	7.47	1.92	7.56	1.92	7.74	1.93	8.54	1.97	9.08	1.99
	32	7.00	2.06	7.28	2.08	7.37	2.09	7.56	2.11	8.33	2.14	8.85	2.16
	35	6.76	2.20	7.03	2.23	7.12	2.23	7.30	2.25	8.03	2.27	8.52	2.28
	40	6.24	2.40	6.48	2.41	6.56	2.41	6.72	2.42	7.35	2.39	7.77	2.37
	43	5.87	2.49	6.07	2.48	6.14	2.48	6.27	2.48	6.82	2.41	7.19	2.36
	46	5.44	2.57	5.60	2.54	5.65	2.53	5.76	2.51	6.21	2.38	6.51	2.29
2.0 + 2.0 + 2.0	22	7.35	1.46	7.57	1.43	7.65	1.43	7.80	1.41	8.58	1.40	9.10	1.39
	25	7.27	1.66	7.52	1.66	7.61	1.66	7.77	1.66	8.57	1.67	9.10	1.68
	29	7.09	1.90	7.37	1.92	7.46	1.92	7.64	1.93	8.43	1.97	8.95	1.99
	32	6.90	2.06	7.18	2.08	7.27	2.09	7.45	2.11	8.22	2.14	8.73	2.16
	35	6.66	2.20	6.93	2.23	7.02	2.23	7.20	2.25	7.92	2.27	8.41	2.28
	40	6.16	2.40	6.39	2.41	6.47	2.41	6.62	2.42	7.25	2.39	7.66	2.37
	43	5.79	2.49	5.99	2.48	6.05	2.48	6.18	2.48	6.73	2.41	7.09	2.36
	46	5.37	2.57	5.52	2.54	5.57	2.53	5.68	2.51	6.12	2.38	6.42	2.29
2.0 + 2.0 + 2.5	22	7.35	1.46	7.57	1.43	7.65	1.43	7.80	1.41	8.58	1.40	9.10	1.39
	25	7.27	1.66	7.52	1.66	7.61	1.66	7.77	1.66	8.57	1.67	9.10	1.68
	29	7.09	1.90	7.37	1.92	7.46	1.92	7.64	1.93	8.43	1.97	8.95	1.99
	32	6.90	2.06	7.18	2.08	7.27	2.09	7.45	2.11	8.22	2.14	8.73	2.16
	35	6.66	2.20	6.93	2.23	7.02	2.23	7.20	2.25	7.92	2.27	8.41	2.28
	40	6.16	2.40	6.39	2.41	6.47	2.41	6.62	2.42	7.25	2.39	7.66	2.37
	43	5.79	2.49	5.99	2.48	6.05	2.48	6.18	2.48	6.73	2.41	7.09	2.36
	46	5.37	2.57	5.52	2.54	5.57	2.53	5.68	2.51	6.12	2.38	6.42	2.29
2.0 + 2.0 + 3.2	22	7.35	1.43	7.57	1.41	7.65	1.40	7.80	1.39	8.58	1.37	9.10	1.36
	25	7.27	1.63	7.52	1.63	7.61	1.63	7.77	1.63	8.57	1.64	9.10	1.65
	29	7.09	1.87	7.37	1.88	7.46	1.89	7.64	1.90	8.43	1.93	8.95	1.95
	32	6.90	2.02	7.18	2.05	7.27	2.05	7.45	2.07	8.22	2.10	8.73	2.12
	35	6.66	2.16	6.93	2.19	7.02	2.19	7.20	2.21	7.92	2.23	8.41	2.24
	40	6.16	2.35	6.39	2.36	6.47	2.37	6.62	2.38	7.25	2.35	7.66	2.33
	43	5.79	2.45	5.99	2.44	6.05	2.44	6.18	2.43	6.73	2.36	7.09	2.32
	46	5.37	2.52	5.52	2.49	5.57	2.48	5.68	2.46	6.12	2.34	6.42	2.25

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.0 + 4.0	22	7.45	1.46	7.68	1.43	7.75	1.43	7.90	1.41	8.70	1.40	9.23	1.39
	25	7.37	1.66	7.63	1.66	7.71	1.66	7.88	1.66	8.69	1.67	9.23	1.68
	29	7.19	1.90	7.47	1.92	7.56	1.92	7.74	1.93	8.54	1.97	9.08	1.99
	32	7.00	2.06	7.28	2.08	7.37	2.09	7.56	2.11	8.33	2.14	8.85	2.16
	35	6.76	2.20	7.03	2.23	7.12	2.23	7.30	2.25	8.03	2.27	8.52	2.28
	40	6.24	2.40	6.48	2.41	6.56	2.41	6.72	2.42	7.35	2.39	7.77	2.37
	43	5.87	2.49	6.07	2.48	6.14	2.48	6.27	2.48	6.82	2.41	7.19	2.36
	46	5.44	2.57	5.60	2.54	5.65	2.53	5.76	2.51	6.21	2.38	6.51	2.29
2.0 + 2.0 + 5.0	22	7.45	1.41	7.68	1.39	7.75	1.38	7.90	1.37	8.70	1.35	9.23	1.34
	25	7.37	1.61	7.63	1.61	7.71	1.61	7.88	1.61	8.69	1.62	9.23	1.63
	29	7.19	1.84	7.47	1.86	7.56	1.86	7.74	1.87	8.54	1.91	9.08	1.93
	32	7.00	1.99	7.28	2.02	7.37	2.03	7.56	2.04	8.33	2.07	8.85	2.09
	35	6.76	2.13	7.03	2.16	7.12	2.16	7.30	2.18	8.03	2.20	8.52	2.21
	40	6.24	2.32	6.48	2.33	6.56	2.34	6.72	2.34	7.35	2.32	7.77	2.30
	43	5.87	2.41	6.07	2.41	6.14	2.41	6.27	2.40	6.82	2.33	7.19	2.29
	46	5.44	2.49	5.60	2.46	5.65	2.45	5.76	2.43	6.21	2.31	6.51	2.22
2.0 + 2.5 + 2.5	22	7.35	1.46	7.57	1.43	7.65	1.43	7.80	1.41	8.58	1.40	9.10	1.39
	25	7.27	1.66	7.52	1.66	7.61	1.66	7.77	1.66	8.57	1.67	9.10	1.68
	29	7.09	1.90	7.37	1.92	7.46	1.92	7.64	1.93	8.43	1.97	8.95	1.99
	32	6.90	2.06	7.18	2.08	7.27	2.09	7.45	2.11	8.22	2.14	8.73	2.16
	35	6.66	2.20	6.93	2.23	7.02	2.23	7.20	2.25	7.92	2.27	8.41	2.28
	40	6.16	2.40	6.39	2.41	6.47	2.41	6.62	2.42	7.25	2.39	7.66	2.37
	43	5.79	2.49	5.99	2.48	6.05	2.48	6.18	2.48	6.73	2.41	7.09	2.36
	46	5.37	2.57	5.52	2.54	5.57	2.53	5.68	2.51	6.12	2.38	6.42	2.29
2.0 + 2.5 + 3.2	22	7.35	1.43	7.57	1.41	7.65	1.40	7.80	1.39	8.58	1.37	9.10	1.36
	25	7.27	1.63	7.52	1.63	7.61	1.63	7.77	1.63	8.57	1.64	9.10	1.65
	29	7.09	1.87	7.37	1.88	7.46	1.89	7.64	1.90	8.43	1.93	8.95	1.95
	32	6.90	2.02	7.18	2.05	7.27	2.05	7.45	2.07	8.22	2.10	8.73	2.12
	35	6.66	2.16	6.93	2.19	7.02	2.19	7.20	2.21	7.92	2.23	8.41	2.24
	40	6.16	2.35	6.39	2.36	6.47	2.37	6.62	2.38	7.25	2.35	7.66	2.33
	43	5.79	2.45	5.99	2.44	6.05	2.44	6.18	2.43	6.73	2.36	7.09	2.32
	46	5.37	2.52	5.52	2.49	5.57	2.48	5.68	2.46	6.12	2.34	6.42	2.25
2.0 + 2.5 + 4.0	22	7.45	1.46	7.68	1.43	7.75	1.43	7.90	1.41	8.70	1.40	9.23	1.39
	25	7.37	1.66	7.63	1.66	7.71	1.66	7.88	1.66	8.69	1.67	9.23	1.68
	29	7.19	1.90	7.47	1.92	7.56	1.92	7.74	1.93	8.54	1.97	9.08	1.99
	32	7.00	2.06	7.28	2.08	7.37	2.09	7.56	2.11	8.33	2.14	8.85	2.16
	35	6.76	2.20	7.03	2.23	7.12	2.23	7.30	2.25	8.03	2.27	8.52	2.28
	40	6.24	2.40	6.48	2.41	6.56	2.41	6.72	2.42	7.35	2.39	7.77	2.37
	43	5.87	2.49	6.07	2.48	6.14	2.48	6.27	2.48	6.82	2.41	7.19	2.36
	46	5.44	2.57	5.60	2.54	5.65	2.53	5.76	2.51	6.21	2.38	6.51	2.29

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 3.2 + 3.2	22	7.45	1.43	7.68	1.41	7.75	1.40	7.90	1.39	8.70	1.37	9.23	1.36
	25	7.37	1.63	7.63	1.63	7.71	1.63	7.88	1.63	8.69	1.64	9.23	1.65
	29	7.19	1.87	7.47	1.88	7.56	1.89	7.74	1.90	8.54	1.93	9.08	1.95
	32	7.00	2.02	7.28	2.05	7.37	2.05	7.56	2.07	8.33	2.10	8.85	2.12
	35	6.76	2.16	7.03	2.19	7.12	2.19	7.30	2.21	8.03	2.23	8.52	2.24
	40	6.24	2.35	6.48	2.36	6.56	2.37	6.72	2.38	7.35	2.35	7.77	2.33
	43	5.87	2.45	6.07	2.44	6.14	2.44	6.27	2.43	6.82	2.36	7.19	2.32
	46	5.44	2.52	5.60	2.49	5.65	2.48	5.76	2.46	6.21	2.34	6.51	2.25
2.5 + 2.5 + 2.5	22	7.35	1.46	7.57	1.43	7.65	1.43	7.80	1.41	8.58	1.40	9.10	1.39
	25	7.27	1.66	7.52	1.66	7.61	1.66	7.77	1.66	8.57	1.67	9.10	1.68
	29	7.09	1.90	7.37	1.92	7.46	1.92	7.64	1.93	8.43	1.97	8.95	1.99
	32	6.90	2.06	7.18	2.08	7.27	2.09	7.45	2.11	8.22	2.14	8.73	2.16
	35	6.66	2.20	6.93	2.23	7.02	2.23	7.20	2.25	7.92	2.27	8.41	2.28
	40	6.16	2.40	6.39	2.41	6.47	2.41	6.62	2.42	7.25	2.39	7.66	2.37
	43	5.79	2.49	5.99	2.48	6.05	2.48	6.18	2.48	6.73	2.41	7.09	2.36
	46	5.37	2.57	5.52	2.54	5.57	2.53	5.68	2.51	6.12	2.38	6.42	2.29
2.5 + 2.5 + 3.2	22	7.35	1.43	7.57	1.41	7.65	1.40	7.80	1.39	8.58	1.37	9.10	1.36
	25	7.27	1.63	7.52	1.63	7.61	1.63	7.77	1.63	8.57	1.64	9.10	1.65
	29	7.09	1.87	7.37	1.88	7.46	1.89	7.64	1.90	8.43	1.93	8.95	1.95
	32	6.90	2.02	7.18	2.05	7.27	2.05	7.45	2.07	8.22	2.10	8.73	2.12
	35	6.66	2.16	6.93	2.19	7.02	2.19	7.20	2.21	7.92	2.23	8.41	2.24
	40	6.16	2.35	6.39	2.36	6.47	2.37	6.62	2.38	7.25	2.35	7.66	2.33
	43	5.79	2.45	5.99	2.44	6.05	2.44	6.18	2.43	6.73	2.36	7.09	2.32
	46	5.37	2.52	5.52	2.49	5.57	2.48	5.68	2.46	6.12	2.34	6.42	2.25
2.5 + 2.5 + 4.0	22	7.45	1.46	7.68	1.43	7.75	1.43	7.90	1.41	8.70	1.40	9.23	1.39
	25	7.37	1.66	7.63	1.66	7.71	1.66	7.88	1.66	8.69	1.67	9.23	1.68
	29	7.19	1.90	7.47	1.92	7.56	1.92	7.74	1.93	8.54	1.97	9.08	1.99
	32	7.00	2.06	7.28	2.08	7.37	2.09	7.56	2.11	8.33	2.14	8.85	2.16
	35	6.76	2.20	7.03	2.23	7.12	2.23	7.30	2.25	8.03	2.27	8.52	2.28
	40	6.24	2.40	6.48	2.41	6.56	2.41	6.72	2.42	7.35	2.39	7.77	2.37
	43	5.87	2.49	6.07	2.48	6.14	2.48	6.27	2.48	6.82	2.41	7.19	2.36
	46	5.44	2.57	5.60	2.54	5.65	2.53	5.76	2.51	6.21	2.38	6.51	2.29
2.5 + 3.2 + 3.2	22	7.35	1.43	7.57	1.41	7.65	1.40	7.80	1.39	8.58	1.37	9.10	1.36
	25	7.27	1.63	7.52	1.63	7.61	1.63	7.77	1.63	8.57	1.64	9.10	1.65
	29	7.09	1.87	7.37	1.88	7.46	1.89	7.64	1.90	8.43	1.93	8.95	1.95
	32	6.90	2.02	7.18	2.05	7.27	2.05	7.45	2.07	8.22	2.10	8.73	2.12
	35	6.66	2.16	6.93	2.19	7.02	2.19	7.20	2.21	7.92	2.23	8.41	2.24
	40	6.16	2.35	6.39	2.36	6.47	2.37	6.62	2.38	7.25	2.35	7.66	2.33
	43	5.79	2.45	5.99	2.44	6.05	2.44	6.18	2.43	6.73	2.36	7.09	2.32
	46	5.37	2.52	5.52	2.49	5.57	2.48	5.68	2.46	6.12	2.34	6.42	2.25

Total Q = Total Capacity (kW)
Input Power = Input Power (kW)

17.2 Heat Mode Performance Data

Unit setting: Standard piping length, Hi Fan, Heat mode at 30°C

Voltage: 230V, 50Hz

17.2.1 CU-2RE15SBE

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0	16	5.92	1.27	5.53	1.43	5.23	1.56	5.76	2.05	4.98	1.91	4.09	1.83	2.84	1.81
	18	5.77	1.32	5.42	1.48	5.13	1.60	5.64	2.13	4.76	1.95	3.84	1.85	2.66	1.85
	20	5.62	1.38	5.27	1.53	5.00	1.66	5.53	2.19	4.58	2.00	3.69	1.89	2.64	1.87
	21	5.54	1.41	5.20	1.57	4.93	1.70	5.46	2.19	4.51	2.02	3.66	1.91	2.69	1.87
	22	5.46	1.42	5.12	1.60	4.84	1.75	5.39	2.21	4.45	2.04	3.64	1.93	2.78	1.87
	24	5.30	1.48	4.95	1.70	4.67	1.87	5.24	2.19	4.37	2.09	3.70	1.99	3.09	1.84
2.5	16	5.92	1.27	5.53	1.43	5.23	1.56	5.76	2.05	4.98	1.91	4.09	1.83	2.84	1.81
	18	5.77	1.32	5.42	1.48	5.13	1.60	5.64	2.13	4.76	1.95	3.84	1.85	2.66	1.85
	20	5.62	1.38	5.27	1.53	5.00	1.66	5.53	2.19	4.58	2.00	3.69	1.89	2.64	1.87
	21	5.54	1.41	5.20	1.57	4.93	1.70	5.46	2.19	4.51	2.02	3.66	1.91	2.69	1.87
	22	5.46	1.42	5.12	1.60	4.84	1.75	5.39	2.21	4.45	2.04	3.64	1.93	2.78	1.87
	24	5.30	1.48	4.95	1.70	4.67	1.87	5.24	2.19	4.37	2.09	3.70	1.99	3.09	1.84
3.2	16	6.75	1.37	6.31	1.53	5.96	1.67	6.57	2.19	5.67	2.04	4.66	1.96	3.23	1.94
	18	6.58	1.41	6.17	1.58	5.85	1.72	6.43	2.29	5.42	2.09	4.38	1.99	3.04	1.99
	20	6.40	1.48	6.01	1.65	5.70	1.78	6.30	2.35	5.23	2.14	4.21	2.03	3.01	2.00
	21	6.32	1.51	5.93	1.69	5.62	1.83	6.22	2.35	5.14	2.16	4.17	2.05	3.07	2.00
	22	6.22	1.53	5.83	1.72	5.52	1.88	6.14	2.37	5.07	2.19	4.15	2.07	3.17	2.00
	24	6.04	1.59	5.64	1.82	5.32	2.00	5.98	2.35	4.99	2.25	4.22	2.13	3.53	1.97
2.0 + 2.0	16	7.55	1.08	6.97	1.31	6.51	1.49	6.34	2.09	5.54	1.91	4.79	1.75	3.92	1.60
	18	7.40	1.12	6.84	1.36	6.40	1.56	6.41	2.01	5.41	1.93	4.60	1.83	3.84	1.66
	20	7.21	1.18	6.70	1.42	6.30	1.61	6.45	1.97	5.35	1.96	4.49	1.88	3.73	1.73
	21	7.11	1.21	6.64	1.44	6.26	1.62	6.45	1.96	5.35	1.96	4.47	1.90	3.66	1.75
	22	7.00	1.23	6.57	1.46	6.22	1.64	6.44	1.96	5.35	1.96	4.45	1.90	3.59	1.77
	24	6.77	1.29	6.43	1.48	6.16	1.64	6.40	1.99	5.43	1.98	4.52	1.93	3.44	1.80
2.0 + 2.5	16	7.79	1.12	7.19	1.36	6.71	1.55	6.54	2.17	5.72	1.98	4.95	1.82	4.04	1.66
	18	7.64	1.16	7.06	1.41	6.60	1.62	6.61	2.09	5.58	2.01	4.75	1.90	3.96	1.72
	20	7.44	1.23	6.92	1.47	6.50	1.67	6.66	2.05	5.52	2.03	4.64	1.95	3.85	1.79
	21	7.34	1.25	6.85	1.49	6.46	1.68	6.66	2.03	5.52	2.03	4.62	1.97	3.78	1.82
	22	7.22	1.28	6.77	1.51	6.41	1.70	6.64	2.03	5.52	2.03	4.60	1.98	3.70	1.83
	24	6.98	1.33	6.64	1.54	6.36	1.70	6.60	2.06	5.61	2.05	4.66	2.00	3.55	1.87
2.0 + 3.2	16	7.79	1.12	7.19	1.36	6.71	1.55	6.54	2.17	5.72	1.98	4.95	1.82	4.04	1.66
	18	7.64	1.16	7.06	1.41	6.60	1.62	6.61	2.09	5.58	2.01	4.75	1.90	3.96	1.72
	20	7.44	1.23	6.92	1.47	6.50	1.67	6.66	2.05	5.52	2.03	4.64	1.95	3.85	1.79
	21	7.34	1.25	6.85	1.49	6.46	1.68	6.66	2.03	5.52	2.03	4.62	1.97	3.78	1.82
	22	7.22	1.28	6.77	1.51	6.41	1.70	6.64	2.03	5.52	2.03	4.60	1.98	3.70	1.83
	24	6.98	1.33	6.64	1.54	6.36	1.70	6.60	2.06	5.61	2.05	4.66	2.00	3.55	1.87

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 2.5	16	7.79	1.12	7.19	1.36	6.71	1.55	6.54	2.17	5.72	1.98	4.95	1.82	4.04	1.66
	18	7.64	1.16	7.06	1.41	6.60	1.62	6.61	2.09	5.58	2.01	4.75	1.90	3.96	1.72
	20	7.44	1.23	6.92	1.47	6.50	1.67	6.66	2.05	5.52	2.03	4.64	1.95	3.85	1.79
	21	7.34	1.25	6.85	1.49	6.46	1.68	6.66	2.03	5.52	2.03	4.62	1.97	3.78	1.82
	22	7.22	1.28	6.77	1.51	6.41	1.70	6.64	2.03	5.52	2.03	4.60	1.98	3.70	1.83
	24	6.98	1.33	6.64	1.54	6.36	1.70	6.60	2.06	5.61	2.05	4.66	2.00	3.55	1.87
2.5 + 3.2	16	7.79	1.12	7.19	1.36	6.71	1.55	6.54	2.17	5.72	1.98	4.95	1.82	4.04	1.66
	18	7.64	1.16	7.06	1.41	6.60	1.62	6.61	2.09	5.58	2.01	4.75	1.90	3.96	1.72
	20	7.44	1.23	6.92	1.47	6.50	1.67	6.66	2.05	5.52	2.03	4.64	1.95	3.85	1.79
	21	7.34	1.25	6.85	1.49	6.46	1.68	6.66	2.03	5.52	2.03	4.62	1.97	3.78	1.82
	22	7.22	1.28	6.77	1.51	6.41	1.70	6.64	2.03	5.52	2.03	4.60	1.98	3.70	1.83
	24	6.98	1.33	6.64	1.54	6.36	1.70	6.60	2.06	5.61	2.05	4.66	2.00	3.55	1.87

Total Q = Total Capacity (kW)

Input Power = Input Power (kW)

17.2.2 CU-2RE18SBE

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0	16	5.09	1.04	4.76	1.16	4.50	1.27	4.95	1.66	4.28	1.55	3.51	1.49	2.44	1.47
	18	4.97	1.07	4.66	1.20	4.41	1.30	4.85	1.74	4.09	1.58	3.30	1.51	2.29	1.51
	20	4.83	1.12	4.54	1.25	4.30	1.35	4.76	1.78	3.94	1.62	3.17	1.54	2.27	1.52
	21	4.77	1.15	4.47	1.28	4.24	1.39	4.69	1.78	3.88	1.64	3.14	1.55	2.32	1.52
	22	4.69	1.16	4.40	1.30	4.16	1.42	4.63	1.80	3.83	1.66	3.13	1.57	2.39	1.52
	24	4.56	1.21	4.26	1.38	4.02	1.52	4.51	1.78	3.76	1.70	3.18	1.62	2.66	1.49
2.5	16	5.92	1.27	5.53	1.43	5.23	1.56	5.76	2.05	4.98	1.91	4.09	1.83	2.84	1.81
	18	5.77	1.32	5.42	1.48	5.13	1.60	5.64	2.13	4.76	1.95	3.84	1.85	2.66	1.85
	20	5.62	1.38	5.27	1.53	5.00	1.66	5.53	2.19	4.58	2.00	3.69	1.89	2.64	1.87
	21	5.54	1.41	5.20	1.57	4.93	1.70	5.46	2.19	4.51	2.02	3.66	1.91	2.69	1.87
	22	5.46	1.42	5.12	1.60	4.84	1.75	5.39	2.21	4.45	2.04	3.64	1.93	2.78	1.87
	24	5.30	1.48	4.95	1.70	4.67	1.87	5.24	2.19	4.37	2.09	3.70	1.99	3.09	1.84
3.2	16	6.75	1.37	6.31	1.53	5.96	1.67	6.57	2.19	5.67	2.04	4.66	1.96	3.23	1.94
	18	6.58	1.41	6.17	1.58	5.85	1.72	6.43	2.29	5.42	2.09	4.38	1.99	3.04	1.99
	20	6.40	1.48	6.01	1.65	5.70	1.78	6.30	2.35	5.23	2.14	4.21	2.03	3.01	2.00
	21	6.32	1.51	5.93	1.69	5.62	1.83	6.22	2.35	5.14	2.16	4.17	2.05	3.07	2.00
	22	6.22	1.53	5.83	1.72	5.52	1.88	6.14	2.37	5.07	2.19	4.15	2.07	3.17	2.00
	24	6.04	1.59	5.64	1.82	5.32	2.00	5.98	2.35	4.99	2.25	4.22	2.13	3.53	1.97
4.0	16	7.57	1.67	7.08	1.88	6.69	2.04	7.37	2.69	6.37	2.50	5.23	2.40	3.63	2.37
	18	7.39	1.73	6.93	1.94	6.57	2.10	7.23	2.80	6.09	2.56	4.92	2.43	3.41	2.43
	20	7.19	1.81	6.75	2.02	6.40	2.18	7.08	2.88	5.87	2.62	4.72	2.48	3.37	2.45
	21	7.10	1.85	6.66	2.07	6.31	2.24	6.99	2.88	5.78	2.65	4.68	2.51	3.45	2.45
	22	6.99	1.87	6.55	2.11	6.20	2.30	6.90	2.90	5.70	2.68	4.66	2.54	3.56	2.45
	24	6.79	1.95	6.34	2.23	5.98	2.45	6.71	2.88	5.60	2.75	4.73	2.61	3.96	2.41
5.0	16	8.05	1.76	7.53	1.97	7.11	2.15	7.83	2.82	6.77	2.63	5.56	2.52	3.86	2.49
	18	7.85	1.82	7.37	2.04	6.98	2.21	7.68	2.94	6.47	2.69	5.22	2.56	3.62	2.56
	20	7.64	1.90	7.17	2.12	6.80	2.29	7.52	3.03	6.23	2.75	5.02	2.61	3.59	2.58
	21	7.54	1.94	7.07	2.17	6.70	2.35	7.42	3.03	6.14	2.78	4.97	2.63	3.66	2.58
	22	7.42	1.96	6.96	2.21	6.59	2.41	7.33	3.05	6.05	2.81	4.95	2.66	3.78	2.58
	24	7.21	2.04	6.73	2.34	6.35	2.58	7.13	3.03	5.95	2.89	5.03	2.74	4.21	2.54
2.0 + 2.0	16	7.55	1.08	6.97	1.31	6.51	1.49	6.34	2.09	5.54	1.91	4.79	1.75	3.92	1.60
	18	7.40	1.12	6.84	1.36	6.40	1.56	6.41	2.01	5.41	1.93	4.60	1.83	3.84	1.66
	20	7.21	1.18	6.70	1.42	6.30	1.61	6.45	1.97	5.35	1.96	4.49	1.88	3.73	1.73
	21	7.11	1.21	6.64	1.44	6.26	1.62	6.45	1.96	5.35	1.96	4.47	1.90	3.66	1.75
	22	7.00	1.23	6.57	1.46	6.22	1.64	6.44	1.96	5.35	1.96	4.45	1.90	3.59	1.77
	24	6.77	1.29	6.43	1.48	6.16	1.64	6.40	1.99	5.43	1.98	4.52	1.93	3.44	1.80

