

Multizone



SCOP
A+

SEER
A+



Room
Air Conditioners

Multizone

Hitachi's Multizone system provides a wide variety of solutions for all residential or commercial installations.



OUTDOOR UNITS

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FLOOR MOUNTED

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WALL MOUNTED

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DUCTED-IN-THE-CEILING

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CASSETTES

RAI 25 - 50 QPB _____ page 111

Multizone

HIGH PERFORMANCE COMFORT



 RAC Multizone



WALL MOUNTED



FLOOR MOUNTED

SCOP
A+

SCOP
4.01

SEER
A+

SEER
6.07



Features

WASABI FILTER

Deodorising and antibacterial filter (PERFORMANCE and SHIROKUMA).

HEATING GUARANTEED AS LOW AS -15°C

REMOTE CONTROL

- Reading fault codes.
- Reading the ambient temperature.
- Reading energy consumption.

Design

THE MULTIZONE RANGE PROVIDES MANY DIFFERENT CONNECTION OPTIONS

- Connect the wall mounted and floor mounted (SHIROKUMA and PERFORMANCE) into a single design.
- Fit the house with ducted units for complete discretion.
- Use Cassettes in order to regain floor space.

INFRA-RED
REMOTE
CONTROL



Multizone

High performance comfort



Installation

 The Hitachi Multizone range allows you to heat or cool up to 6 rooms.

Wide range

Nominal Cooling (kW)		3.3	4	5	7	8.5	10.6
	NEW ① 2 UNITS						
	NEW ① 3 UNITS						
	NEW ① 4 UNITS						
	NEW ① 5 UNITS						
	NEW ① 6 UNITS						

Outdoor Units

RAC MULTIZONE



RAM 36NP2A



RAM 53NP2A
RAM 53NP3A



RAM 68NP3A
RAM 70NP4A



RAM 90NP5A



RAM 130NP6A

		RAM-33NP2B	RAM-40NP2B	RAM-53NP2B	RAM-53NP3B	RAM-68NP3B	RAM-70NP4B	RAM-90NP5B	RAM-110NP6B
Minimum / Maximum indoor units connectable		2	2	2	2 / 3	2 / 3	2 / 4	2 / 5	2 / 3 (units per ref cycle)
Nominal Cooling Capacity (min - max)	kW	3.3 (1.5-3.8)	4.0 (1.5-4.2)	5.3 (1.5-6.6)	5.3 (1.5-6.6)	6.8 (2.40-8.00)	7.0 (2.4-8.8)	8.5 (1.52-9.5)	10.6 (1.5-13.2)
Nominal Heating Capacity (min - max)	kW	4.0 (1.5-4.6)	5.2 (1.5 - 5.5)	6.8 (1.5 - 7.2)	6.8 (1.5 - 7.2)	8.5 (2.8 - 9.5)	8.5 (2.8 - 9.5)	11.0 (1.5 - 11.5)	14.4 (1.5 - 14.4)
Nominal Cooling Power Input (min - max)	kW	0.80 (0.20-1.05)	1.05 (0.20-1.15)	1.55 (0.20-1.66)	1.55 (0.20-1.68)	2.08 (0.46-2.96)	2.11 (0.46-3.20)	2.23 (0.20-3.85)	3.20 (0.20-3.50)
Nominal Heating Power Input (min - max)	kW	0.92 (0.20-1.50)	1.21 (0.20-1.50)	1.79 (0.20-2.01)	1.62 (0.20-1.86)	2.28 (0.43-2.60)	2.11 (0.48-3.12)	2.46 (0.20-3.85)	3.60 (0.40-3.72)
Seasonal Efficiency SEER ³⁾		6.30	7.00	7.15	7.15	6.60	6.30	6.50	6.3
Energy Efficiency Class		A++	A++	A++	A++	A++	A++	A++	A++
Annual Energy Consumption	kWh/yr	183	199	259	259	360	389	457	tba
Seasonal Efficiency SCOP ³⁾ (Average Climate)		4.30	4.33	4.31	4.31	4.20	4.20	4.20	4.2
Energy Efficiency Class		A+	A+	A+	A+	A+	A+	A+	A+
Annual Energy Consumption	kWh/yr	879	1,066	1,623	1,623	1,990	2,000	2,467	tba
Nominal Load Efficiency EER / COP ⁴⁾		4.13/4.35	3.81/4.30	3.42/3.80	3.42/4.20	3.27/3.73	3.32/4.03	3.81/4.47	3.31/3.78
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	A / A	A / A	B / A
Noise Level Cooling (sound pressure)	dB(A)	48	49	50	50	50	50	53	55
Noise Level Heating (sound pressure)	dB(A)	50	51	51	51	53	53	56	56
Noise level (sound power) ²⁾	dB(A)	61	62	62	62	63	63	66	68
Air flow (Cooling / Heating)	m ³ /h	1620/1620	1620/1620	2160/2160	2160/2160	2700/2700	2700/2700	3900/3900	4320
Dimensions (H x W x D)	mm	570x750x280	570x750x280	750x850x298	750x850x298	800x850x298	800x850x298	800x950x370	1450x855x308
Weight	kg	38.0	41.0	53.0	53.0	58.0	58.0	71.0	113.0
Piping Diameter (Liquid / Gas)	Inch	1/4" x 2 / 3/8" x 2			(1/4" x 3 / 3/8" x 3)		(1/4" x 4 / 3/8" x 3 + 1/2" x 1)	1/4" x 5 / (3/8" x 3) + (1/2" x 2)	(1/4" x 3 / 3/8" x 3) x 2
	mm	6.35 x 2 / 9.52 x 2			6.35 x 2 / 9.52 x 2		6.35 x 4 / [9.52 x 3] + [12.7 x 1]	6.35 x 5 / [9.52 x 4] + [12.7 x 1]	6.35 x 6 / 9.52 x 6
Minimum Piping Length	m	3.0							
Maximum Piping Length / Height Difference	m	20 / 10	35 / 20	35 / 20	45 / 20	60 / 20	60 / 20	75 / 20	45/20 per cycle
Current Quantity of Refrigerant	kg	1.03	1.45	1.90	1.90	2.30	2.30	2.70	1.65 per cycle
Chargeless / Additional Refrigerant Charge	m / g/m	20/-	35/-	35/-	35/20	30/20	30/20	30/15	35/20
Power supply		220-240V 50/60Hz							
Recommended fuse size	A	16			20			25	
Starting Current	A	8.0				9.0			8.0
Running Current (Cooling / Heating)	A	3.70-3.40 / 4.20-3.90	4.80-4.40 / 5.60-5.10	(7.10-6.50 / 8.20-7.50)	(7.12-6.52 / 7.44-6.82)	(9.55-8.75 / 10.50-9.60)	(9.70-8.90 / 9.70-8.90)	(10.20-9.40 / 11.30-10.40)	(14.70-13.5 / 16.5-15.2)
Interconnecting Cables	No.	3 + Earth / Indoor							
Working Range (Cooling / Heating)	°C	-10°C~43°C / -15°C~21°C							
Refrigerant / GWP		R410A / 1975							
Compressor type		Twin Rotary							