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5	16	7.55	1.08	6.97	1.31	6.51	1.49	6.34	2.09	5.54	1.91	4.79	1.75	3.92	1.60
	18	7.40	1.12	6.84	1.36	6.40	1.56	6.41	2.01	5.41	1.93	4.60	1.83	3.84	1.66
	20	7.21	1.18	6.70	1.42	6.30	1.61	6.45	1.97	5.35	1.96	4.49	1.88	3.73	1.73
	21	7.11	1.21	6.64	1.44	6.26	1.62	6.45	1.96	5.35	1.96	4.47	1.90	3.66	1.75
	22	7.00	1.23	6.57	1.46	6.22	1.64	6.44	1.96	5.35	1.96	4.45	1.90	3.59	1.77
	24	6.77	1.29	6.43	1.48	6.16	1.64	6.40	1.99	5.43	1.98	4.52	1.93	3.44	1.80
2.0 + 3.2	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91
2.0 + 4.0	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91
2.0 + 5.0	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91
2.5 + 2.5	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91
2.5 + 3.2	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91
2.5 + 4.0	16	7.43	1.21	6.86	1.47	6.40	1.68	6.24	2.35	5.46	2.15	4.72	1.97	3.86	1.80
	18	7.28	1.26	6.73	1.53	6.29	1.75	6.31	2.26	5.32	2.17	4.53	2.06	3.78	1.87
	20	7.09	1.33	6.60	1.60	6.20	1.81	6.35	2.22	5.27	2.20	4.42	2.12	3.67	1.94
	21	7.00	1.36	6.53	1.62	6.16	1.82	6.35	2.20	5.27	2.20	4.40	2.14	3.60	1.97
	22	6.89	1.39	6.46	1.64	6.12	1.84	6.34	2.20	5.26	2.20	4.38	2.14	3.53	1.99
	24	6.66	1.45	6.33	1.66	6.06	1.84	6.29	2.23	5.35	2.22	4.45	2.16	3.38	2.03

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 5.0	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91
3.2 + 3.2	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91
3.2 + 4.0	16	8.03	1.14	7.41	1.38	6.92	1.58	6.74	2.21	5.90	2.02	5.10	1.85	4.17	1.69
	18	7.87	1.18	7.28	1.44	6.80	1.65	6.82	2.13	5.75	2.04	4.90	1.93	4.08	1.75
	20	7.67	1.25	7.13	1.50	6.70	1.70	6.86	2.08	5.69	2.07	4.78	1.99	3.96	1.82
	21	7.56	1.28	7.06	1.52	6.66	1.71	6.86	2.07	5.69	2.07	4.76	2.01	3.89	1.85
	22	7.45	1.30	6.98	1.54	6.61	1.73	6.85	2.07	5.69	2.07	4.74	2.01	3.82	1.86
	24	7.20	1.36	6.84	1.56	6.55	1.73	6.80	2.10	5.78	2.09	4.81	2.03	3.66	1.91

Total Q = Total Capacity (kW)
Input Power = Input Power (kW)

17.2.3 CU-3RE18SBE

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	16	3.72	0.74	3.56	0.90	3.41	0.99	3.20	1.06	2.90	1.08	2.62	1.05	2.32	0.97
	18	3.53	0.75	3.42	0.91	3.30	1.01	3.13	1.08	2.87	1.11	2.61	1.08	2.32	1.00
	20	3.33	0.76	3.28	0.93	3.20	1.03	3.06	1.11	2.84	1.14	2.60	1.10	2.31	1.02
	21	3.25	0.77	3.22	0.94	3.16	1.04	3.03	1.12	2.81	1.15	2.57	1.12	2.29	1.03
	22	3.18	0.78	3.16	0.95	3.11	1.05	3.00	1.13	2.79	1.16	2.55	1.13	2.26	1.04
	24	3.03	0.81	3.05	0.98	3.02	1.08	2.93	1.15	2.73	1.18	2.50	1.15	2.20	1.07
2.0	16	4.77	0.94	4.56	1.13	4.37	1.24	4.09	1.33	3.72	1.36	3.36	1.32	2.97	1.23
	18	4.52	0.95	4.38	1.15	4.23	1.27	4.01	1.37	3.68	1.40	3.35	1.36	2.97	1.26
	20	4.27	0.96	4.20	1.17	4.10	1.30	3.92	1.40	3.64	1.44	3.33	1.39	2.97	1.29
	21	4.17	0.97	4.13	1.19	4.04	1.31	3.88	1.41	3.60	1.45	3.30	1.41	2.93	1.30
	22	4.07	0.99	4.05	1.20	3.99	1.33	3.84	1.43	3.57	1.46	3.27	1.42	2.89	1.32
	24	3.88	1.02	3.91	1.23	3.87	1.36	3.75	1.46	3.50	1.49	3.20	1.45	2.82	1.35
2.5	16	5.00	0.94	4.78	1.13	4.58	1.24	4.29	1.33	3.90	1.36	3.53	1.32	3.11	1.23
	18	4.74	0.95	4.59	1.15	4.44	1.27	4.20	1.37	3.86	1.40	3.51	1.36	3.11	1.26
	20	4.47	0.96	4.40	1.17	4.30	1.30	4.12	1.40	3.81	1.44	3.49	1.39	3.11	1.29
	21	4.37	0.97	4.33	1.19	4.24	1.31	4.07	1.41	3.78	1.45	3.46	1.41	3.07	1.30
	22	4.27	0.99	4.25	1.20	4.18	1.33	4.03	1.43	3.74	1.46	3.43	1.42	3.03	1.32
	24	4.07	1.02	4.10	1.23	4.06	1.36	3.94	1.46	3.67	1.49	3.36	1.45	2.96	1.35
3.2	16	6.74	1.56	6.45	1.89	6.18	2.08	5.79	2.23	5.26	2.28	4.76	2.21	4.20	2.05
	18	6.39	1.58	6.19	1.92	5.99	2.12	5.67	2.28	5.20	2.34	4.73	2.27	4.20	2.10
	20	6.03	1.60	5.94	1.96	5.80	2.17	5.55	2.34	5.14	2.40	4.71	2.33	4.19	2.15
	21	5.90	1.62	5.84	1.98	5.72	2.19	5.49	2.36	5.10	2.42	4.67	2.35	4.14	2.18
	22	5.76	1.65	5.73	2.01	5.64	2.22	5.43	2.38	5.05	2.44	4.62	2.37	4.09	2.20
	24	5.49	1.70	5.53	2.06	5.48	2.27	5.31	2.43	4.95	2.49	4.53	2.42	3.99	2.25
4.0	16	7.91	2.16	7.56	2.61	7.24	2.87	6.79	3.08	6.16	3.15	5.58	3.06	4.93	2.83
	18	7.49	2.18	7.26	2.66	7.02	2.94	6.65	3.15	6.10	3.23	5.55	3.14	4.92	2.90
	20	7.08	2.21	6.96	2.71	6.80	3.00	6.51	3.23	6.03	3.31	5.52	3.22	4.92	2.97
	21	6.92	2.25	6.84	2.74	6.71	3.03	6.44	3.26	5.98	3.34	5.47	3.25	4.86	3.01
	22	6.76	2.28	6.72	2.78	6.61	3.07	6.37	3.30	5.92	3.38	5.42	3.28	4.80	3.04
	24	6.44	2.35	6.49	2.84	6.42	3.13	6.23	3.36	5.81	3.44	5.31	3.35	4.67	3.11
5.0	16	8.02	1.94	7.67	2.35	7.35	2.58	6.89	2.77	6.26	2.83	5.66	2.75	5.00	2.55
	18	7.60	1.97	7.37	2.39	7.13	2.64	6.75	2.84	6.19	2.91	5.63	2.82	4.99	2.61
	20	7.18	1.99	7.06	2.44	6.90	2.70	6.61	2.91	6.12	2.98	5.60	2.90	4.99	2.68
	21	7.02	2.02	6.94	2.47	6.80	2.73	6.53	2.94	6.06	3.01	5.55	2.93	4.93	2.71
	22	6.86	2.05	6.82	2.50	6.71	2.76	6.46	2.97	6.01	3.04	5.50	2.95	4.87	2.74
	24	6.53	2.12	6.58	2.56	6.52	2.82	6.32	3.02	5.89	3.10	5.39	3.01	4.74	2.80

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 1.6	16	13.78	1.49	9.65	1.83	7.66	2.04	6.35	2.22	5.83	2.32	5.63	2.30	5.07	2.19
	18	13.68	1.55	9.41	1.86	7.33	2.05	5.95	2.23	5.43	2.34	5.32	2.35	4.97	2.29
	20	13.58	1.61	9.18	1.89	7.00	2.07	5.55	2.24	5.02	2.37	5.01	2.40	4.87	2.38
	21	13.43	1.64	8.97	1.91	6.87	2.09	5.57	2.25	5.23	2.37	5.29	2.41	5.05	2.38
	22	13.28	1.68	8.77	1.93	6.73	2.10	5.60	2.26	5.45	2.37	5.57	2.41	5.24	2.39
	24	12.98	1.75	8.37	1.98	6.47	2.13	5.64	2.27	5.87	2.38	6.14	2.41	5.60	2.39
1.6 + 2.0	16	13.78	1.47	9.65	1.81	7.66	2.01	6.35	2.19	5.83	2.28	5.63	2.27	5.07	2.16
	18	13.68	1.53	9.41	1.83	7.33	2.02	5.95	2.20	5.43	2.31	5.32	2.32	4.97	2.25
	20	13.58	1.58	9.18	1.86	7.00	2.04	5.55	2.21	5.02	2.33	5.01	2.37	4.87	2.34
	21	13.43	1.62	8.97	1.88	6.87	2.06	5.57	2.22	5.23	2.34	5.29	2.37	5.05	2.35
	22	13.28	1.65	8.77	1.91	6.73	2.07	5.60	2.23	5.45	2.34	5.57	2.37	5.24	2.35
	24	12.98	1.72	8.37	1.95	6.47	2.10	5.64	2.24	5.87	2.34	6.14	2.38	5.60	2.36
1.6 + 2.5	16	13.78	1.47	9.65	1.81	7.66	2.01	6.35	2.19	5.83	2.28	5.63	2.27	5.07	2.16
	18	13.68	1.53	9.41	1.83	7.33	2.02	5.95	2.20	5.43	2.31	5.32	2.32	4.97	2.25
	20	13.58	1.58	9.18	1.86	7.00	2.04	5.55	2.21	5.02	2.33	5.01	2.37	4.87	2.34
	21	13.43	1.62	8.97	1.88	6.87	2.06	5.57	2.22	5.23	2.34	5.29	2.37	5.05	2.35
	22	13.28	1.65	8.77	1.91	6.73	2.07	5.60	2.23	5.45	2.34	5.57	2.37	5.24	2.35
	24	12.98	1.72	8.37	1.95	6.47	2.10	5.64	2.24	5.87	2.34	6.14	2.38	5.60	2.36
1.6 + 3.2	16	14.37	1.54	10.06	1.88	7.98	2.10	6.63	2.28	6.08	2.38	5.87	2.37	5.29	2.26
	18	14.27	1.59	9.82	1.91	7.64	2.11	6.21	2.29	5.66	2.41	5.55	2.42	5.18	2.35
	20	14.16	1.65	9.57	1.94	7.30	2.13	5.79	2.31	5.24	2.44	5.23	2.47	5.08	2.45
	21	14.01	1.69	9.36	1.97	7.16	2.15	5.81	2.31	5.46	2.44	5.52	2.48	5.27	2.45
	22	13.85	1.73	9.15	1.99	7.02	2.16	5.84	2.32	5.68	2.44	5.81	2.48	5.46	2.46
	24	13.54	1.80	8.73	2.04	6.74	2.19	5.89	2.34	6.13	2.45	6.40	2.48	5.84	2.46
1.6 + 4.0	16	14.37	1.53	10.06	1.88	7.98	2.09	6.63	2.27	6.08	2.37	5.87	2.35	5.29	2.25
	18	14.27	1.59	9.82	1.91	7.64	2.10	6.21	2.28	5.66	2.40	5.55	2.41	5.18	2.34
	20	14.16	1.65	9.57	1.93	7.30	2.12	5.79	2.30	5.24	2.42	5.23	2.46	5.08	2.44
	21	14.01	1.68	9.36	1.96	7.16	2.14	5.81	2.30	5.46	2.43	5.52	2.46	5.27	2.44
	22	13.85	1.72	9.15	1.98	7.02	2.15	5.84	2.31	5.68	2.43	5.81	2.47	5.46	2.44
	24	13.54	1.79	8.73	2.03	6.74	2.18	5.89	2.33	6.13	2.44	6.40	2.47	5.84	2.45
1.6 + 5.0	16	15.75	1.69	11.03	2.07	8.75	2.30	7.26	2.51	6.66	2.62	6.43	2.60	5.79	2.48
	18	15.64	1.75	10.76	2.10	8.37	2.32	6.80	2.52	6.20	2.65	6.08	2.66	5.68	2.58
	20	15.52	1.82	10.49	2.13	8.00	2.34	6.34	2.53	5.74	2.68	5.73	2.72	5.56	2.69
	21	15.35	1.86	10.26	2.16	7.85	2.36	6.37	2.54	5.98	2.68	6.05	2.72	5.77	2.69
	22	15.18	1.90	10.03	2.19	7.70	2.37	6.40	2.55	6.23	2.68	6.37	2.72	5.98	2.70
	24	14.83	1.98	9.57	2.24	7.39	2.41	6.45	2.57	6.71	2.69	7.01	2.73	6.40	2.71
2.0 + 2.0	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35
2.0 + 3.2	16	14.37	1.53	10.06	1.88	7.98	2.09	6.63	2.27	6.08	2.37	5.87	2.35	5.29	2.25
	18	14.27	1.59	9.82	1.91	7.64	2.10	6.21	2.28	5.66	2.40	5.55	2.41	5.18	2.34
	20	14.16	1.65	9.57	1.93	7.30	2.12	5.79	2.30	5.24	2.42	5.23	2.46	5.08	2.44
	21	14.01	1.68	9.36	1.96	7.16	2.14	5.81	2.30	5.46	2.43	5.52	2.46	5.27	2.44
	22	13.85	1.72	9.15	1.98	7.02	2.15	5.84	2.31	5.68	2.43	5.81	2.47	5.46	2.44
	24	13.54	1.79	8.73	2.03	6.74	2.18	5.89	2.33	6.13	2.44	6.40	2.47	5.84	2.45
2.0 + 4.0	16	14.37	1.50	10.06	1.84	7.98	2.05	6.63	2.23	6.08	2.33	5.87	2.31	5.29	2.20
	18	14.27	1.56	9.82	1.87	7.64	2.06	6.21	2.24	5.66	2.35	5.55	2.36	5.18	2.30
	20	14.16	1.61	9.57	1.90	7.30	2.08	5.79	2.25	5.24	2.38	5.23	2.42	5.08	2.39
	21	14.01	1.65	9.36	1.92	7.16	2.10	5.81	2.26	5.46	2.38	5.52	2.42	5.27	2.39
	22	13.85	1.69	9.15	1.94	7.02	2.11	5.84	2.27	5.68	2.38	5.81	2.42	5.46	2.40
	24	13.54	1.76	8.73	1.99	6.74	2.14	5.89	2.28	6.13	2.39	6.40	2.42	5.84	2.40
2.0 + 5.0	16	15.75	1.68	11.03	2.06	8.75	2.30	7.26	2.50	6.66	2.61	6.43	2.59	5.79	2.47
	18	15.64	1.74	10.76	2.09	8.37	2.31	6.80	2.51	6.20	2.64	6.08	2.65	5.68	2.57
	20	15.52	1.81	10.49	2.13	8.00	2.33	6.34	2.52	5.74	2.66	5.73	2.71	5.56	2.68
	21	15.35	1.85	10.26	2.15	7.85	2.35	6.37	2.53	5.98	2.67	6.05	2.71	5.77	2.68
	22	15.18	1.89	10.03	2.18	7.70	2.36	6.40	2.54	6.23	2.67	6.37	2.71	5.98	2.69
	24	14.83	1.97	9.57	2.23	7.39	2.40	6.45	2.56	6.71	2.68	7.01	2.71	6.40	2.69
2.5 + 2.5	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35
2.5 + 3.2	16	14.37	1.53	10.06	1.88	7.98	2.09	6.63	2.27	6.08	2.37	5.87	2.35	5.29	2.25
	18	14.27	1.59	9.82	1.91	7.64	2.10	6.21	2.28	5.66	2.40	5.55	2.41	5.18	2.34
	20	14.16	1.65	9.57	1.93	7.30	2.12	5.79	2.30	5.24	2.42	5.23	2.46	5.08	2.44
	21	14.01	1.68	9.36	1.96	7.16	2.14	5.81	2.30	5.46	2.43	5.52	2.46	5.27	2.44
	22	13.85	1.72	9.15	1.98	7.02	2.15	5.84	2.31	5.68	2.43	5.81	2.47	5.46	2.44
	24	13.54	1.79	8.73	2.03	6.74	2.18	5.89	2.33	6.13	2.44	6.40	2.47	5.84	2.45
2.5 + 4.0	16	14.37	1.50	10.06	1.84	7.98	2.05	6.63	2.23	6.08	2.33	5.87	2.31	5.29	2.20
	18	14.27	1.56	9.82	1.87	7.64	2.06	6.21	2.24	5.66	2.35	5.55	2.36	5.18	2.30
	20	14.16	1.61	9.57	1.90	7.30	2.08	5.79	2.25	5.24	2.38	5.23	2.42	5.08	2.39
	21	14.01	1.65	9.36	1.92	7.16	2.10	5.81	2.26	5.46	2.38	5.52	2.42	5.27	2.39
	22	13.85	1.69	9.15	1.94	7.02	2.11	5.84	2.27	5.68	2.38	5.81	2.42	5.46	2.40
	24	13.54	1.76	8.73	1.99	6.74	2.14	5.89	2.28	6.13	2.39	6.40	2.42	5.84	2.40

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 5.0	16	15.75	1.68	11.03	2.06	8.75	2.30	7.26	2.50	6.66	2.61	6.43	2.59	5.79	2.47
	18	15.64	1.74	10.76	2.09	8.37	2.31	6.80	2.51	6.20	2.64	6.08	2.65	5.68	2.57
	20	15.52	1.81	10.49	2.13	8.00	2.33	6.34	2.52	5.74	2.66	5.73	2.71	5.56	2.68
	21	15.35	1.85	10.26	2.15	7.85	2.35	6.37	2.53	5.98	2.67	6.05	2.71	5.77	2.68
	22	15.18	1.89	10.03	2.18	7.70	2.36	6.40	2.54	6.23	2.67	6.37	2.71	5.98	2.69
	24	14.83	1.97	9.57	2.23	7.39	2.40	6.45	2.56	6.71	2.68	7.01	2.71	6.40	2.69
3.2 + 3.2	16	14.77	1.54	10.34	1.89	8.20	2.11	6.81	2.29	6.25	2.39	6.03	2.38	5.43	2.27
	18	14.66	1.60	10.09	1.92	7.85	2.12	6.38	2.31	5.81	2.42	5.70	2.43	5.32	2.36
	20	14.55	1.66	9.83	1.95	7.50	2.14	5.95	2.32	5.38	2.45	5.37	2.49	5.22	2.46
	21	14.39	1.70	9.62	1.98	7.36	2.16	5.97	2.33	5.61	2.45	5.67	2.49	5.41	2.46
	22	14.23	1.73	9.40	2.00	7.21	2.17	6.00	2.33	5.84	2.45	5.97	2.49	5.61	2.47
	24	13.91	1.81	8.97	2.05	6.93	2.20	6.05	2.35	6.29	2.46	6.58	2.49	6.00	2.47
3.2 + 4.0	16	14.77	1.54	10.34	1.89	8.20	2.11	6.81	2.29	6.25	2.39	6.03	2.38	5.43	2.27
	18	14.66	1.60	10.09	1.92	7.85	2.12	6.38	2.31	5.81	2.42	5.70	2.43	5.32	2.36
	20	14.55	1.66	9.83	1.95	7.50	2.14	5.95	2.32	5.38	2.45	5.37	2.49	5.22	2.46
	21	14.39	1.70	9.62	1.98	7.36	2.16	5.97	2.33	5.61	2.45	5.67	2.49	5.41	2.46
	22	14.23	1.73	9.40	2.00	7.21	2.17	6.00	2.33	5.84	2.45	5.97	2.49	5.61	2.47
	24	13.91	1.81	8.97	2.05	6.93	2.20	6.05	2.35	6.29	2.46	6.58	2.49	6.00	2.47
3.2 + 5.0	16	15.75	1.64	11.03	2.01	8.75	2.24	7.26	2.43	6.66	2.54	6.43	2.52	5.79	2.41
	18	15.64	1.70	10.76	2.04	8.37	2.25	6.80	2.45	6.20	2.57	6.08	2.58	5.68	2.51
	20	15.52	1.76	10.49	2.07	8.00	2.27	6.34	2.46	5.74	2.60	5.73	2.64	5.56	2.61
	21	15.35	1.80	10.26	2.10	7.85	2.29	6.37	2.47	5.98	2.60	6.05	2.64	5.77	2.61
	22	15.18	1.84	10.03	2.12	7.70	2.30	6.40	2.48	6.23	2.60	6.37	2.64	5.98	2.62
	24	14.83	1.92	9.57	2.17	7.39	2.34	6.45	2.49	6.71	2.61	7.01	2.64	6.40	2.62
4.0 + 4.0	16	14.97	1.57	10.48	1.92	8.31	2.14	6.90	2.33	6.33	2.43	6.11	2.41	5.51	2.30
	18	14.85	1.62	10.22	1.95	7.96	2.15	6.46	2.34	5.89	2.45	5.78	2.47	5.40	2.40
	20	14.74	1.68	9.96	1.98	7.60	2.17	6.02	2.35	5.45	2.48	5.44	2.52	5.29	2.49
	21	14.58	1.72	9.74	2.00	7.46	2.19	6.05	2.36	5.68	2.48	5.75	2.52	5.48	2.50
	22	14.42	1.76	9.52	2.03	7.31	2.20	6.08	2.37	5.91	2.49	6.05	2.52	5.68	2.50
	24	14.09	1.83	9.09	2.08	7.02	2.23	6.13	2.38	6.38	2.49	6.66	2.53	6.08	2.51
4.0 + 5.0	16	15.75	1.64	11.03	2.01	8.75	2.24	7.26	2.43	6.66	2.54	6.43	2.52	5.79	2.41
	18	15.64	1.70	10.76	2.04	8.37	2.25	6.80	2.45	6.20	2.57	6.08	2.58	5.68	2.51
	20	15.52	1.76	10.49	2.07	8.00	2.27	6.34	2.46	5.74	2.60	5.73	2.64	5.56	2.61
	21	15.35	1.80	10.26	2.10	7.85	2.29	6.37	2.47	5.98	2.60	6.05	2.64	5.77	2.61
	22	15.18	1.84	10.03	2.12	7.70	2.30	6.40	2.48	6.23	2.60	6.37	2.64	5.98	2.62
	24	14.83	1.92	9.57	2.17	7.39	2.34	6.45	2.49	6.71	2.61	7.01	2.64	6.40	2.62
1.6 + 1.6 + 1.6	16	15.95	1.62	11.17	1.99	8.86	2.22	7.35	2.41	6.75	2.52	6.51	2.50	5.87	2.38
	18	15.83	1.68	10.89	2.02	8.48	2.23	6.89	2.42	6.28	2.54	6.16	2.56	5.75	2.49
	20	15.71	1.75	10.62	2.05	8.10	2.25	6.42	2.44	5.81	2.57	5.80	2.61	5.63	2.59
	21	15.54	1.78	10.38	2.08	7.95	2.27	6.45	2.45	6.06	2.58	6.12	2.61	5.85	2.59
	22	15.37	1.82	10.15	2.10	7.79	2.28	6.48	2.45	6.30	2.58	6.45	2.62	6.06	2.59
	24	15.02	1.90	9.68	2.15	7.48	2.32	6.53	2.47	6.80	2.59	7.10	2.62	6.48	2.60

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 1.6 + 2.0	16	16.34	1.67	11.44	2.05	9.08	2.29	7.53	2.49	6.91	2.60	6.68	2.58	6.01	2.46
	18	16.22	1.74	11.16	2.08	8.69	2.30	7.06	2.50	6.43	2.62	6.31	2.64	5.89	2.56
	20	16.10	1.80	10.88	2.12	8.30	2.32	6.58	2.51	5.95	2.65	5.94	2.69	5.77	2.67
	21	15.92	1.84	10.64	2.14	8.14	2.34	6.61	2.52	6.21	2.66	6.28	2.70	5.99	2.67
	22	15.75	1.88	10.40	2.17	7.98	2.35	6.64	2.53	6.46	2.66	6.61	2.70	6.21	2.67
	24	15.39	1.96	9.92	2.22	7.67	2.39	6.69	2.55	6.97	2.67	7.28	2.70	6.64	2.68
1.6 + 1.6 + 2.5	16	16.34	1.67	11.44	2.05	9.08	2.29	7.53	2.49	6.91	2.60	6.68	2.58	6.01	2.46
	18	16.22	1.74	11.16	2.08	8.69	2.30	7.06	2.50	6.43	2.62	6.31	2.64	5.89	2.56
	20	16.10	1.80	10.88	2.12	8.30	2.32	6.58	2.51	5.95	2.65	5.94	2.69	5.77	2.67
	21	15.92	1.84	10.64	2.14	8.14	2.34	6.61	2.52	6.21	2.66	6.28	2.70	5.99	2.67
	22	15.75	1.88	10.40	2.17	7.98	2.35	6.64	2.53	6.46	2.66	6.61	2.70	6.21	2.67
	24	15.39	1.96	9.92	2.22	7.67	2.39	6.69	2.55	6.97	2.67	7.28	2.70	6.64	2.68
1.6 + 1.6 + 3.2	16	16.34	1.62	11.44	1.99	9.08	2.22	7.53	2.41	6.91	2.52	6.68	2.50	6.01	2.38
	18	16.22	1.68	11.16	2.02	8.69	2.23	7.06	2.42	6.43	2.54	6.31	2.56	5.89	2.49
	20	16.10	1.75	10.88	2.05	8.30	2.25	6.58	2.44	5.95	2.57	5.94	2.61	5.77	2.59
	21	15.92	1.78	10.64	2.08	8.14	2.27	6.61	2.45	6.21	2.58	6.28	2.61	5.99	2.59
	22	15.75	1.82	10.40	2.10	7.98	2.28	6.64	2.45	6.46	2.58	6.61	2.62	6.21	2.59
	24	15.39	1.90	9.92	2.15	7.67	2.32	6.69	2.47	6.97	2.59	7.28	2.62	6.64	2.60
1.6 + 1.6 + 4.0	16	16.34	1.62	11.44	1.99	9.08	2.22	7.53	2.41	6.91	2.52	6.68	2.50	6.01	2.38
	18	16.22	1.68	11.16	2.02	8.69	2.23	7.06	2.42	6.43	2.54	6.31	2.56	5.89	2.49
	20	16.10	1.75	10.88	2.05	8.30	2.25	6.58	2.44	5.95	2.57	5.94	2.61	5.77	2.59
	21	15.92	1.78	10.64	2.08	8.14	2.27	6.61	2.45	6.21	2.58	6.28	2.61	5.99	2.59
	22	15.75	1.82	10.40	2.10	7.98	2.28	6.64	2.45	6.46	2.58	6.61	2.62	6.21	2.59
	24	15.39	1.90	9.92	2.15	7.67	2.32	6.69	2.47	6.97	2.59	7.28	2.62	6.64	2.60
1.6 + 1.6 + 5.0	16	16.34	1.60	11.44	1.96	9.08	2.19	7.53	2.38	6.91	2.48	6.68	2.47	6.01	2.35
	18	16.22	1.66	11.16	1.99	8.69	2.20	7.06	2.39	6.43	2.51	6.31	2.52	5.89	2.45
	20	16.10	1.72	10.88	2.03	8.30	2.22	6.58	2.40	5.95	2.54	5.94	2.58	5.77	2.55
	21	15.92	1.76	10.64	2.05	8.14	2.24	6.61	2.41	6.21	2.54	6.28	2.58	5.99	2.56
	22	15.75	1.80	10.40	2.07	7.98	2.25	6.64	2.42	6.46	2.54	6.61	2.58	6.21	2.56
	24	15.39	1.88	9.92	2.12	7.67	2.29	6.69	2.44	6.97	2.55	7.28	2.59	6.64	2.57
1.6 + 2.0 + 2.0	16	16.34	1.64	11.44	2.01	9.08	2.24	7.53	2.43	6.91	2.54	6.68	2.52	6.01	2.41
	18	16.22	1.70	11.16	2.04	8.69	2.25	7.06	2.45	6.43	2.57	6.31	2.58	5.89	2.51
	20	16.10	1.76	10.88	2.07	8.30	2.27	6.58	2.46	5.95	2.60	5.94	2.64	5.77	2.61
	21	15.92	1.80	10.64	2.10	8.14	2.29	6.61	2.47	6.21	2.60	6.28	2.64	5.99	2.61
	22	15.75	1.84	10.40	2.12	7.98	2.30	6.64	2.48	6.46	2.60	6.61	2.64	6.21	2.62
	24	15.39	1.92	9.92	2.17	7.67	2.34	6.69	2.49	6.97	2.61	7.28	2.64	6.64	2.62
1.6 + 2.0 + 2.5	16	16.34	1.64	11.44	2.01	9.08	2.24	7.53	2.43	6.91	2.54	6.68	2.52	6.01	2.41
	18	16.22	1.70	11.16	2.04	8.69	2.25	7.06	2.45	6.43	2.57	6.31	2.58	5.89	2.51
	20	16.10	1.76	10.88	2.07	8.30	2.27	6.58	2.46	5.95	2.60	5.94	2.64	5.77	2.61
	21	15.92	1.80	10.64	2.10	8.14	2.29	6.61	2.47	6.21	2.60	6.28	2.64	5.99	2.61
	22	15.75	1.84	10.40	2.12	7.98	2.30	6.64	2.48	6.46	2.60	6.61	2.64	6.21	2.62
	24	15.39	1.92	9.92	2.17	7.67	2.34	6.69	2.49	6.97	2.61	7.28	2.64	6.64	2.62

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 2.0 + 3.2	16	16.34	1.62	11.44	1.99	9.08	2.22	7.53	2.41	6.91	2.52	6.68	2.50	6.01	2.38
	18	16.22	1.68	11.16	2.02	8.69	2.23	7.06	2.42	6.43	2.54	6.31	2.56	5.89	2.49
	20	16.10	1.75	10.88	2.05	8.30	2.25	6.58	2.44	5.95	2.57	5.94	2.61	5.77	2.59
	21	15.92	1.78	10.64	2.08	8.14	2.27	6.61	2.45	6.21	2.58	6.28	2.61	5.99	2.59
	22	15.75	1.82	10.40	2.10	7.98	2.28	6.64	2.45	6.46	2.58	6.61	2.62	6.21	2.59
	24	15.39	1.90	9.92	2.15	7.67	2.32	6.69	2.47	6.97	2.59	7.28	2.62	6.64	2.60
1.6 + 2.0 + 4.0	16	16.34	1.62	11.44	1.98	9.08	2.21	7.53	2.40	6.91	2.51	6.68	2.49	6.01	2.37
	18	16.22	1.68	11.16	2.01	8.69	2.22	7.06	2.41	6.43	2.53	6.31	2.54	5.89	2.47
	20	16.10	1.74	10.88	2.04	8.30	2.24	6.58	2.43	5.95	2.56	5.94	2.60	5.77	2.57
	21	15.92	1.78	10.64	2.07	8.14	2.26	6.61	2.43	6.21	2.56	6.28	2.60	5.99	2.58
	22	15.75	1.82	10.40	2.09	7.98	2.27	6.64	2.44	6.46	2.57	6.61	2.61	6.21	2.58
	24	15.39	1.89	9.92	2.14	7.67	2.31	6.69	2.46	6.97	2.57	7.28	2.61	6.64	2.59
1.6 + 2.0 + 5.0	16	16.34	1.60	11.44	1.96	9.08	2.19	7.53	2.38	6.91	2.48	6.68	2.47	6.01	2.35
	18	16.22	1.66	11.16	1.99	8.69	2.20	7.06	2.39	6.43	2.51	6.31	2.52	5.89	2.45
	20	16.10	1.72	10.88	2.03	8.30	2.22	6.58	2.40	5.95	2.54	5.94	2.58	5.77	2.55
	21	15.92	1.76	10.64	2.05	8.14	2.24	6.61	2.41	6.21	2.54	6.28	2.58	5.99	2.56
	22	15.75	1.80	10.40	2.07	7.98	2.25	6.64	2.42	6.46	2.54	6.61	2.58	6.21	2.56
	24	15.39	1.88	9.92	2.12	7.67	2.29	6.69	2.44	6.97	2.55	7.28	2.59	6.64	2.57
1.6 + 2.5 + 2.5	16	16.34	1.64	11.44	2.01	9.08	2.24	7.53	2.43	6.91	2.54	6.68	2.52	6.01	2.41
	18	16.22	1.70	11.16	2.04	8.69	2.25	7.06	2.45	6.43	2.57	6.31	2.58	5.89	2.51
	20	16.10	1.76	10.88	2.07	8.30	2.27	6.58	2.46	5.95	2.60	5.94	2.64	5.77	2.61
	21	15.92	1.80	10.64	2.10	8.14	2.29	6.61	2.47	6.21	2.60	6.28	2.64	5.99	2.61
	22	15.75	1.84	10.40	2.12	7.98	2.30	6.64	2.48	6.46	2.60	6.61	2.64	6.21	2.62
	24	15.39	1.92	9.92	2.17	7.67	2.34	6.69	2.49	6.97	2.61	7.28	2.64	6.64	2.62
1.6 + 2.5 + 3.2	16	16.34	1.62	11.44	1.99	9.08	2.22	7.53	2.41	6.91	2.52	6.68	2.50	6.01	2.38
	18	16.22	1.68	11.16	2.02	8.69	2.23	7.06	2.42	6.43	2.54	6.31	2.56	5.89	2.49
	20	16.10	1.75	10.88	2.05	8.30	2.25	6.58	2.44	5.95	2.57	5.94	2.61	5.77	2.59
	21	15.92	1.78	10.64	2.08	8.14	2.27	6.61	2.45	6.21	2.58	6.28	2.61	5.99	2.59
	22	15.75	1.82	10.40	2.10	7.98	2.28	6.64	2.45	6.46	2.58	6.61	2.62	6.21	2.59
	24	15.39	1.90	9.92	2.15	7.67	2.32	6.69	2.47	6.97	2.59	7.28	2.62	6.64	2.60
1.6 + 2.5 + 4.0	16	16.34	1.62	11.44	1.98	9.08	2.21	7.53	2.40	6.91	2.51	6.68	2.49	6.01	2.37
	18	16.22	1.68	11.16	2.01	8.69	2.22	7.06	2.41	6.43	2.53	6.31	2.54	5.89	2.47
	20	16.10	1.74	10.88	2.04	8.30	2.24	6.58	2.43	5.95	2.56	5.94	2.60	5.77	2.57
	21	15.92	1.78	10.64	2.07	8.14	2.26	6.61	2.43	6.21	2.56	6.28	2.60	5.99	2.58
	22	15.75	1.82	10.40	2.09	7.98	2.27	6.64	2.44	6.46	2.57	6.61	2.61	6.21	2.58
	24	15.39	1.89	9.92	2.14	7.67	2.31	6.69	2.46	6.97	2.57	7.28	2.61	6.64	2.59
1.6 + 3.2 + 3.2	16	16.34	1.60	11.44	1.96	9.08	2.19	7.53	2.38	6.91	2.48	6.68	2.47	6.01	2.35
	18	16.22	1.66	11.16	1.99	8.69	2.20	7.06	2.39	6.43	2.51	6.31	2.52	5.89	2.45
	20	16.10	1.72	10.88	2.03	8.30	2.22	6.58	2.40	5.95	2.54	5.94	2.58	5.77	2.55
	21	15.92	1.76	10.64	2.05	8.14	2.24	6.61	2.41	6.21	2.54	6.28	2.58	5.99	2.56
	22	15.75	1.80	10.40	2.07	7.98	2.25	6.64	2.42	6.46	2.54	6.61	2.58	6.21	2.56
	24	15.39	1.88	9.92	2.12	7.67	2.29	6.69	2.44	6.97	2.55	7.28	2.59	6.64	2.57

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 3.2 + 4.0	16	16.34	1.59	11.44	1.96	9.08	2.18	7.53	2.37	6.91	2.47	6.68	2.45	6.01	2.34
	18	16.22	1.65	11.16	1.99	8.69	2.19	7.06	2.38	6.43	2.50	6.31	2.51	5.89	2.44
	20	16.10	1.71	10.88	2.02	8.30	2.21	6.58	2.39	5.95	2.53	5.94	2.57	5.77	2.54
	21	15.92	1.75	10.64	2.04	8.14	2.23	6.61	2.40	6.21	2.53	6.28	2.57	5.99	2.54
	22	15.75	1.79	10.40	2.07	7.98	2.24	6.64	2.41	6.46	2.53	6.61	2.57	6.21	2.55
	24	15.39	1.87	9.92	2.12	7.67	2.28	6.69	2.43	6.97	2.54	7.28	2.57	6.64	2.56
2.0 + 2.0 + 2.0	16	16.34	1.63	11.44	2.00	9.08	2.23	7.53	2.42	6.91	2.53	6.68	2.51	6.01	2.40
	18	16.22	1.69	11.16	2.03	8.69	2.24	7.06	2.43	6.43	2.56	6.31	2.57	5.89	2.50
	20	16.10	1.75	10.88	2.06	8.30	2.26	6.58	2.45	5.95	2.58	5.94	2.62	5.77	2.60
	21	15.92	1.79	10.64	2.09	8.14	2.28	6.61	2.46	6.21	2.59	6.28	2.63	5.99	2.60
	22	15.75	1.83	10.40	2.11	7.98	2.29	6.64	2.46	6.46	2.59	6.61	2.63	6.21	2.61
	24	15.39	1.91	9.92	2.16	7.67	2.33	6.69	2.48	6.97	2.60	7.28	2.63	6.64	2.61
2.0 + 2.0 + 2.5	16	16.34	1.63	11.44	2.00	9.08	2.23	7.53	2.42	6.91	2.53	6.68	2.51	6.01	2.40
	18	16.22	1.69	11.16	2.03	8.69	2.24	7.06	2.43	6.43	2.56	6.31	2.57	5.89	2.50
	20	16.10	1.75	10.88	2.06	8.30	2.26	6.58	2.45	5.95	2.58	5.94	2.62	5.77	2.60
	21	15.92	1.79	10.64	2.09	8.14	2.28	6.61	2.46	6.21	2.59	6.28	2.63	5.99	2.60
	22	15.75	1.83	10.40	2.11	7.98	2.29	6.64	2.46	6.46	2.59	6.61	2.63	6.21	2.61
	24	15.39	1.91	9.92	2.16	7.67	2.33	6.69	2.48	6.97	2.60	7.28	2.63	6.64	2.61
2.0 + 2.0 + 3.2	16	16.34	1.62	11.44	1.98	9.08	2.21	7.53	2.40	6.91	2.51	6.68	2.49	6.01	2.37
	18	16.22	1.68	11.16	2.01	8.69	2.22	7.06	2.41	6.43	2.53	6.31	2.54	5.89	2.47
	20	16.10	1.74	10.88	2.04	8.30	2.24	6.58	2.43	5.95	2.56	5.94	2.60	5.77	2.57
	21	15.92	1.78	10.64	2.07	8.14	2.26	6.61	2.43	6.21	2.56	6.28	2.60	5.99	2.58
	22	15.75	1.82	10.40	2.09	7.98	2.27	6.64	2.44	6.46	2.57	6.61	2.61	6.21	2.58
	24	15.39	1.89	9.92	2.14	7.67	2.31	6.69	2.46	6.97	2.57	7.28	2.61	6.64	2.59
2.0 + 2.0 + 4.0	16	16.34	1.61	11.44	1.97	9.08	2.20	7.53	2.39	6.91	2.49	6.68	2.48	6.01	2.36
	18	16.22	1.67	11.16	2.00	8.69	2.21	7.06	2.40	6.43	2.52	6.31	2.53	5.89	2.46
	20	16.10	1.73	10.88	2.03	8.30	2.23	6.58	2.42	5.95	2.55	5.94	2.59	5.77	2.56
	21	15.92	1.77	10.64	2.06	8.14	2.25	6.61	2.42	6.21	2.55	6.28	2.59	5.99	2.57
	22	15.75	1.81	10.40	2.08	7.98	2.26	6.64	2.43	6.46	2.56	6.61	2.59	6.21	2.57
	24	15.39	1.88	9.92	2.13	7.67	2.30	6.69	2.45	6.97	2.56	7.28	2.60	6.64	2.58
2.0 + 2.0 + 5.0	16	16.34	1.59	11.44	1.96	9.08	2.18	7.53	2.37	6.91	2.47	6.68	2.45	6.01	2.34
	18	16.22	1.65	11.16	1.99	8.69	2.19	7.06	2.38	6.43	2.50	6.31	2.51	5.89	2.44
	20	16.10	1.71	10.88	2.02	8.30	2.21	6.58	2.39	5.95	2.53	5.94	2.57	5.77	2.54
	21	15.92	1.75	10.64	2.04	8.14	2.23	6.61	2.40	6.21	2.53	6.28	2.57	5.99	2.54
	22	15.75	1.79	10.40	2.07	7.98	2.24	6.64	2.41	6.46	2.53	6.61	2.57	6.21	2.55
	24	15.39	1.87	9.92	2.12	7.67	2.28	6.69	2.43	6.97	2.54	7.28	2.57	6.64	2.56
2.0 + 2.5 + 2.5	16	16.34	1.63	11.44	2.00	9.08	2.23	7.53	2.42	6.91	2.53	6.68	2.51	6.01	2.40
	18	16.22	1.69	11.16	2.03	8.69	2.24	7.06	2.43	6.43	2.56	6.31	2.57	5.89	2.50
	20	16.10	1.75	10.88	2.06	8.30	2.26	6.58	2.45	5.95	2.58	5.94	2.62	5.77	2.60
	21	15.92	1.79	10.64	2.09	8.14	2.28	6.61	2.46	6.21	2.59	6.28	2.63	5.99	2.60
	22	15.75	1.83	10.40	2.11	7.98	2.29	6.64	2.46	6.46	2.59	6.61	2.63	6.21	2.61
	24	15.39	1.91	9.92	2.16	7.67	2.33	6.69	2.48	6.97	2.60	7.28	2.63	6.64	2.61

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5 + 3.2	16	16.34	1.62	11.44	1.98	9.08	2.21	7.53	2.40	6.91	2.51	6.68	2.49	6.01	2.37
	18	16.22	1.68	11.16	2.01	8.69	2.22	7.06	2.41	6.43	2.53	6.31	2.54	5.89	2.47
	20	16.10	1.74	10.88	2.04	8.30	2.24	6.58	2.43	5.95	2.56	5.94	2.60	5.77	2.57
	21	15.92	1.78	10.64	2.07	8.14	2.26	6.61	2.43	6.21	2.56	6.28	2.60	5.99	2.58
	22	15.75	1.82	10.40	2.09	7.98	2.27	6.64	2.44	6.46	2.57	6.61	2.61	6.21	2.58
	24	15.39	1.89	9.92	2.14	7.67	2.31	6.69	2.46	6.97	2.57	7.28	2.61	6.64	2.59
2.0 + 2.5 + 4.0	16	16.34	1.61	11.44	1.97	9.08	2.20	7.53	2.39	6.91	2.49	6.68	2.48	6.01	2.36
	18	16.22	1.67	11.16	2.00	8.69	2.21	7.06	2.40	6.43	2.52	6.31	2.53	5.89	2.46
	20	16.10	1.73	10.88	2.03	8.30	2.23	6.58	2.42	5.95	2.55	5.94	2.59	5.77	2.56
	21	15.92	1.77	10.64	2.06	8.14	2.25	6.61	2.42	6.21	2.55	6.28	2.59	5.99	2.57
	22	15.75	1.81	10.40	2.08	7.98	2.26	6.64	2.43	6.46	2.56	6.61	2.59	6.21	2.57
	24	15.39	1.88	9.92	2.13	7.67	2.30	6.69	2.45	6.97	2.56	7.28	2.60	6.64	2.58
2.0 + 3.2 + 3.2	16	16.34	1.59	11.44	1.96	9.08	2.18	7.53	2.37	6.91	2.47	6.68	2.45	6.01	2.34
	18	16.22	1.65	11.16	1.99	8.69	2.19	7.06	2.38	6.43	2.50	6.31	2.51	5.89	2.44
	20	16.10	1.71	10.88	2.02	8.30	2.21	6.58	2.39	5.95	2.53	5.94	2.57	5.77	2.54
	21	15.92	1.75	10.64	2.04	8.14	2.23	6.61	2.40	6.21	2.53	6.28	2.57	5.99	2.54
	22	15.75	1.79	10.40	2.07	7.98	2.24	6.64	2.41	6.46	2.53	6.61	2.57	6.21	2.55
	24	15.39	1.87	9.92	2.12	7.67	2.28	6.69	2.43	6.97	2.54	7.28	2.57	6.64	2.56
2.5 + 2.5 + 2.5	16	16.34	1.63	11.44	2.00	9.08	2.23	7.53	2.42	6.91	2.53	6.68	2.51	6.01	2.40
	18	16.22	1.69	11.16	2.03	8.69	2.24	7.06	2.43	6.43	2.56	6.31	2.57	5.89	2.50
	20	16.10	1.75	10.88	2.06	8.30	2.26	6.58	2.45	5.95	2.58	5.94	2.62	5.77	2.60
	21	15.92	1.79	10.64	2.09	8.14	2.28	6.61	2.46	6.21	2.59	6.28	2.63	5.99	2.60
	22	15.75	1.83	10.40	2.11	7.98	2.29	6.64	2.46	6.46	2.59	6.61	2.63	6.21	2.61
	24	15.39	1.91	9.92	2.16	7.67	2.33	6.69	2.48	6.97	2.60	7.28	2.63	6.64	2.61
2.5 + 2.5 + 3.2	16	16.34	1.62	11.44	1.98	9.08	2.21	7.53	2.40	6.91	2.51	6.68	2.49	6.01	2.37
	18	16.22	1.68	11.16	2.01	8.69	2.22	7.06	2.41	6.43	2.53	6.31	2.54	5.89	2.47
	20	16.10	1.74	10.88	2.04	8.30	2.24	6.58	2.43	5.95	2.56	5.94	2.60	5.77	2.57
	21	15.92	1.78	10.64	2.07	8.14	2.26	6.61	2.43	6.21	2.56	6.28	2.60	5.99	2.58
	22	15.75	1.82	10.40	2.09	7.98	2.27	6.64	2.44	6.46	2.57	6.61	2.61	6.21	2.58
	24	15.39	1.89	9.92	2.14	7.67	2.31	6.69	2.46	6.97	2.57	7.28	2.61	6.64	2.59
2.5 + 2.5 + 4.0	16	16.34	1.61	11.44	1.97	9.08	2.20	7.53	2.39	6.91	2.49	6.68	2.48	6.01	2.36
	18	16.22	1.67	11.16	2.00	8.69	2.21	7.06	2.40	6.43	2.52	6.31	2.53	5.89	2.46
	20	16.10	1.73	10.88	2.03	8.30	2.23	6.58	2.42	5.95	2.55	5.94	2.59	5.77	2.56
	21	15.92	1.77	10.64	2.06	8.14	2.25	6.61	2.42	6.21	2.55	6.28	2.59	5.99	2.57
	22	15.75	1.81	10.40	2.08	7.98	2.26	6.64	2.43	6.46	2.56	6.61	2.59	6.21	2.57
	24	15.39	1.88	9.92	2.13	7.67	2.30	6.69	2.45	6.97	2.56	7.28	2.60	6.64	2.58

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 3.2 + 3.2	16	16.34	1.59	11.44	1.96	9.08	2.18	7.53	2.37	6.91	2.47	6.68	2.45	6.01	2.34
	18	16.22	1.65	11.16	1.99	8.69	2.19	7.06	2.38	6.43	2.50	6.31	2.51	5.89	2.44
	20	16.10	1.71	10.88	2.02	8.30	2.21	6.58	2.39	5.95	2.53	5.94	2.57	5.77	2.54
	21	15.92	1.75	10.64	2.04	8.14	2.23	6.61	2.40	6.21	2.53	6.28	2.57	5.99	2.54
	22	15.75	1.79	10.40	2.07	7.98	2.24	6.64	2.41	6.46	2.53	6.61	2.57	6.21	2.55
	24	15.39	1.87	9.92	2.12	7.67	2.28	6.69	2.43	6.97	2.54	7.28	2.57	6.64	2.56

Total Q = Total Capacity (kW)

Input Power = Input Power (kW)