(2) Sound power level is the A-weighted sound power level [dB(A)] measured at standard rated conditions for the «cooling» mode operation in accordance to EN12102

(3) Data calculated in accordance to prEN14825 and the Commission Communication 2012/C 172/01

(4) Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C)



Infra-red remote control



Wired remote control

Infra-red remote control as standard for Wall mounted units, Floor mounted and Cassettes; optional on Ducted units.

Optional wired remote control on Floor mounted, Wall mounted units, Cassettes and Ducted units.

Combinations

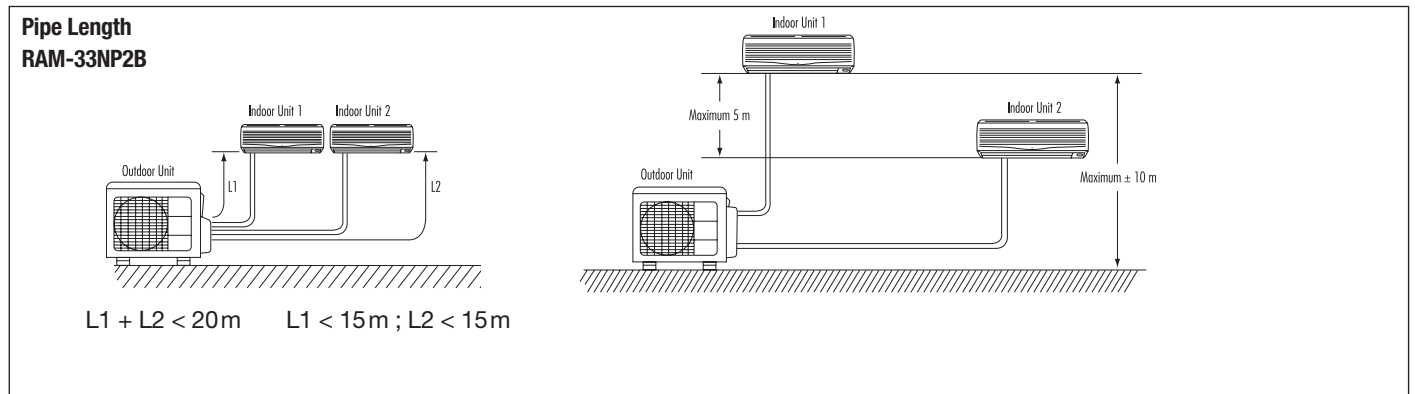
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RAM-33NP2B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	330	4.55	A	2.0	2.0	2.0	550	3.64	A
	18	1.8	1.8	2.5	390	4.62	A	2.5	2.5	2.5	690	3.62	A
	25	2.5	2.5	2.5	640	3.91	A	3.4	3.4	3.4	910	3.74	A
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	810	3.70	A	2.0+2.0	2.0+2.0	4.0	950	4.21	A
	15+18	1.5+1.8	1.5+1.8	3.3	800	4.13	A	2.0+2.5	1.78+2.22	4.0	950	4.21	A
	15+25	1.5+2.5	1.24+2.06	3.3	800	4.13	A	2.0+3.4	1.36+2.64	4.0	950	4.21	A
	18+18	1.8+1.8	1.65+1.65	3.3	800	4.13	A	2.5+2.5	2.0+2.0	4.0	950	4.21	A
	18+25	1.8+2.5	1.38+1.92	3.3	800	4.13	A	2.5+3.4	1.56+2.44	4.0	950	4.21	A
	25+25	2.5+2.5	1.65+1.65	3.3	800	4.13	A	3.4+3.4	2.0+2.0	4.0	950	4.21	A