18. Service Data

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

18.1 Operation Characteristics (CU-2RE15SBE)

18.1.1 One Indoor Unit Operation

- Cooling Characteristic

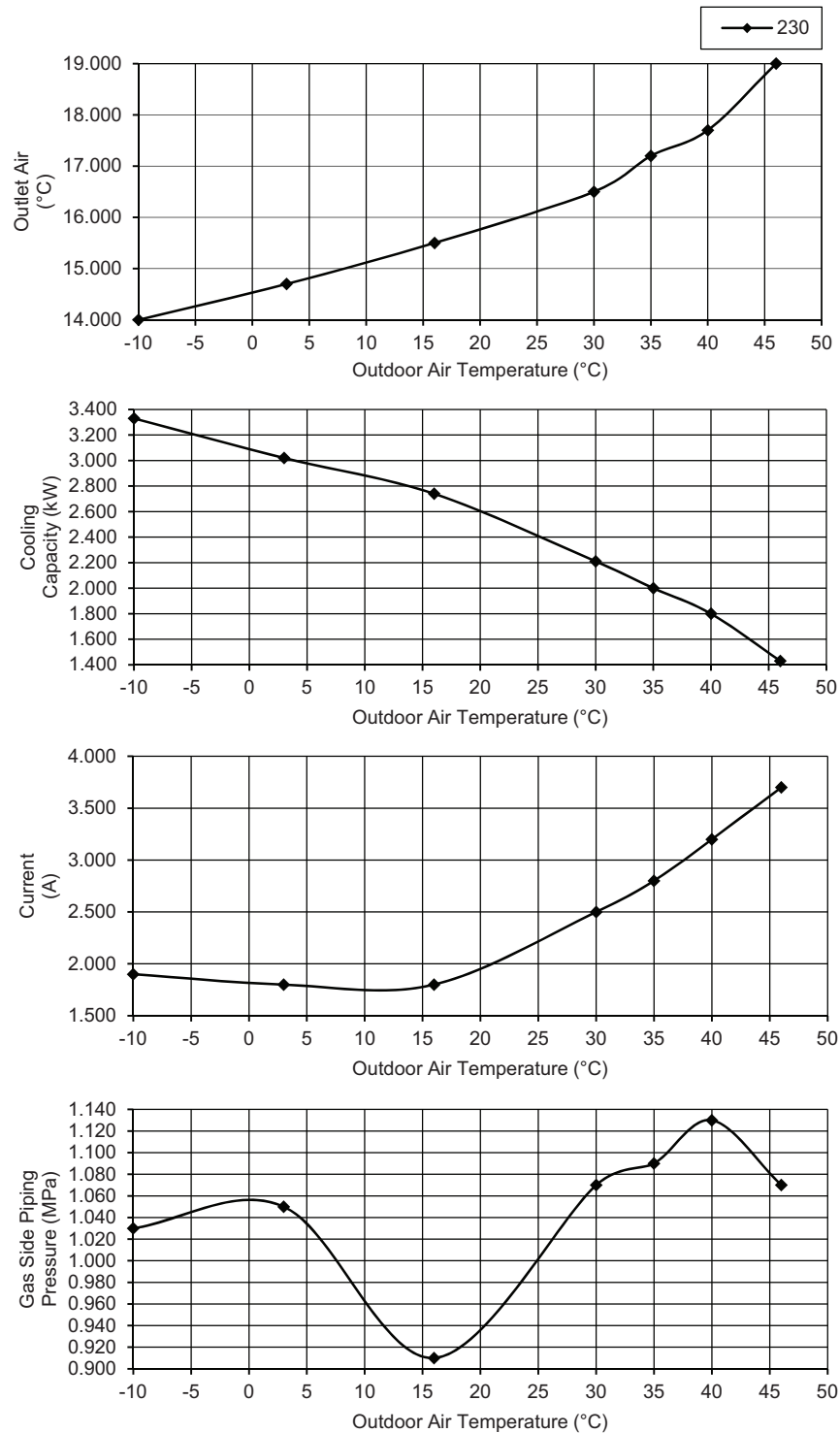
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

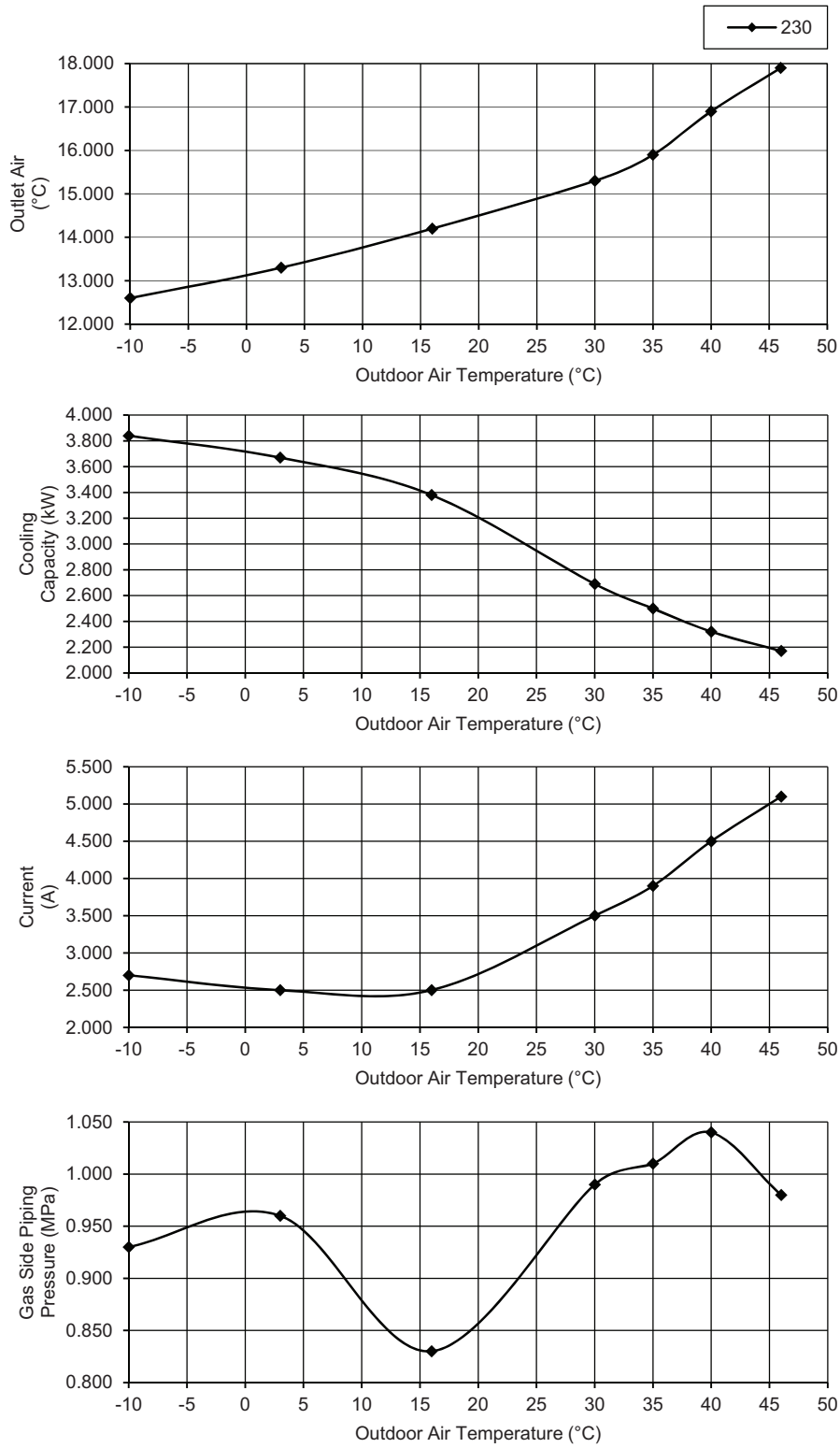
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0), CS-MRE7RKE



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5), CS-RE9RKEW



- Cooling Characteristic

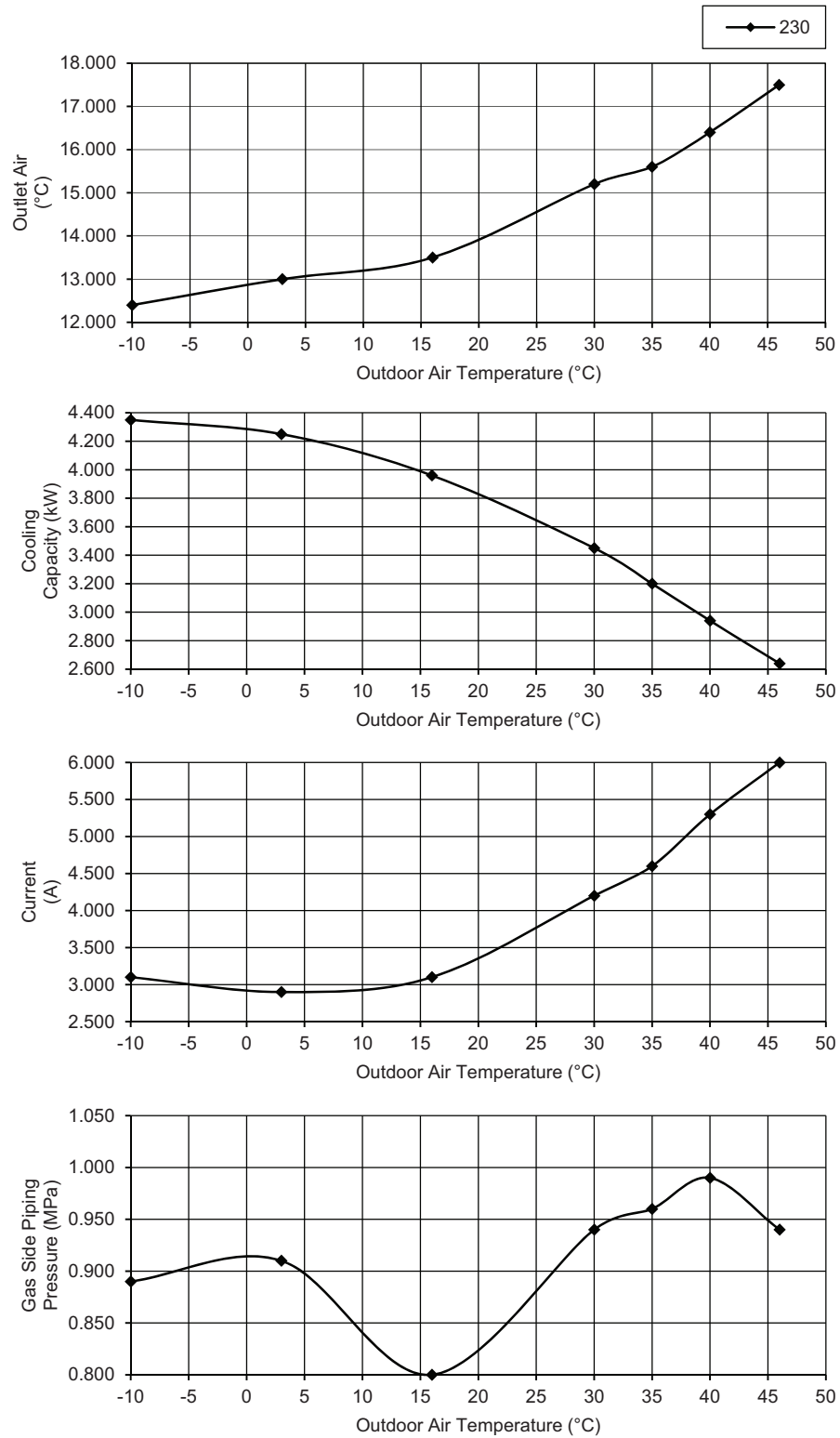
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

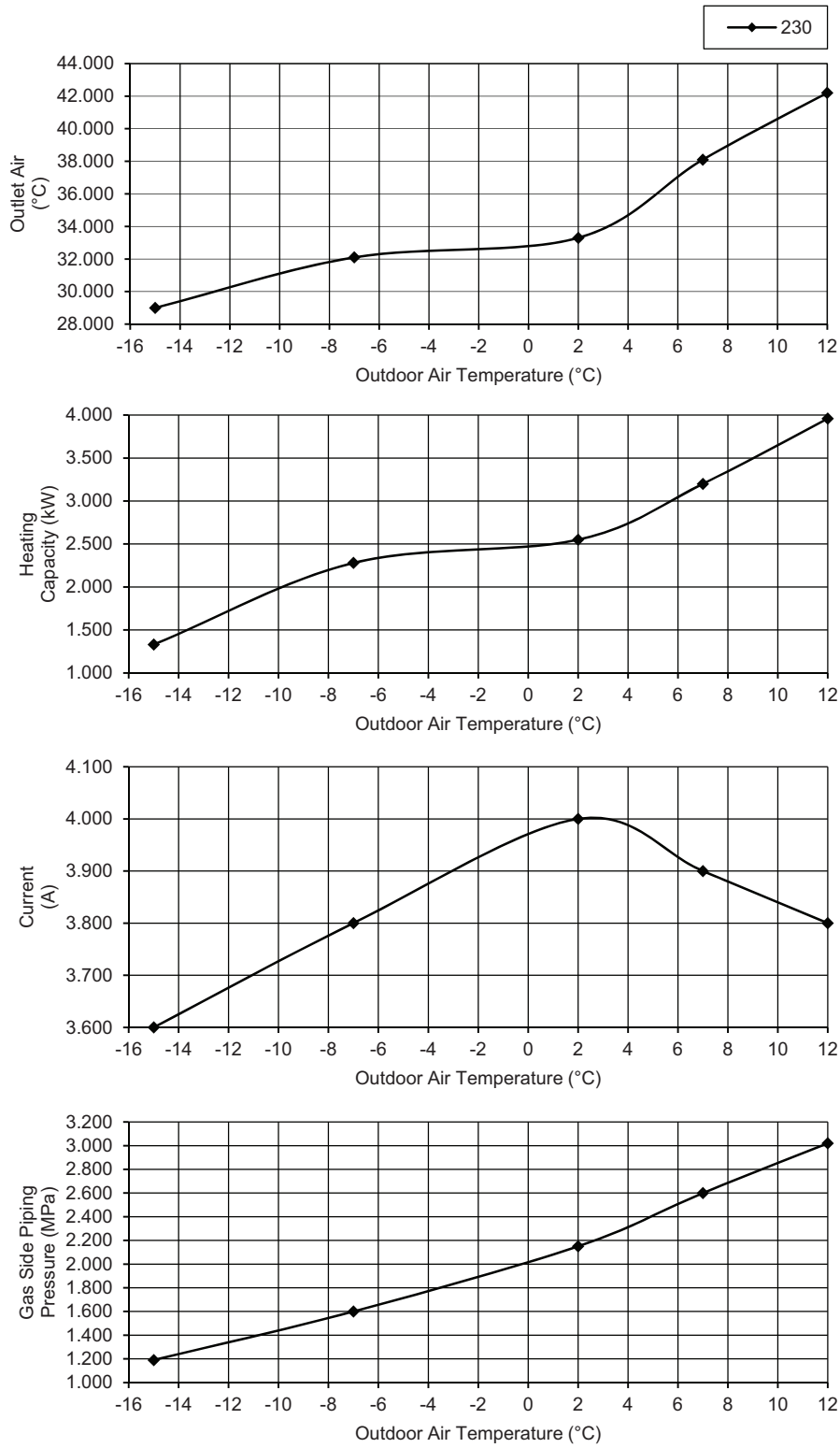
Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (3.2), CS-RE12RKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0), CS-MRE7RKE



- Heating Characteristic

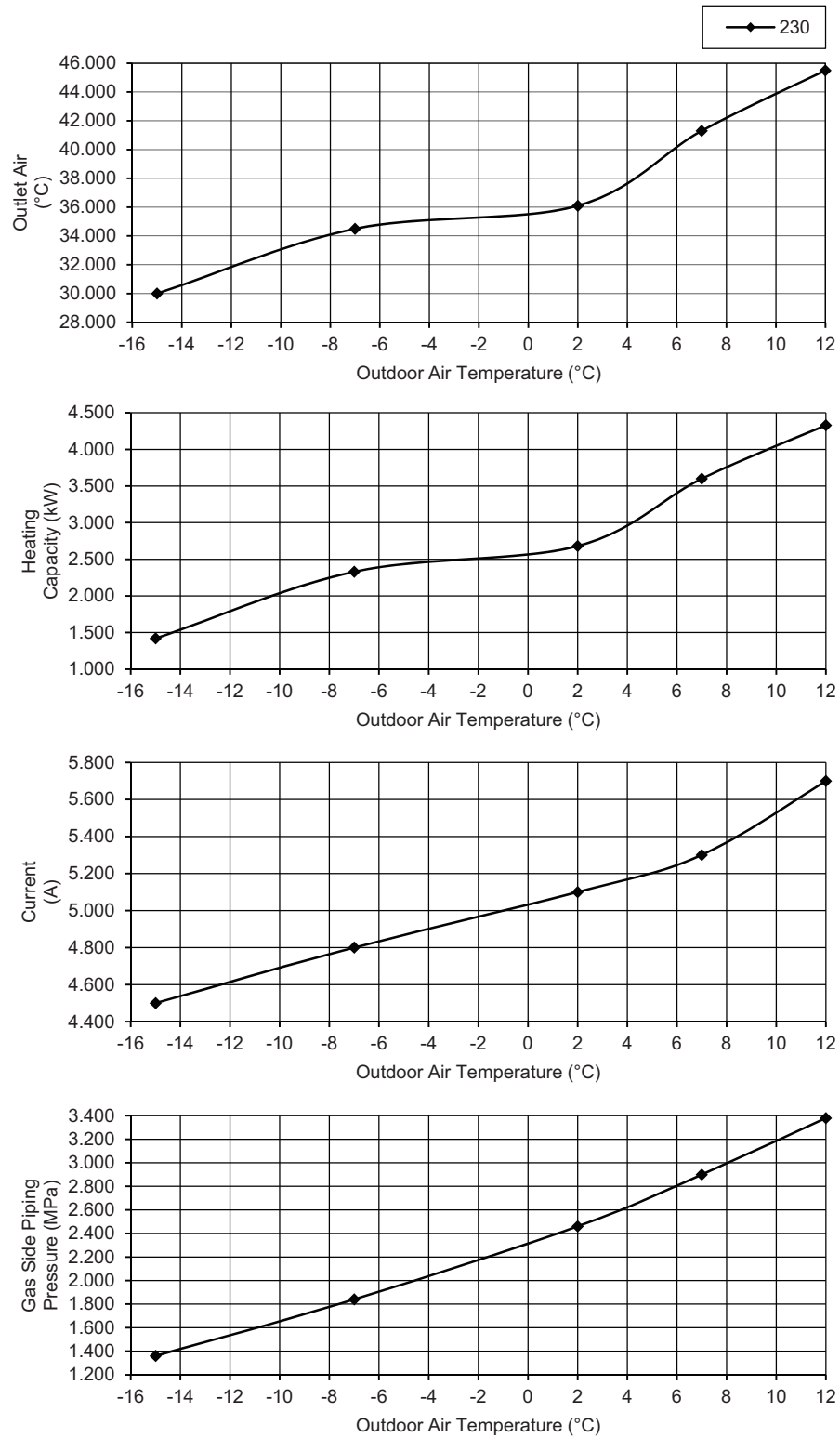
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5), CS-RE9RKEW



- Heating Characteristic

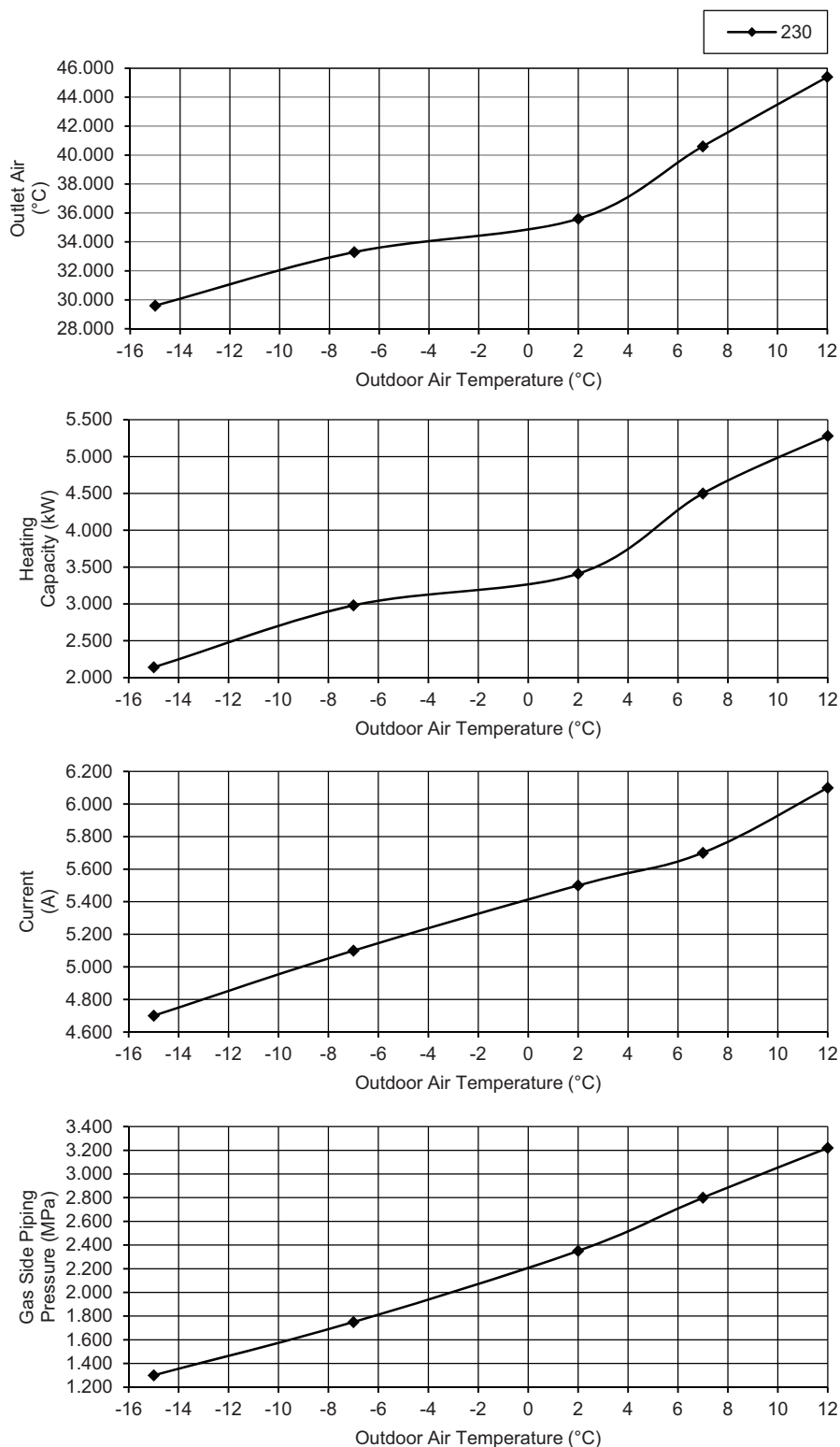
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (3.2), CS-RE12RKEW



18.1.2 Two Indoor Unit Operation

- Cooling Characteristic

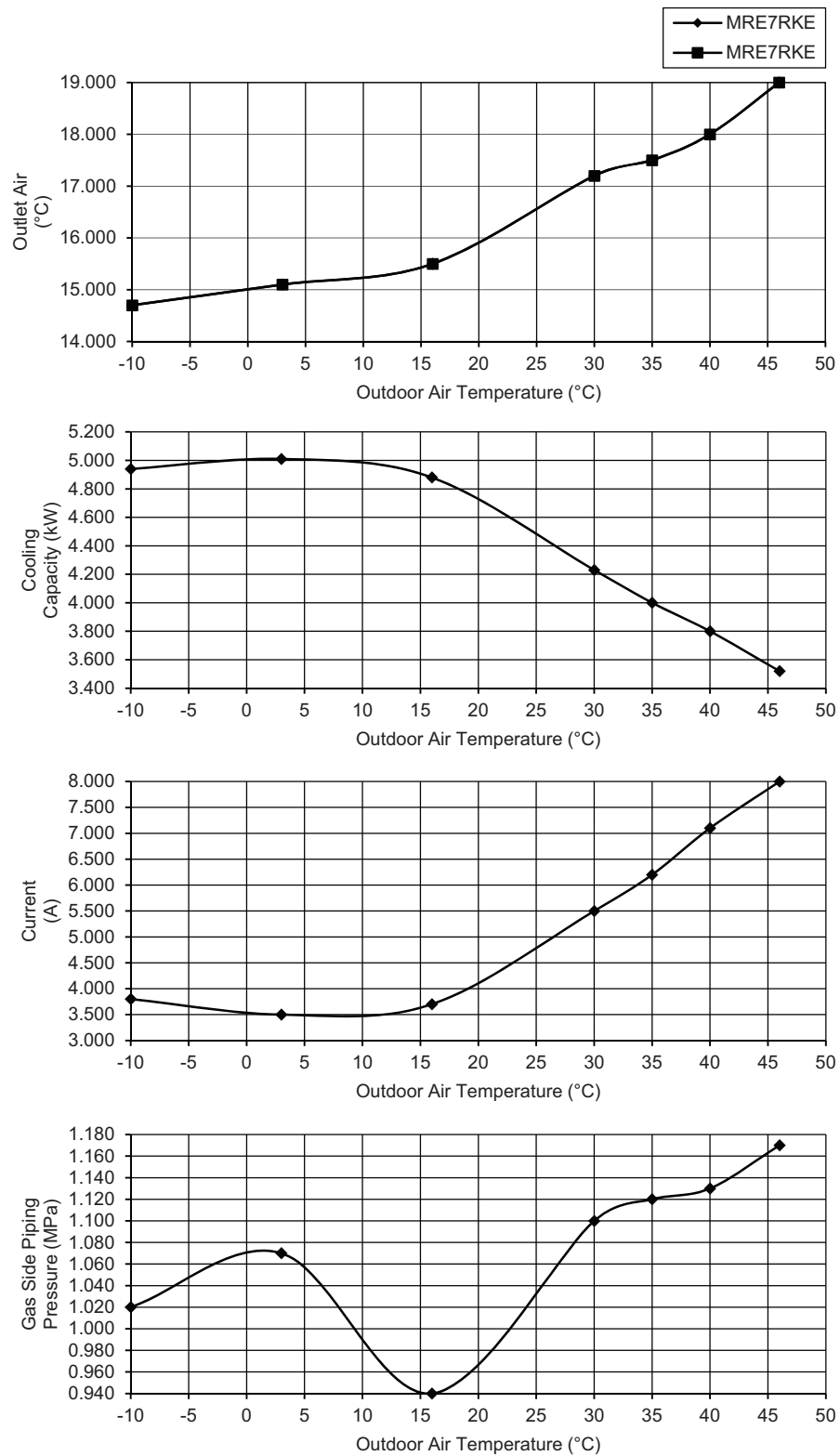
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

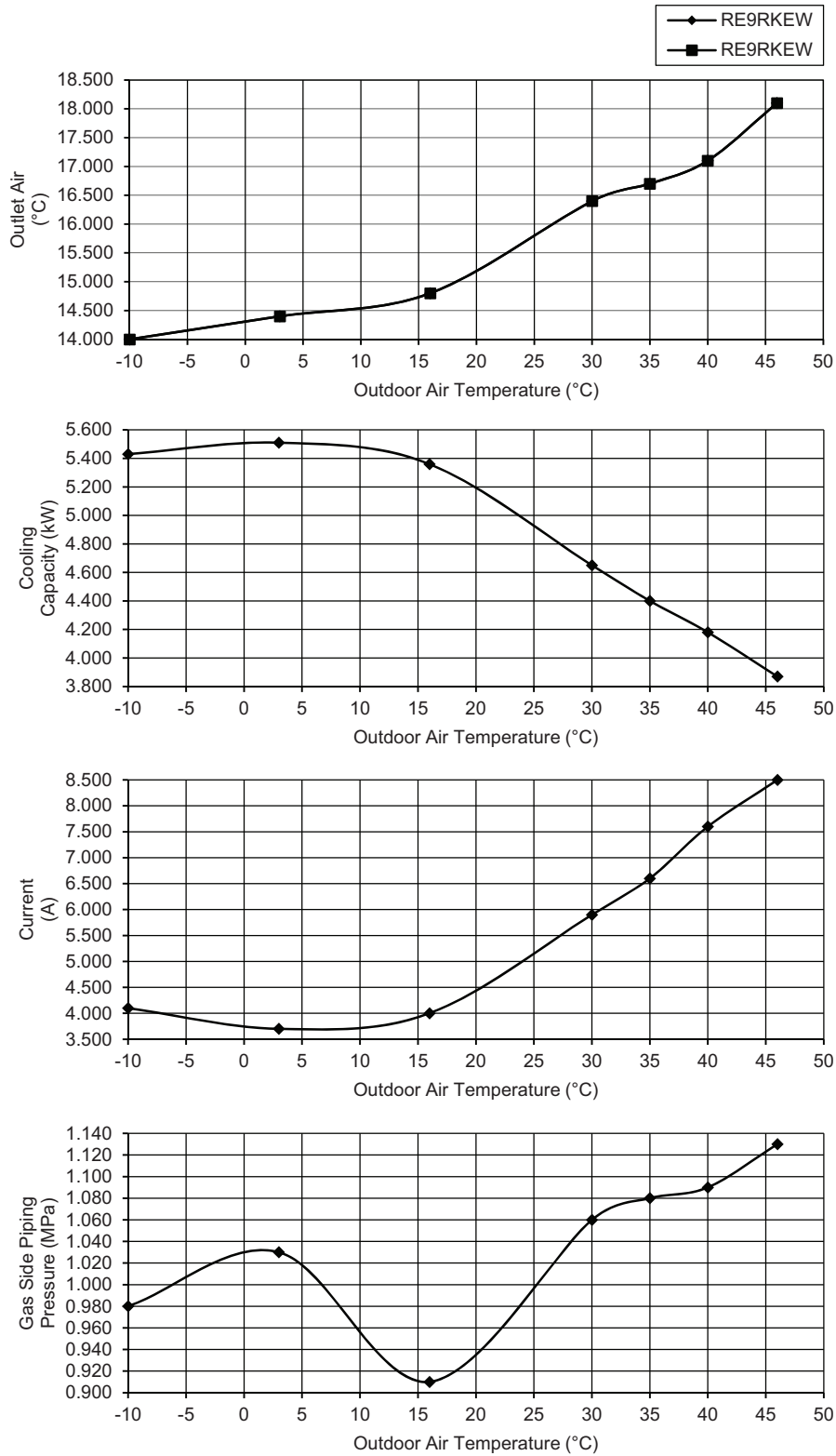
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0 + 2.0), CS-MRE7RKE + CS-MRE7RKE



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5 + 2.5), CS-RE9RKEW + CS-RE9RKEW



- Heating Characteristic

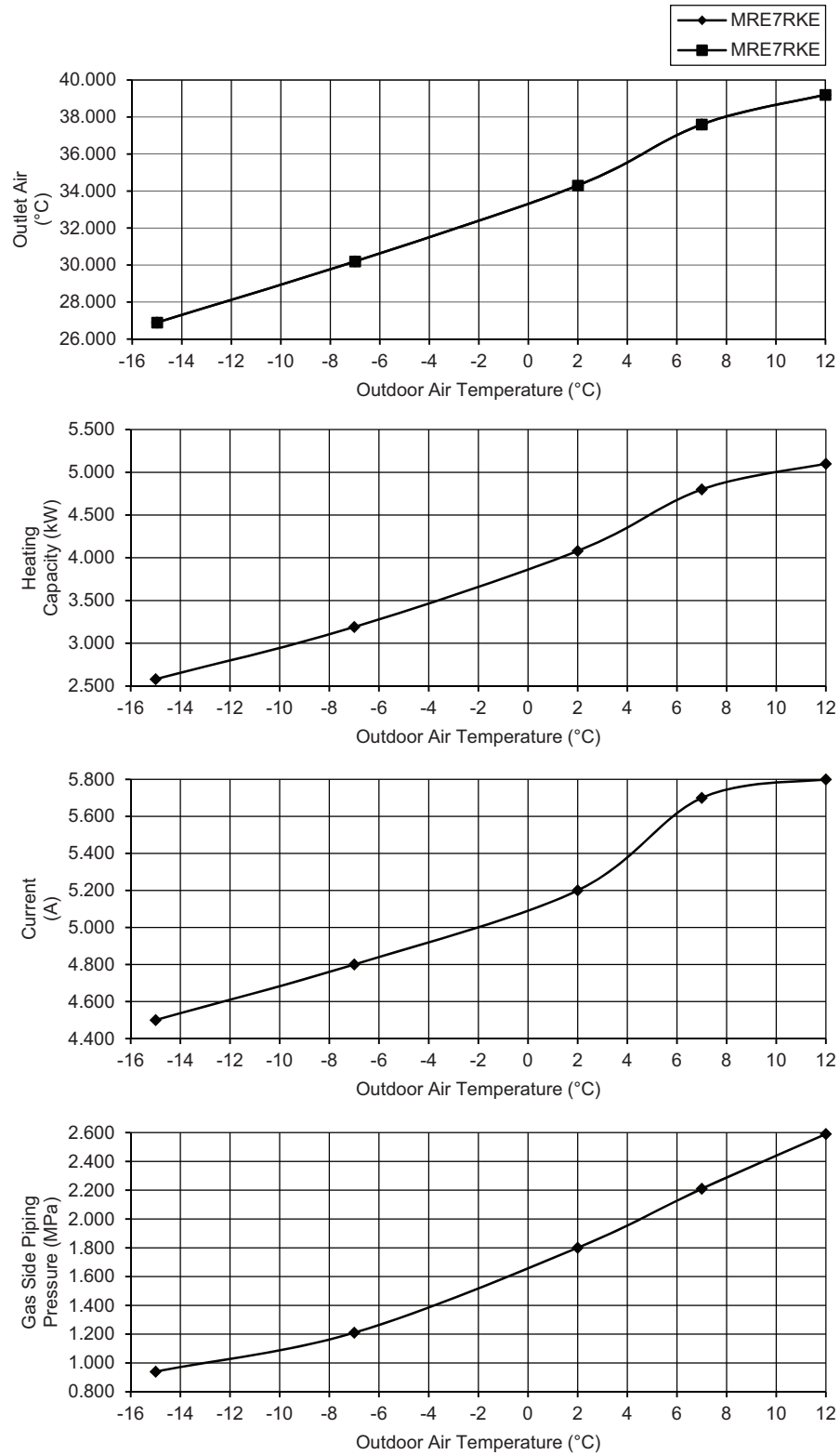
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

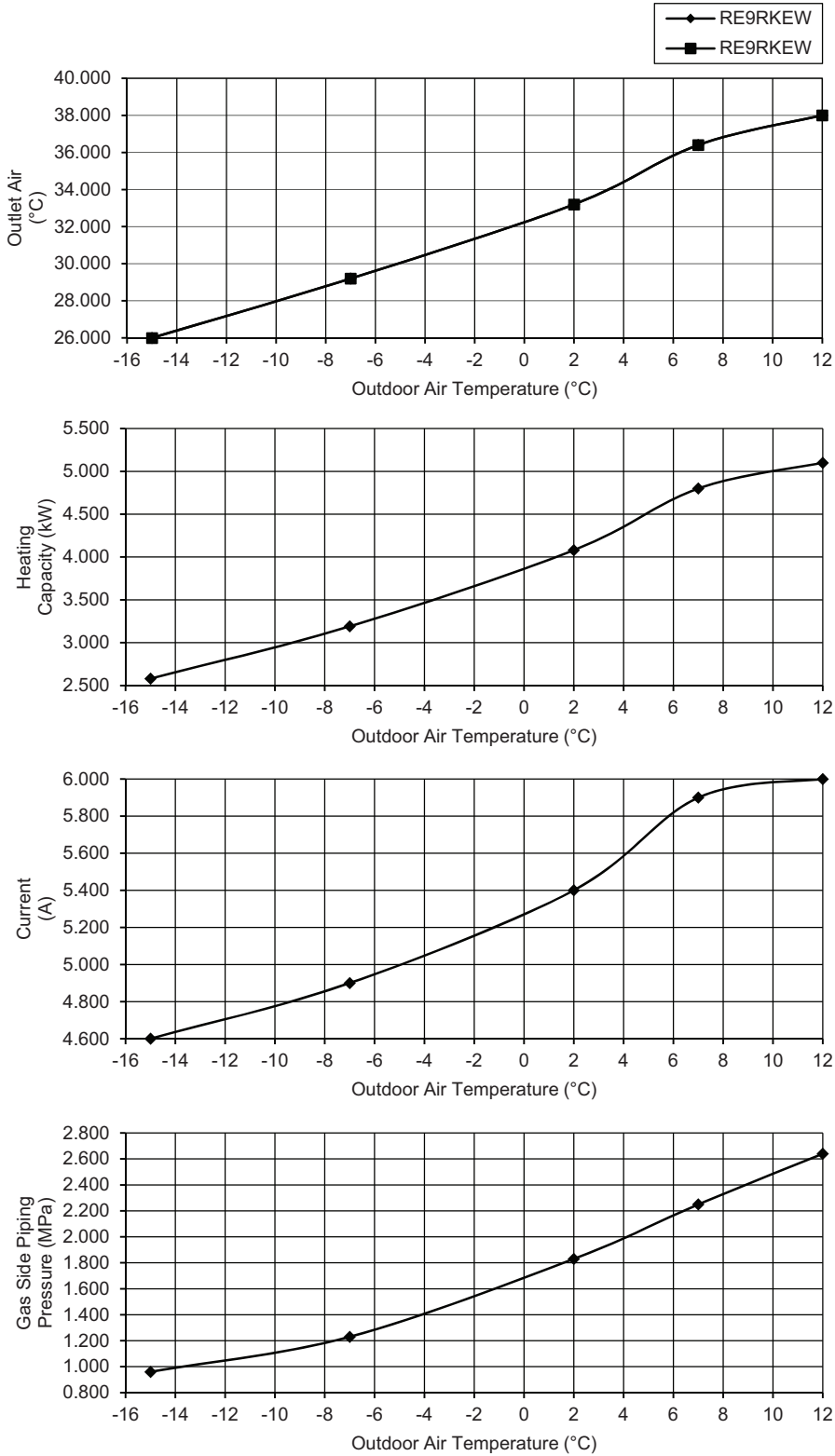
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0 + 2.0), CS-MRE7RKE + CS-MRE7RKE



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5 + 2.5), CS-RE9RKEW + CS-RE9RKEW



18.2 Operation Characteristics (CU-2RE18SBE)

18.2.1 One Indoor Unit Operation

- Cooling Characteristic

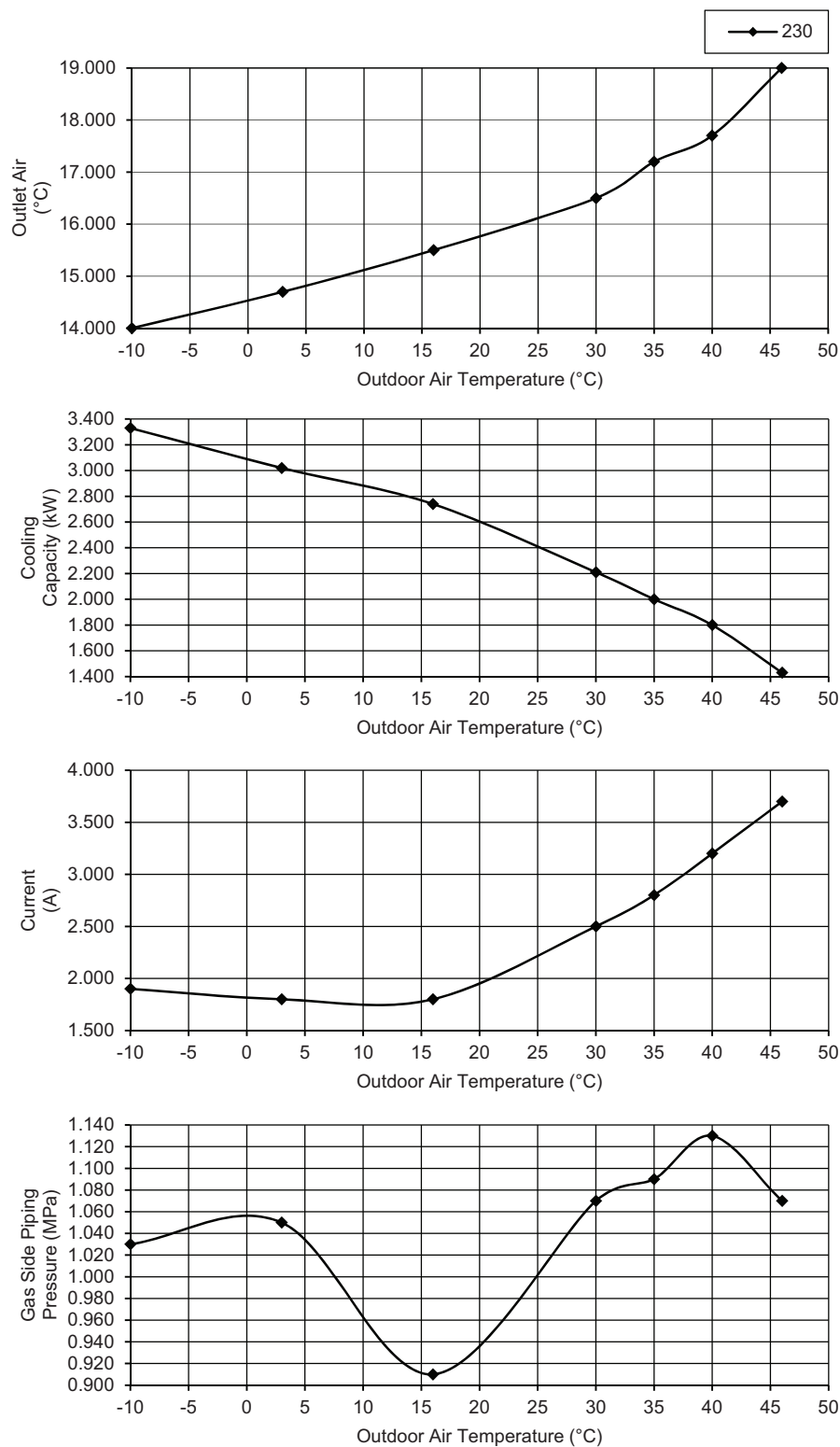
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

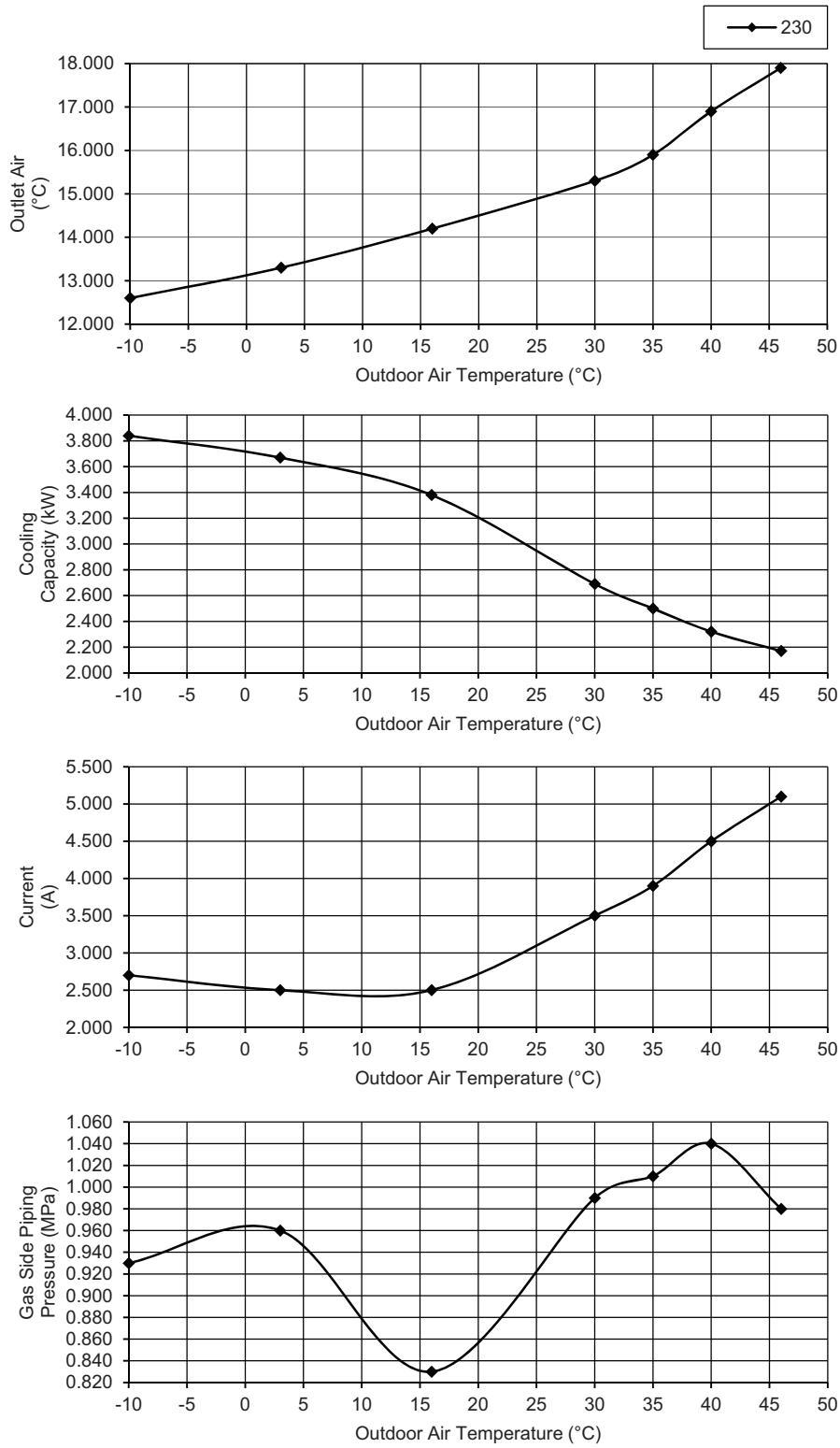
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0), CS-MRE7RKE



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5), CS-RE9RKEW



- Cooling Characteristic

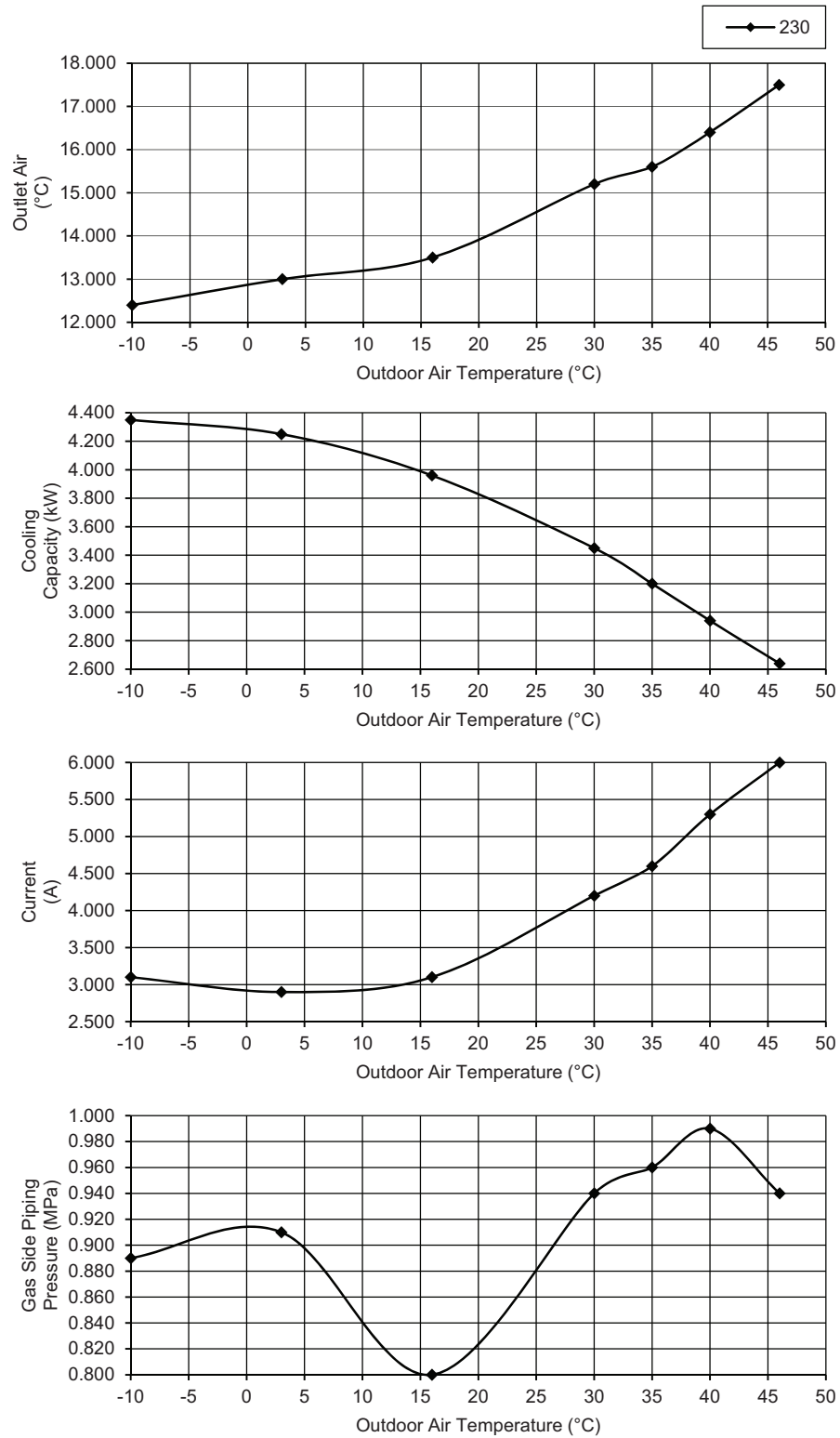
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