- Notes:
- Two units must be connected
 - Capacity for single connected unit applies when two units are connected



Combinations

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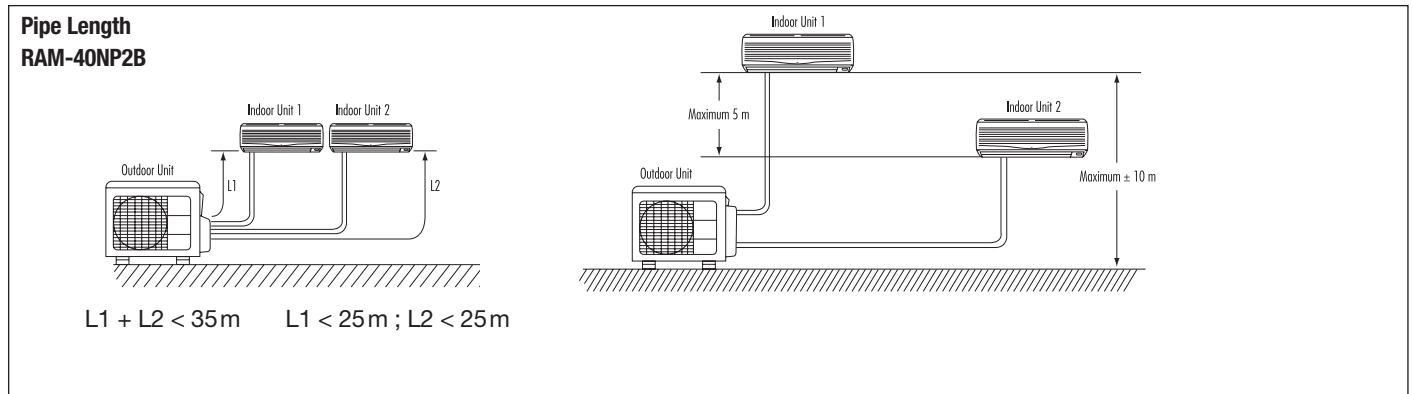


RAM-40NP2B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	380	3.95	A	2.0	2.0	2	530	3.77	A
	18	1.8	1.8	2.5	455	3.96	A	2.5	2.5	2.5	690	3.62	A
	25	2.5	2.5	2.5	650	3.85	A	3.5	3.5	3.5	990	3.54	B
	35	3.5	3.5	3.5	980	3.57	A	4.8	4.8	4.8	1350	3.56	B
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	820	3.66	A	2.0+2.0	2.0+2.0	4.0	1020	3.92	A
	15+18	1.5+1.8	1.5+1.8	3.3	870	3.79	A	2.0+2.5	2.0+2.5	4.5	1120	4.02	A
	15+25	1.5+2.5	1.5+2.5	4.0	1050	3.81	A	2.0+3.5	1.89+3.31	5.2	1280	4.06	A
	18+18	1.5+3.5	1.2+2.8	4.0	1050	3.81	A	2.0+4.8	1.53+3.67	5.2	1250	4.16	A
	18+25	1.8+1.8	1.8+1.8	3.6	968	3.72	A	2.5+2.5	2.5+2.5	5.0	1230	4.07	A
	25+25	1.8+2.5	1.67+2.33	4.0	1050	3.81	A	2.5+3.5	2.17+3.03	5.2	1250	4.16	A
	15+25	1.8+3.5	1.36+2.64	4.0	1050	3.81	A	2.5+4.8	1.78+3.42	5.2	1250	4.16	A
	18+18	2.5+2.5	2.0+2.0	4.0	1050	3.81	A	3.5+3.5	2.6+2.6	5.2	1250	4.16	A
	18+25	2.5+3.5	1.67+2.33	4.0	1050	3.81	A	3.5+4.8	2.19+3.01	5.2	1250	4.30	A