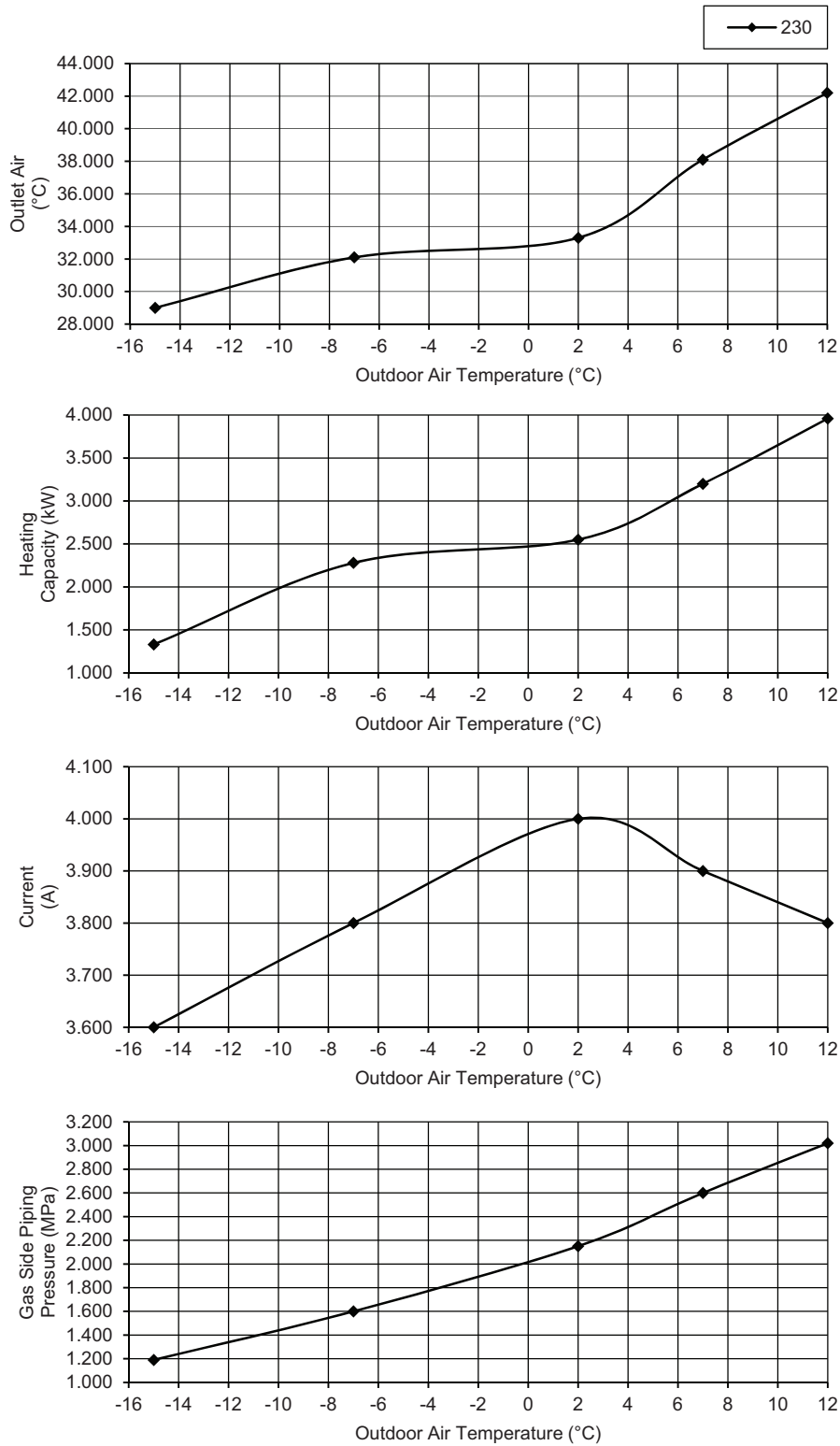
Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (3.2), CS-E12RKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0), CS-MRE7RKE



7°C & 12°C (Outdoor Air Temp.) = Heating Overload Protection activated

- Heating Characteristic

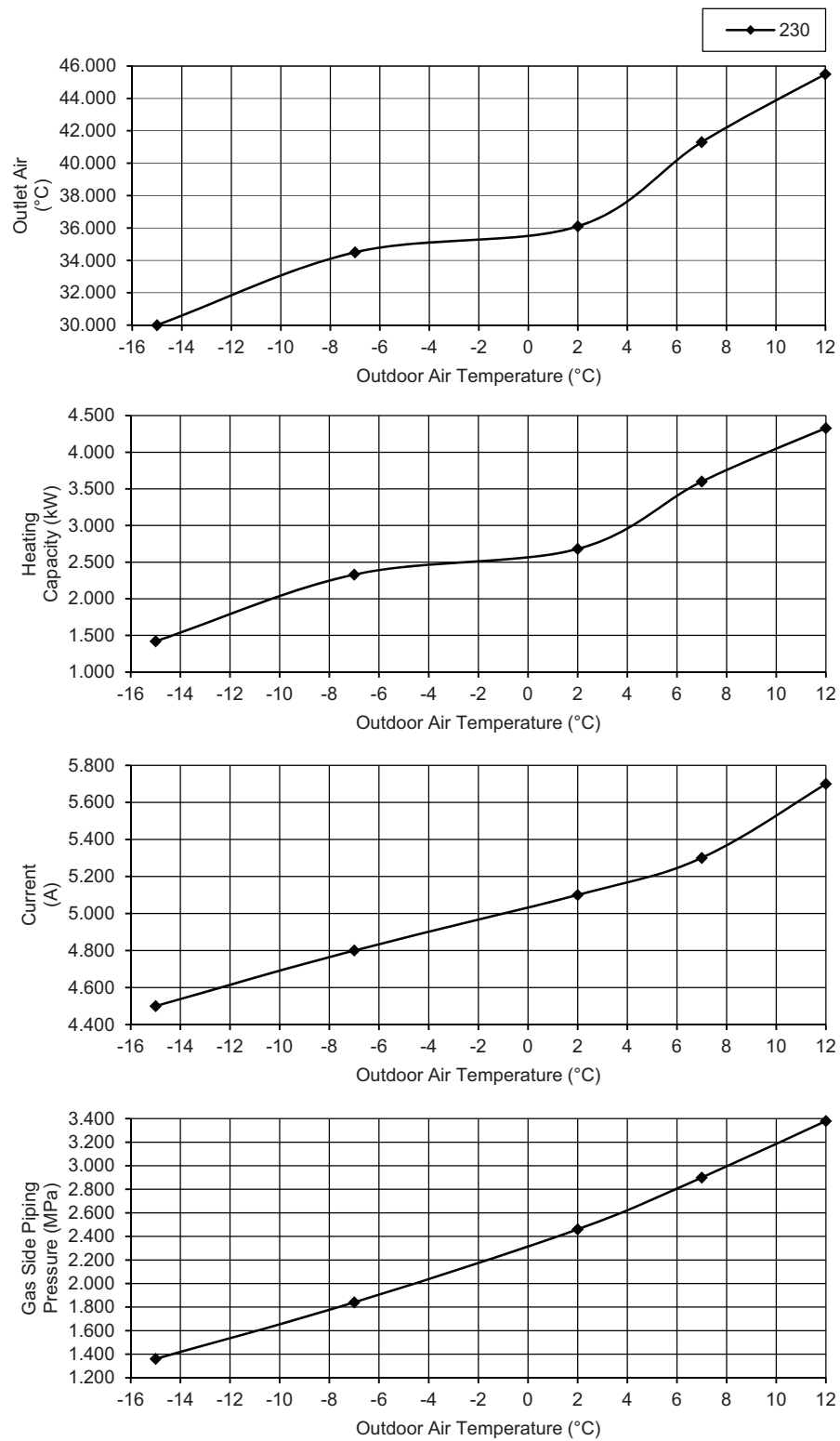
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5), CS-RE9RKEW



- Heating Characteristic

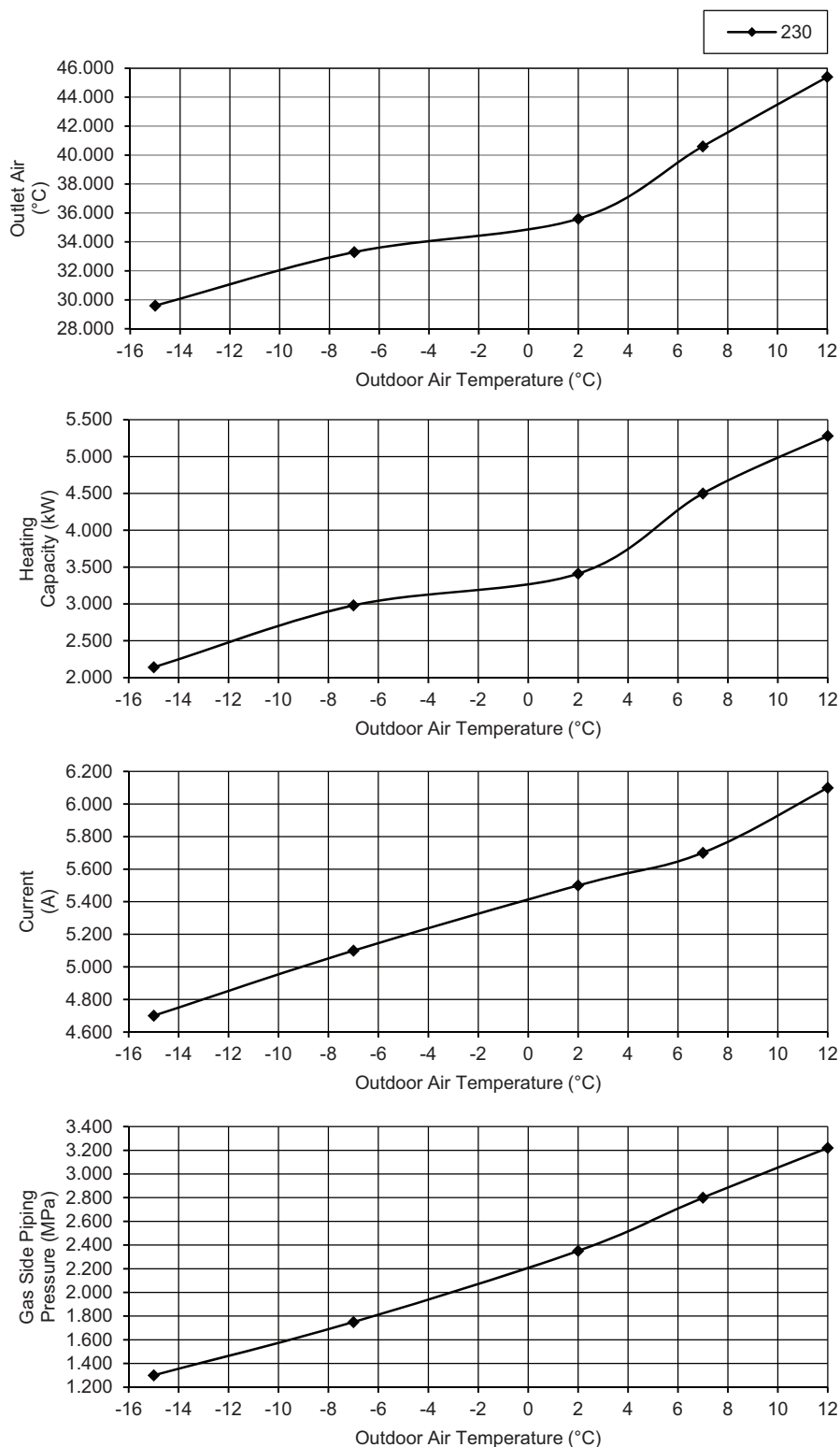
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (3.2), CS-RE12RKEW



18.2.2 Two Indoor Unit Operation

- Cooling Characteristic

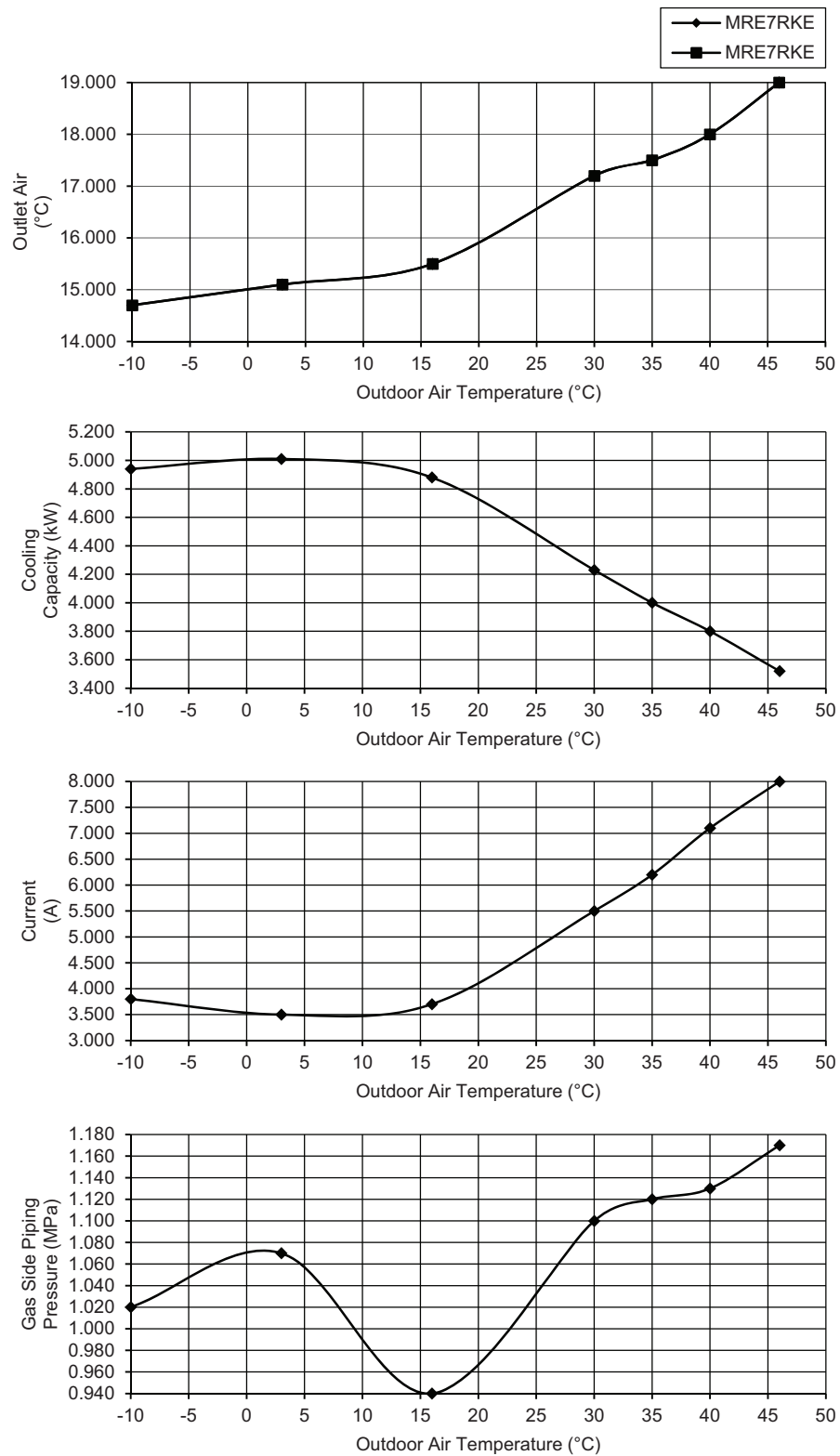
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

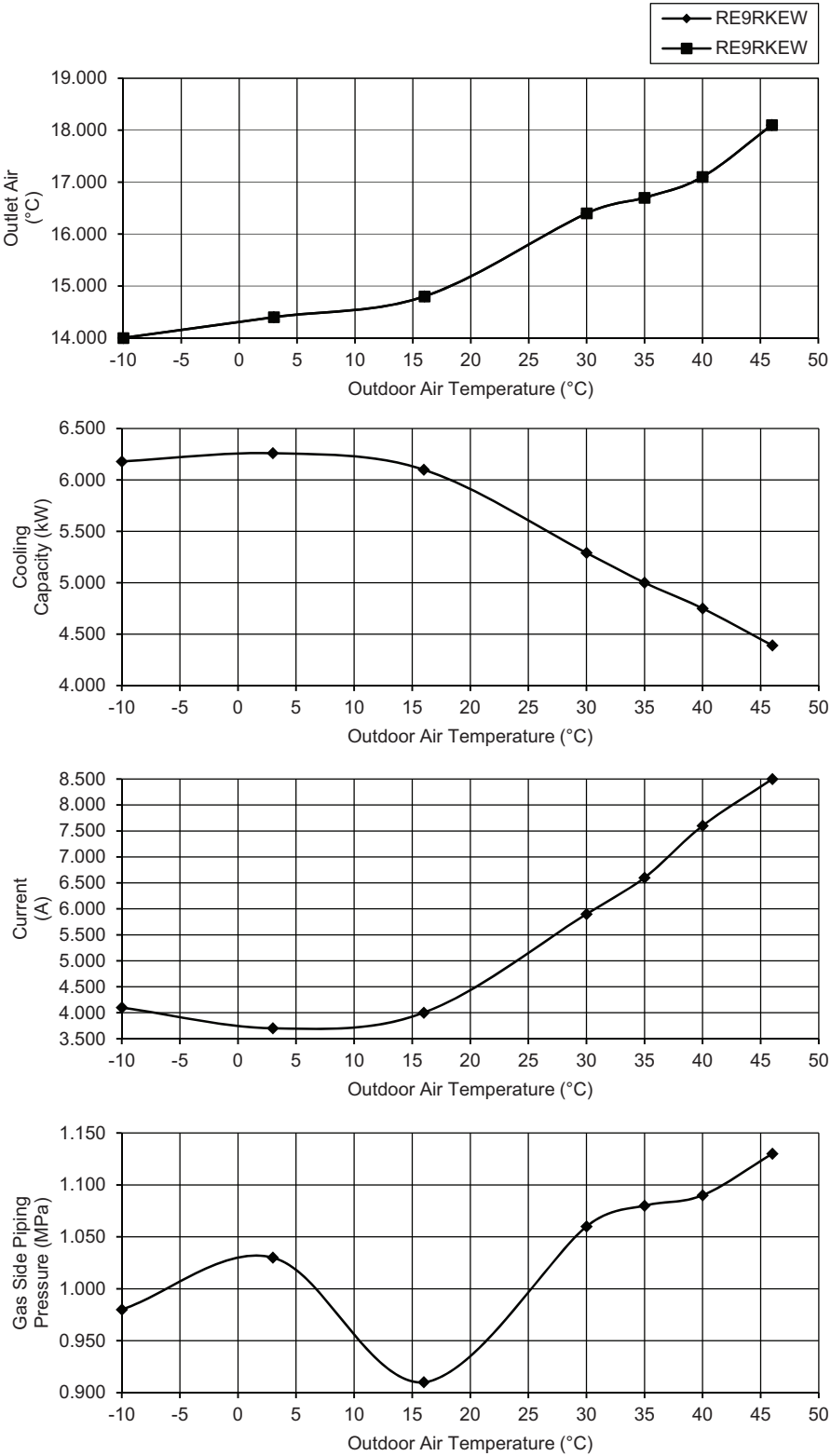
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0 + 2.0), CS-MRE7RKE + CS-MRE7RKE



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5 + 2.5), CS-RE9RKEW + CS-RE9RKEW



- Cooling Characteristic

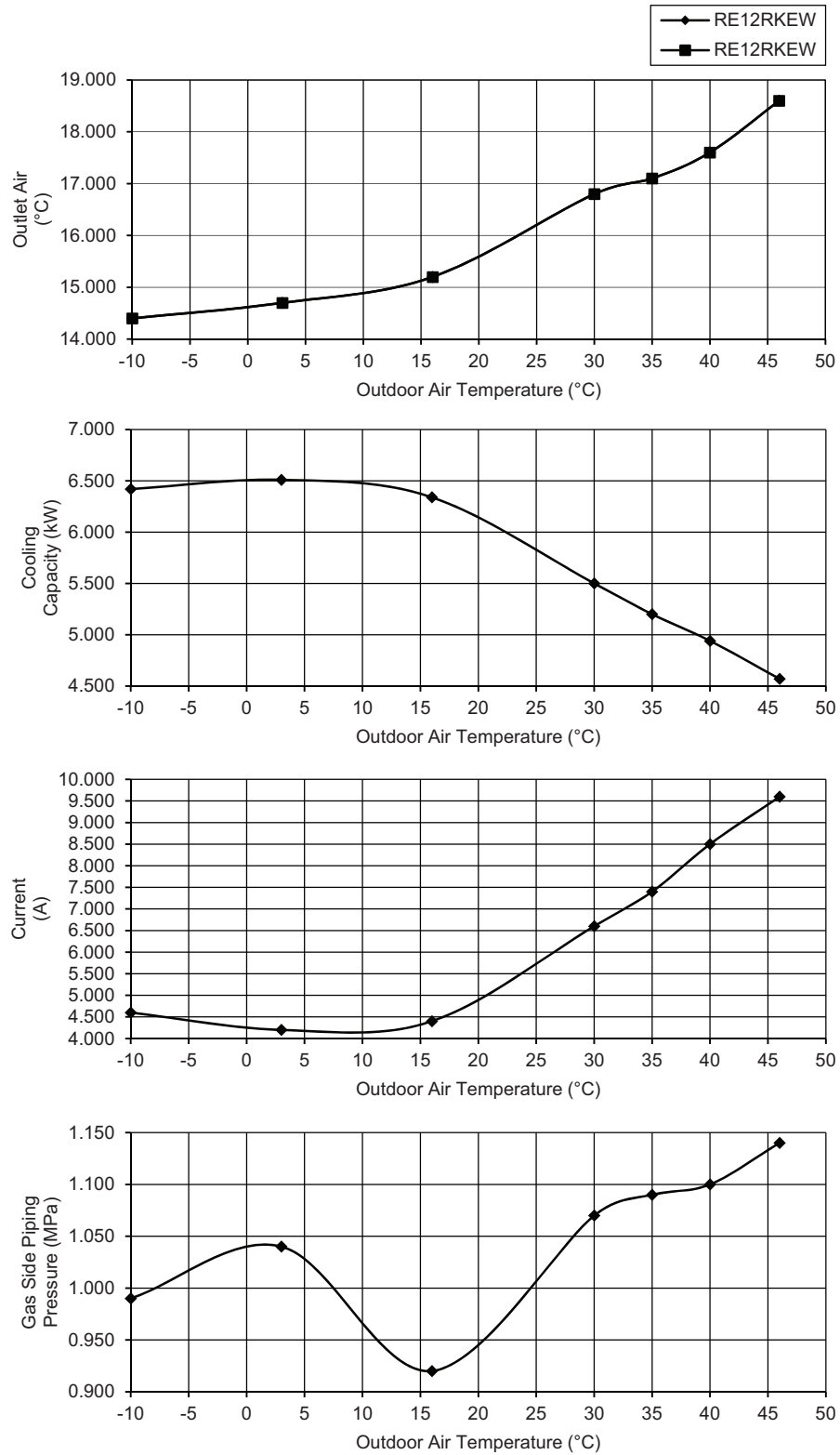
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (3.2 + 3.2), CS-RE12RKEW + CS-RE12RKEW



- Heating Characteristic

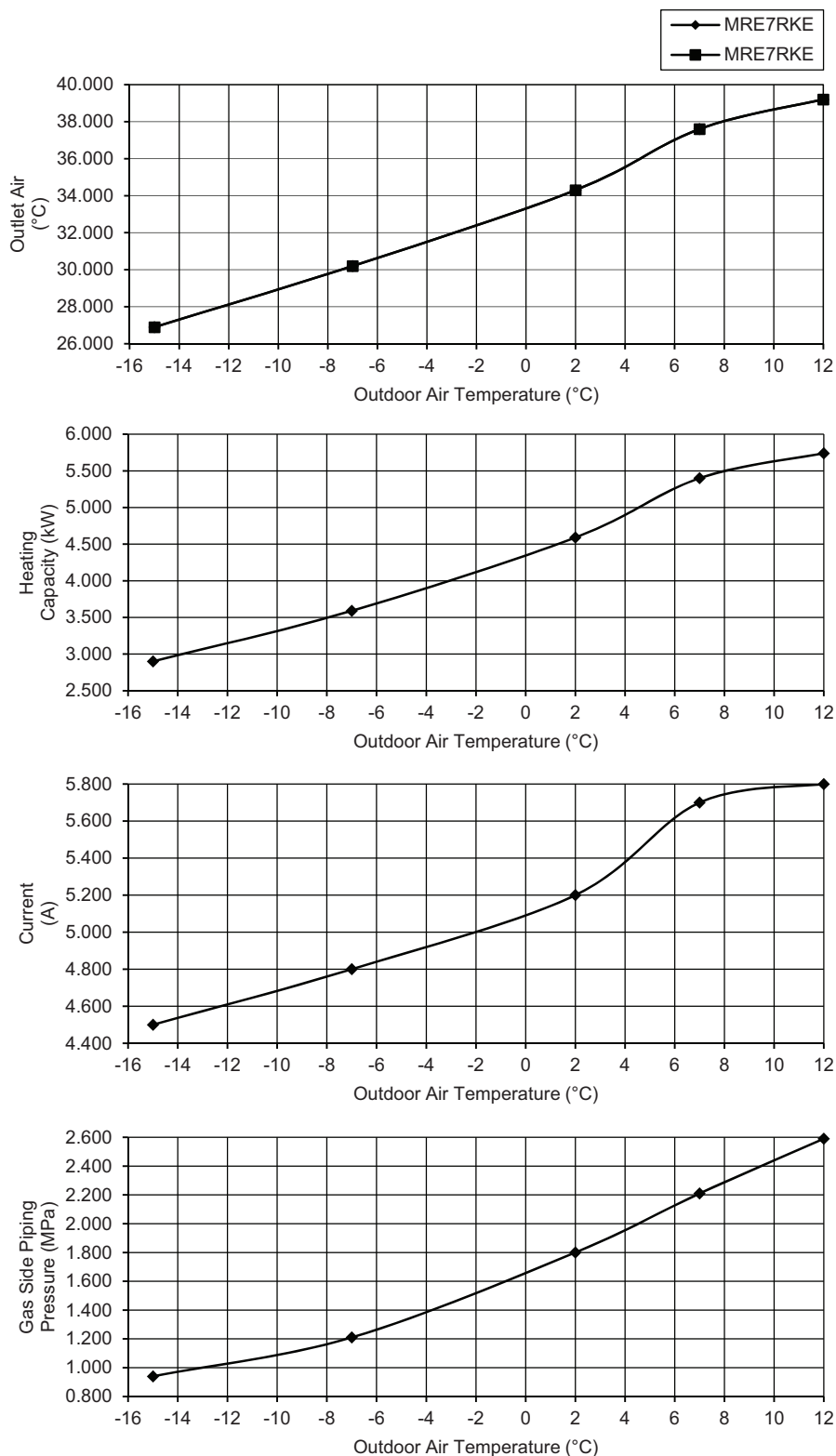
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0 + 2.0), CS-MRE7RKE + CS-MRE7RKE



- Heating Characteristic

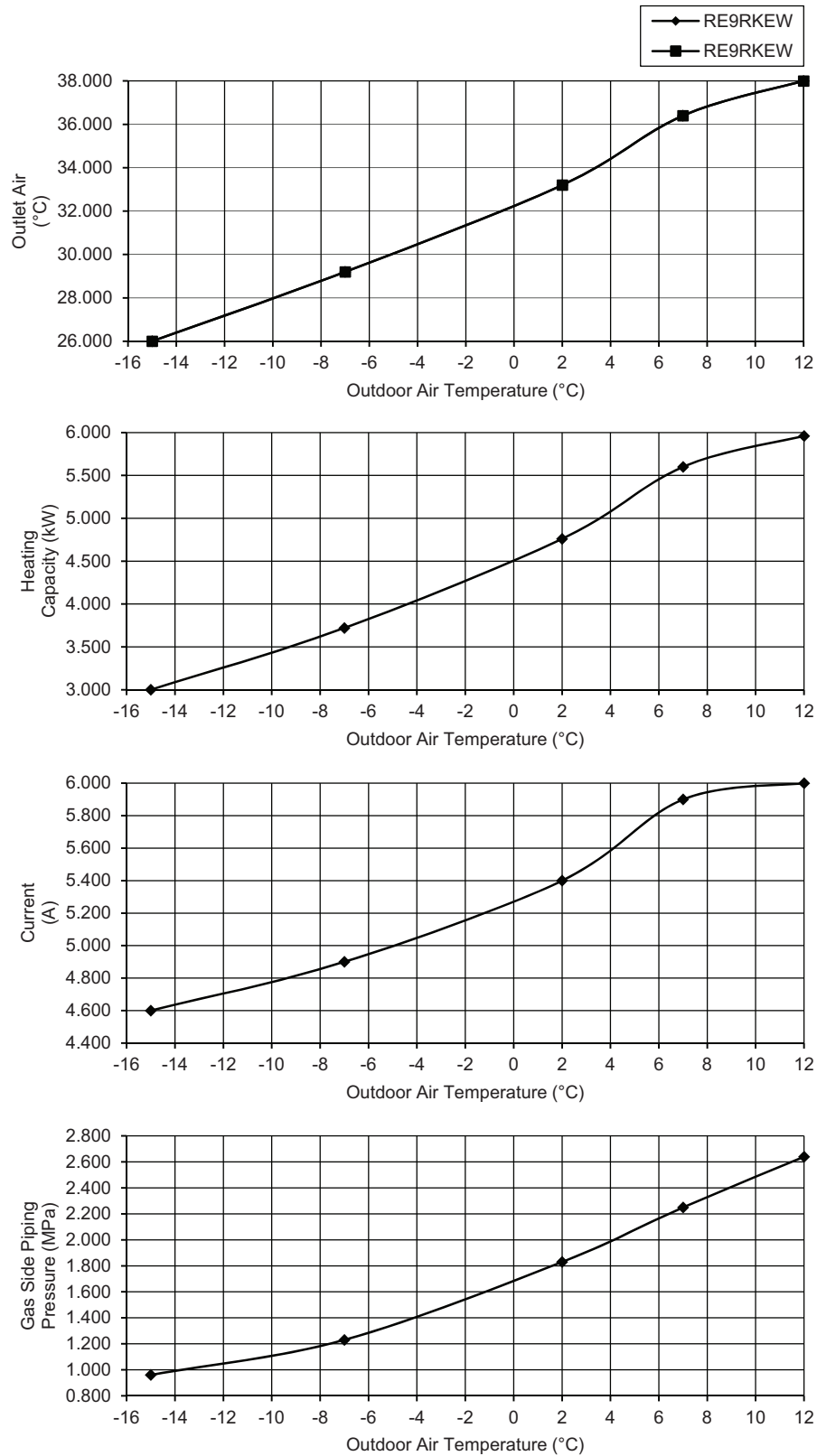
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5 + 2.5), CS-RE9RKEW + CS-RE9RKEW



- Heating Characteristic

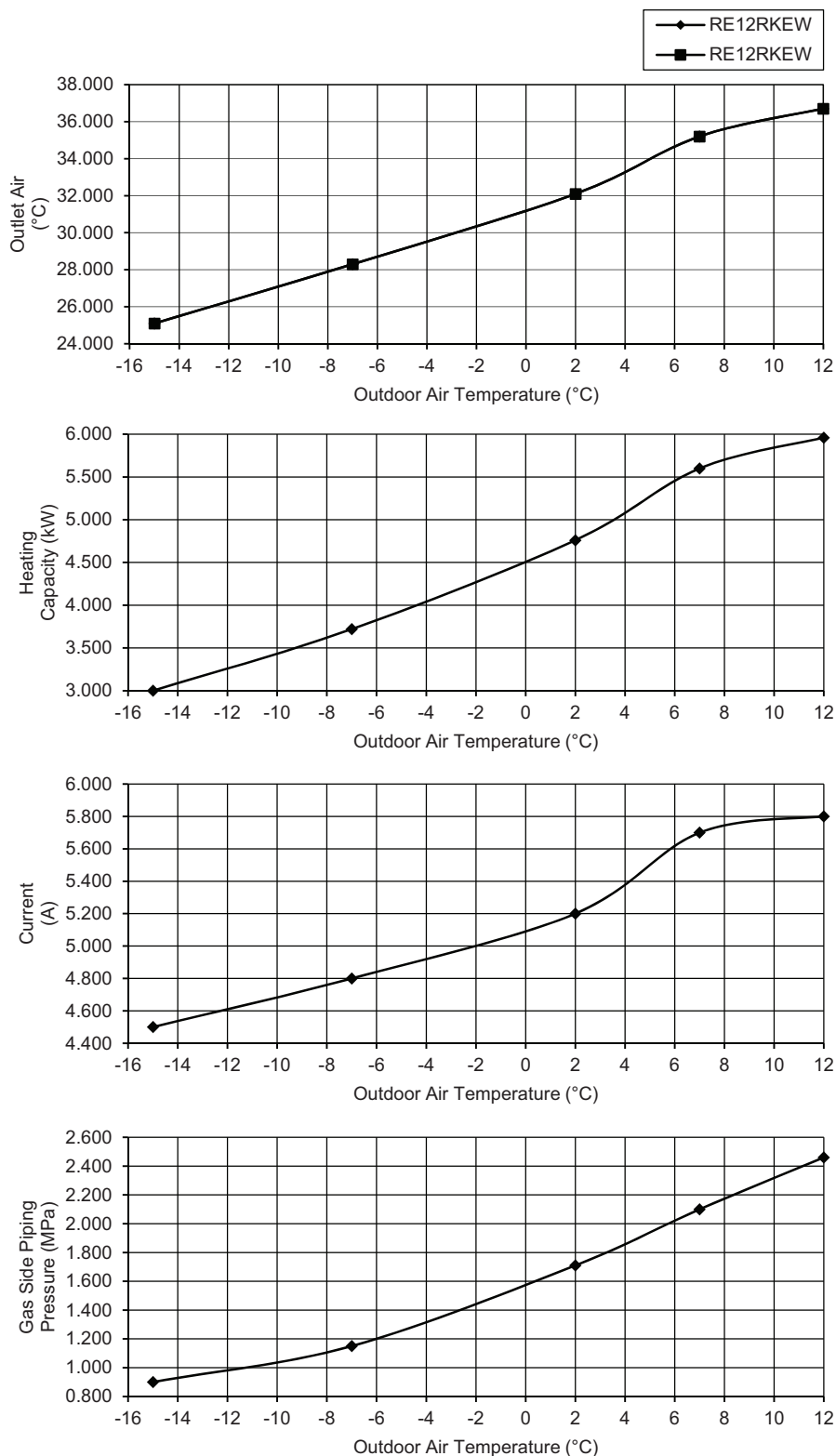
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (3.2 + 3.2), CS-RE12RKEW + CS-RE12RKEW



18.3 Operation Characteristics (CU-3RE18SBE)

18.3.1 One Indoor Unit Operation

- Cooling Characteristic

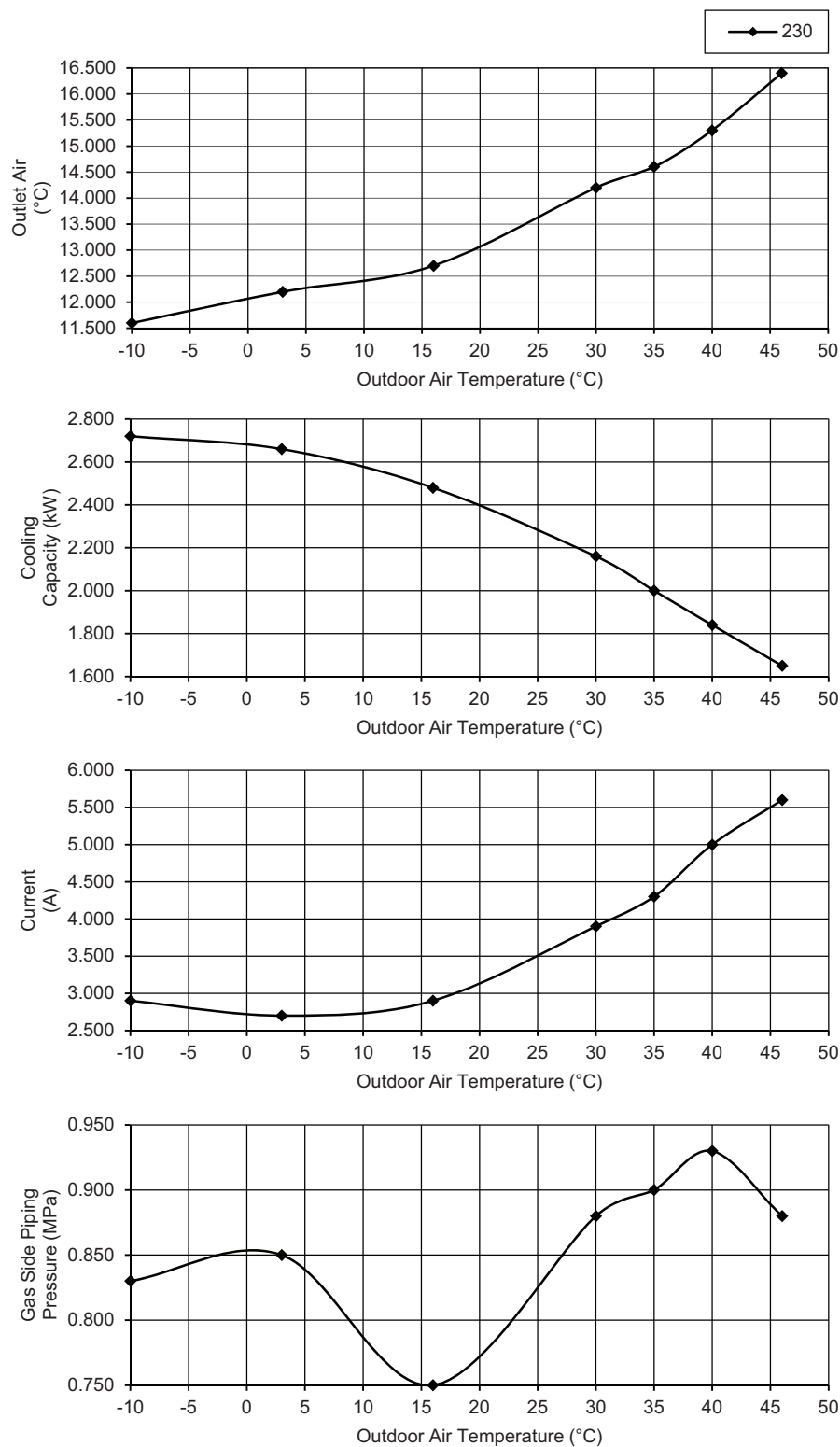
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

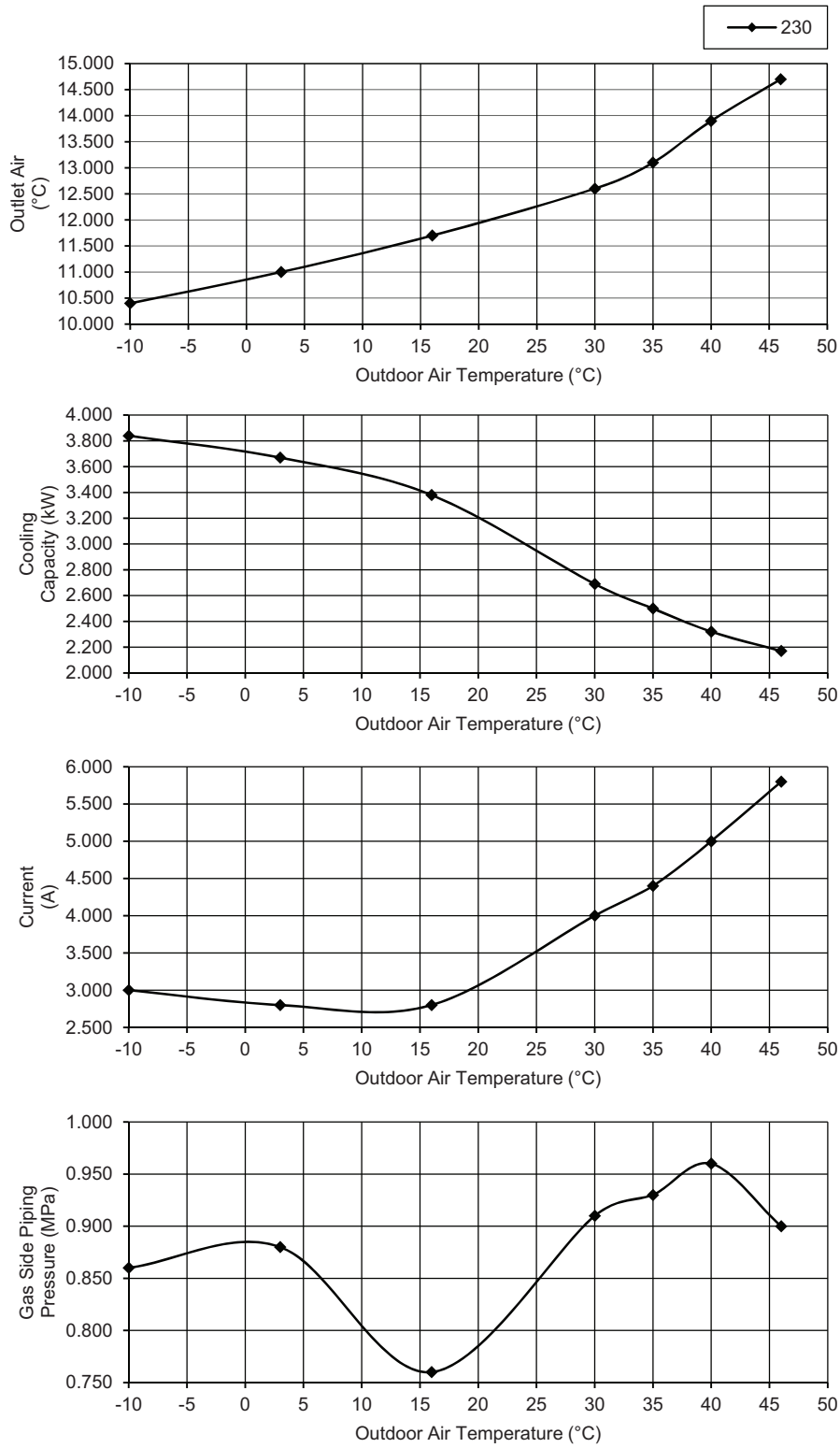
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0), CS-MRE7RKE



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5), CS-RE9RKEW



- Cooling Characteristic

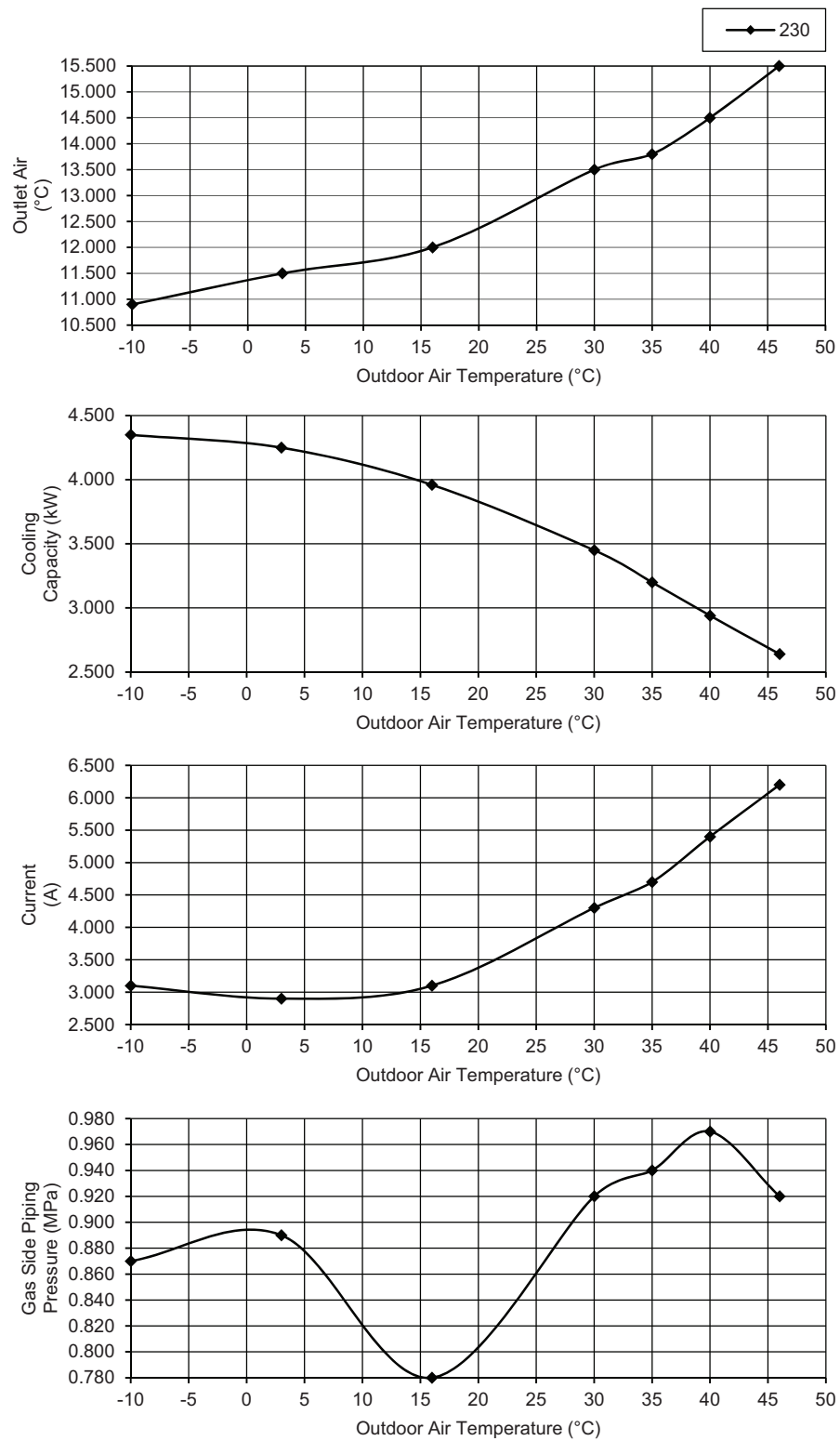
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

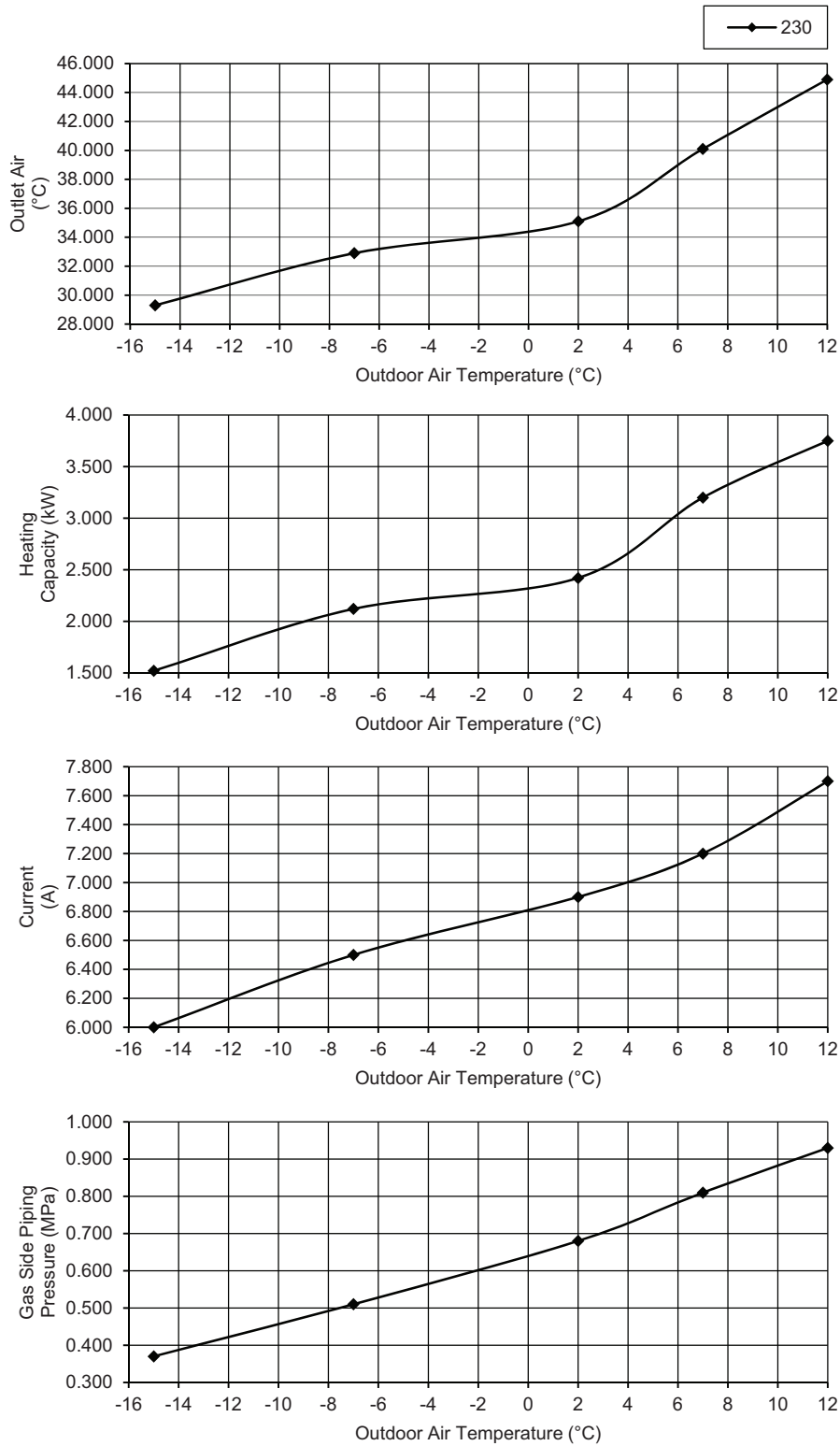
Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (3.2), CS-RE15RKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0), CS-MRE7RKE



- Heating Characteristic

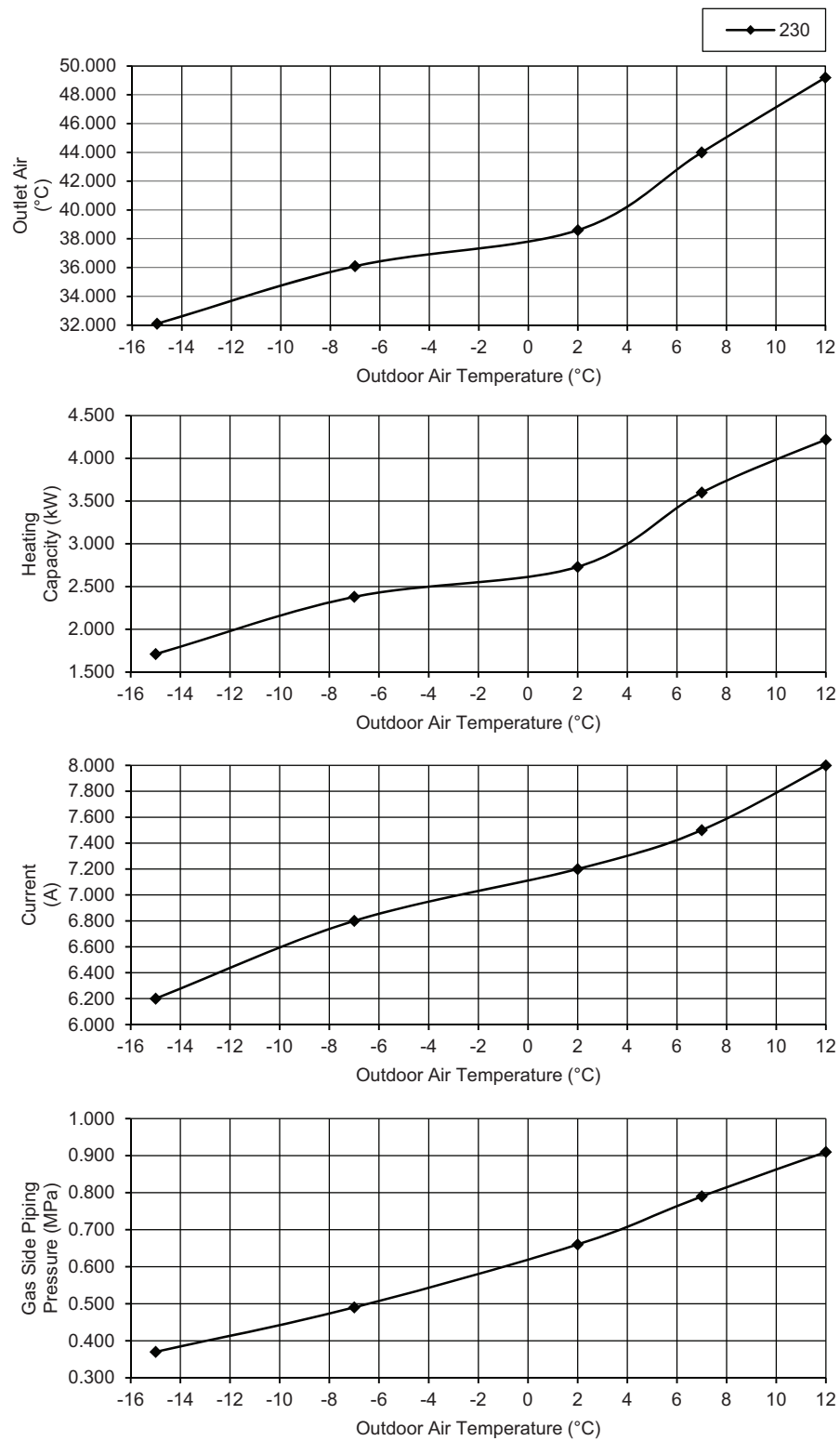
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

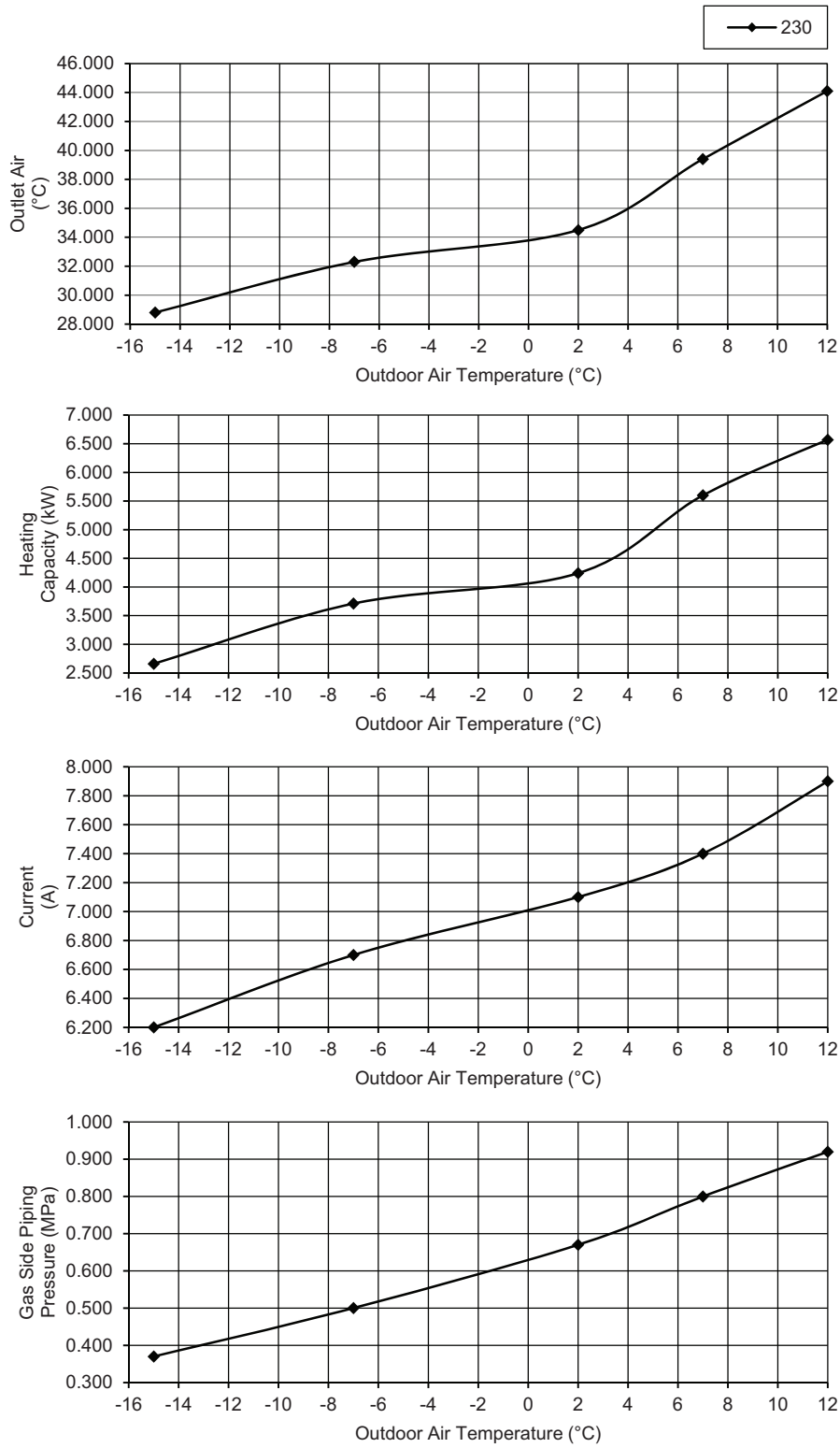
Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5), CS-RE9RKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (3.2), CS-RE15RKEW



18.3.2 Two Indoor Unit Operation

- Cooling Characteristic

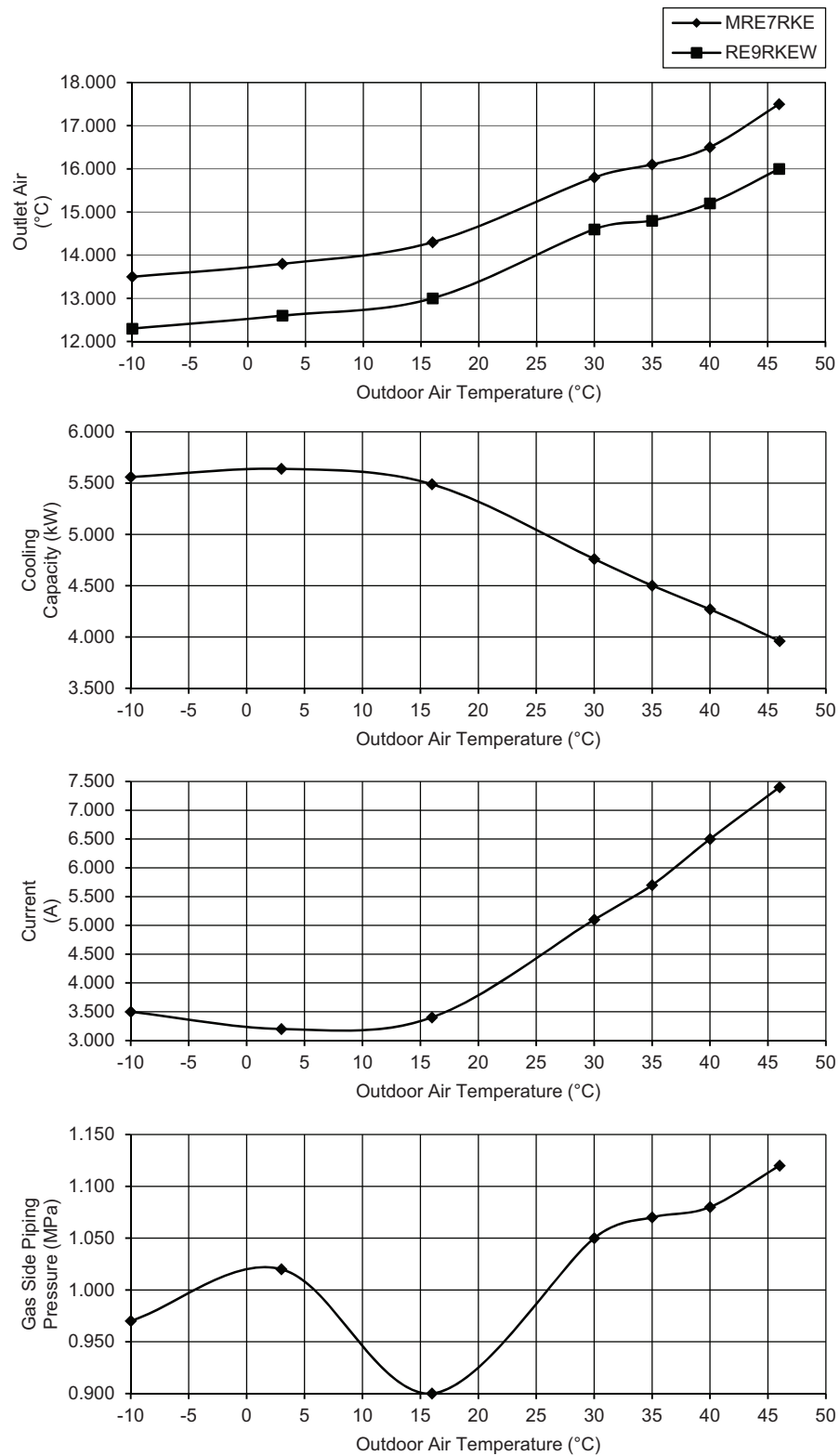
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

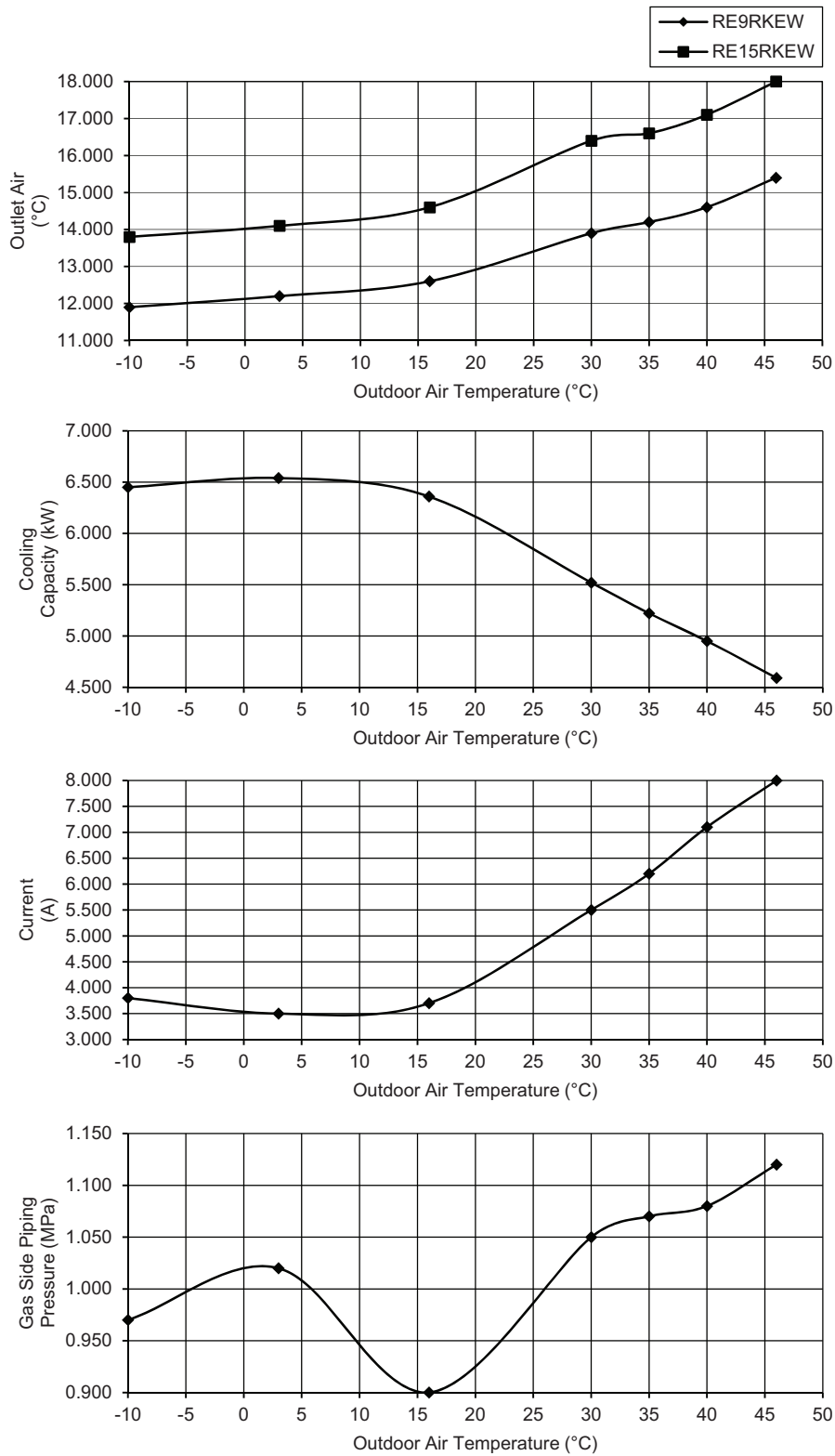
A) Indoor unit capacity: Cooling (2.0 + 2.5), CS-MRE7RKE + CS-RE9RKEW



• Cooling Characteristic

[Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5 + 4.0), CS-RE9RKEW + CS-RE15RKEW



- Heating Characteristic

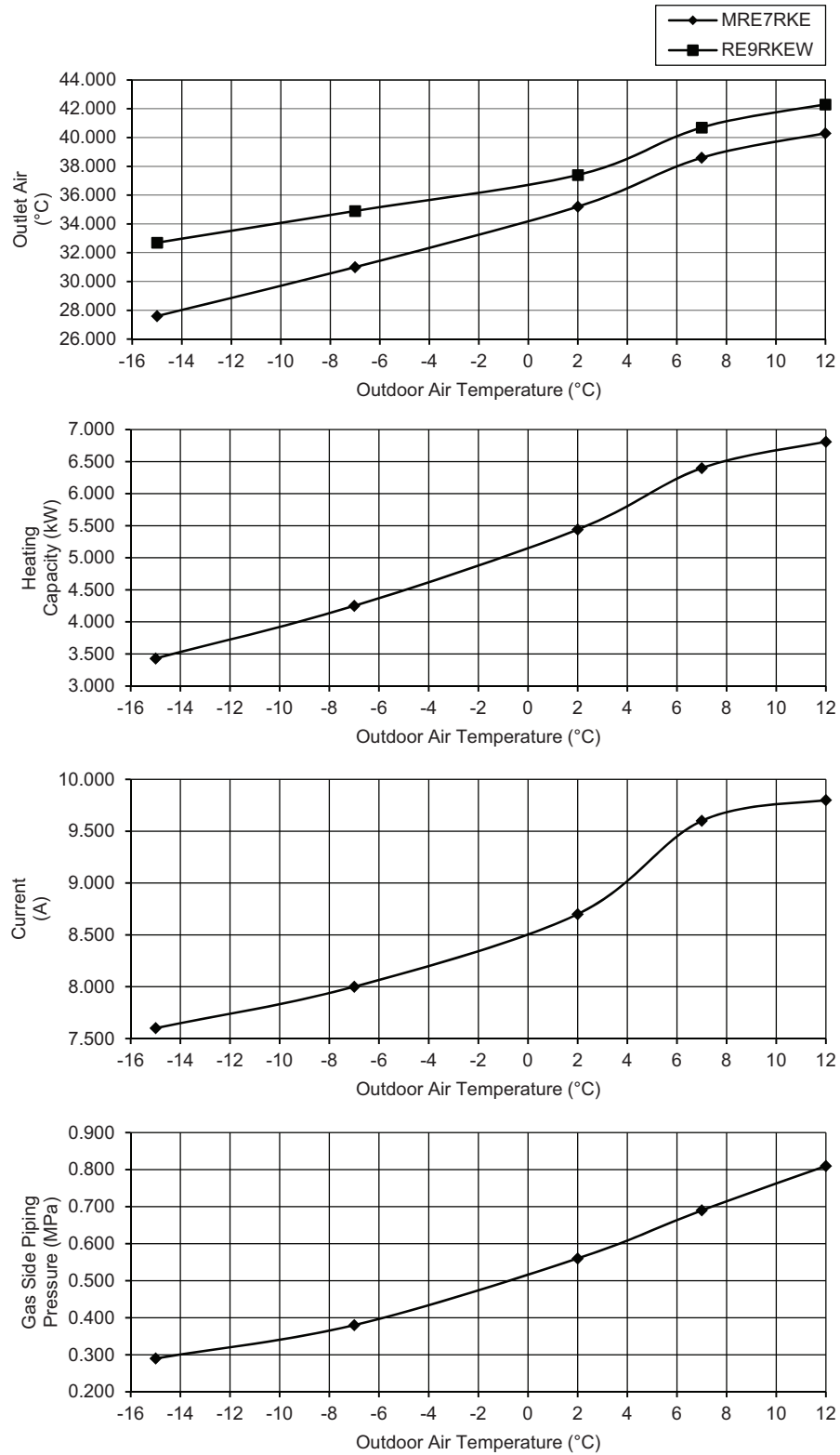
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

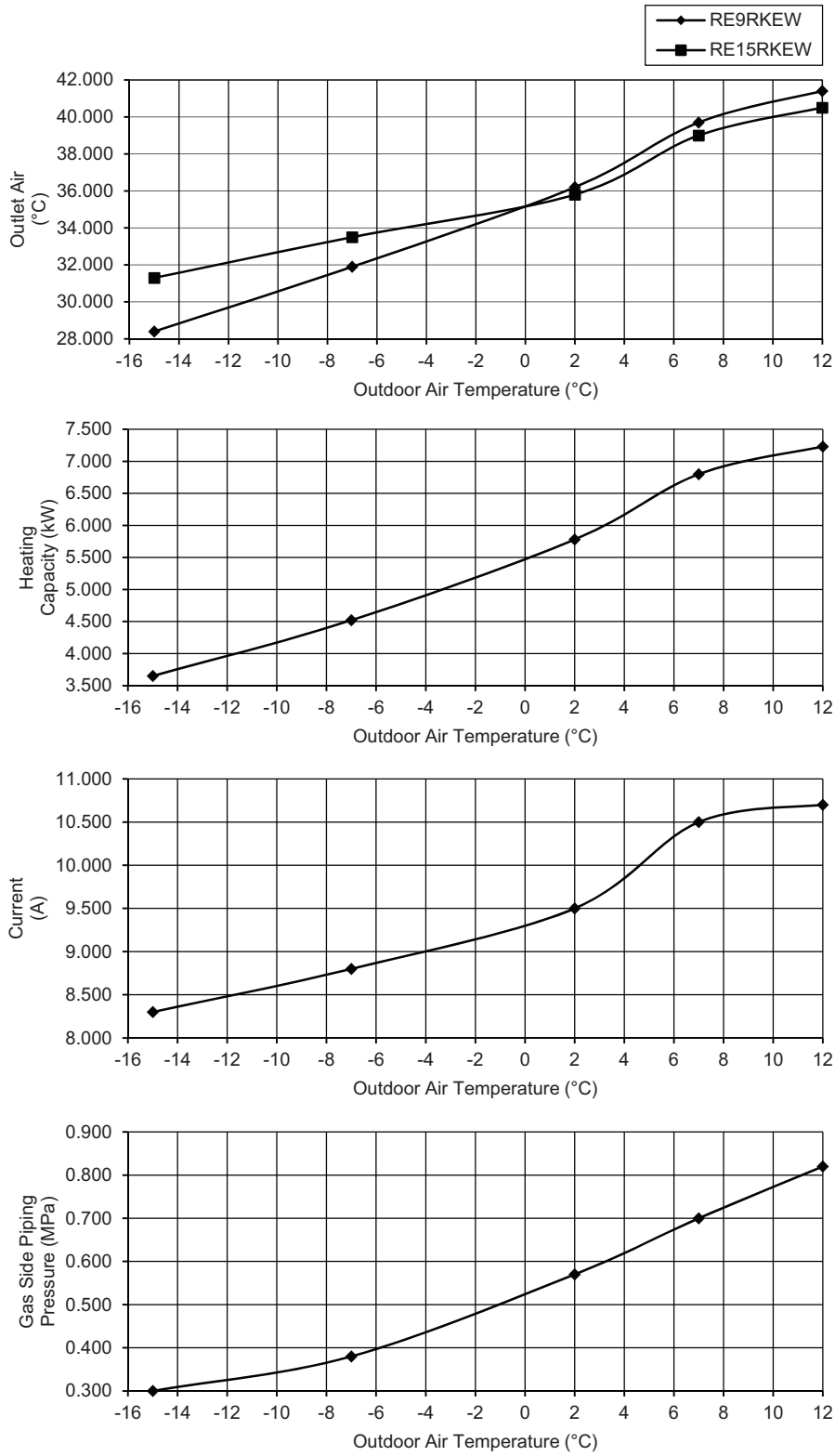
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0 + 2.5), CS-MRE7RKE + CS-RE9RKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5 + 4.0), CS-RE9RKEW + CS-RE15RKEW



18.3.3 Three Indoor Unit Operation

- Cooling Characteristic

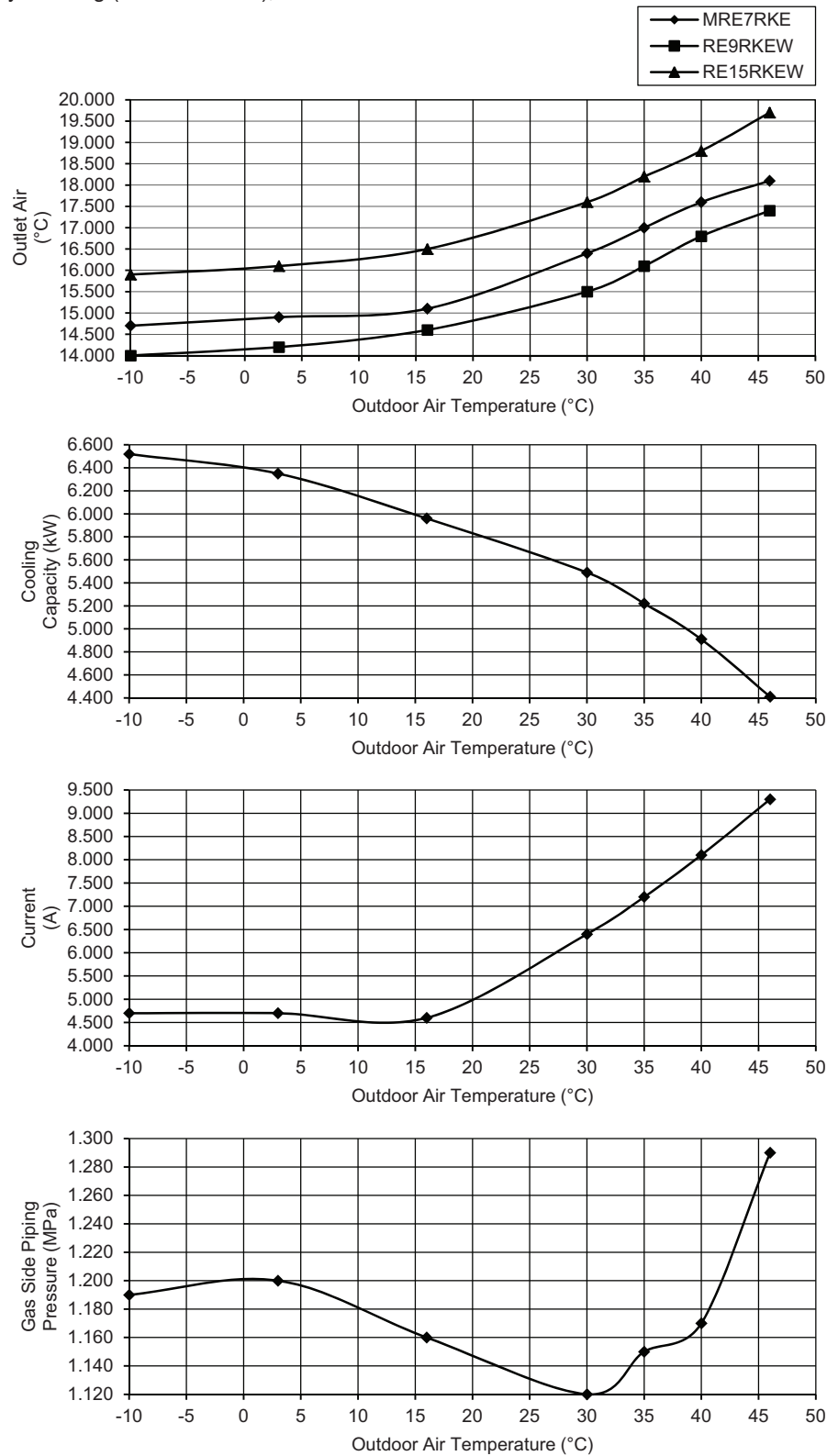
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0 + 2.5 + 4.0), CS-MRE7RKE + CS-RE9RKEW + CS-RE15RKEW



- Heating Characteristic

[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0 + 2.5 + 4.0), CS-MRE7RKE + CS-RE9RKEW + CS-RE15RKEW