Notes:

- Two units must be connected
- Capacity for single connected unit applies when two units are connected



Combinations

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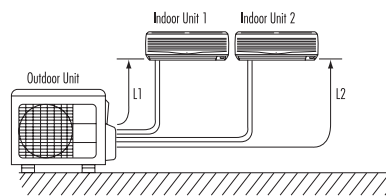


RAM-53NP2B INDOOR UNIT COMBINATIONS

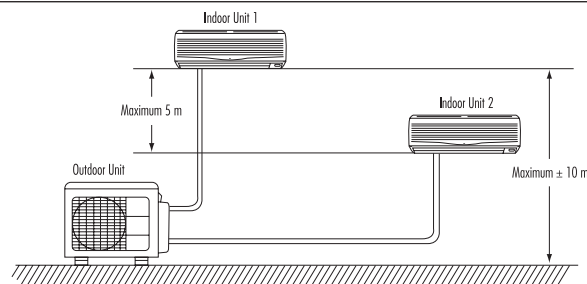
	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	430	3.49	A	2.00	2.00	2	610	3.28	C
	18	1.8	1.8	1.8	495	3.64	A	2.50	2.50	2.5	690	3.62	A
	25	2.5	2.5	2.5	700	3.57	A	3.90	3.90	3.9	1060	3.68	A
	35	3.5	3.5	3.5	1030	3.40	A	4.80	4.80	4.8	1320	3.64	A
	50	5.0	5.0	5.0	1510	3.31	A	6.50	6.50	6.5	1800	3.61	A
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	920	3.26	A	2.0+2.0	2.0+2.0	4.0	1060	3.77	A
	15+18	1.5+1.8	1.5+1.8	3.3	1020	3.24	A	2.0+2.5	2.0+2.5	4.5	1250	3.60	A
	15+25	1.5+2.5	1.5+2.5	4.0	1180	3.39	A	2.0+3.9	2.0+3.9	5.9	1620	3.64	A
	15+35	1.5+3.5	1.5+3.5	5.0	1480	3.38	A	2.0+4.8	2.0+4.8	6.8	1820	3.74	A
	15+50	1.5+5.0	1.22+4.08	5.3	1550	3.42	A	2.0+6.5	1.6+5.2	6.8	1820	3.74	A
	18+18	1.8+1.8	1.8+1.8	3.6	1080	3.33	A	2.5+2.5	2.5+2.5	5.0	1290	3.88	A
	18+25	1.8+2.5	1.8+2.5	4.3	1280	3.36	A	2.5+3.9	2.5+3.9	6.4	1700	3.76	A
	18+35	1.8+3.5	1.8+3.5	5.3	1550	3.42	A	2.0+4.8	2.31+4.49	6.8	1850	3.68	A
	18+50	1.8+5.0	1.4+3.9	5.3	1550	3.42	A	2.5+6.5	1.8+5.0	6.8	1820	3.74	A
	25+25	2.5+2.5	2.5+2.5	5.0	1470	3.40	A	3.9+3.9	3.4+3.4	6.8	1820	3.74	A
	25+35	2.5+3.5	2.21+3.09	5.3	1550	3.42	A	3.9+4.8	2.83+3.97	6.8	1820	3.74	A
	35+35	3.5+3.5	2.65+2.65	5.3	1550	3.42	A	4.8+4.8	3.4+3.4	6.8	1790	3.80	A
	25+50	2.5+5.0	1.77+3.53	5.3	1550	3.42	A	3.9+6.5	2.27+4.53	6.8	1790	3.80	A
35+50	3.5+5.0	2.18+3.12	5.3	1550	3.42	A	4.8+6.5	2.8+4.0	6.8	1790	3.80	A	

- Notes:
- Two units must be connected
 - Capacity for single connected unit applies when two units are connected

Pipe Length RAM-53NP2B



$$L1 + L2 < 35\text{m} \quad L1 < 25\text{m}; L2 < 25\text{m}$$



Combinations

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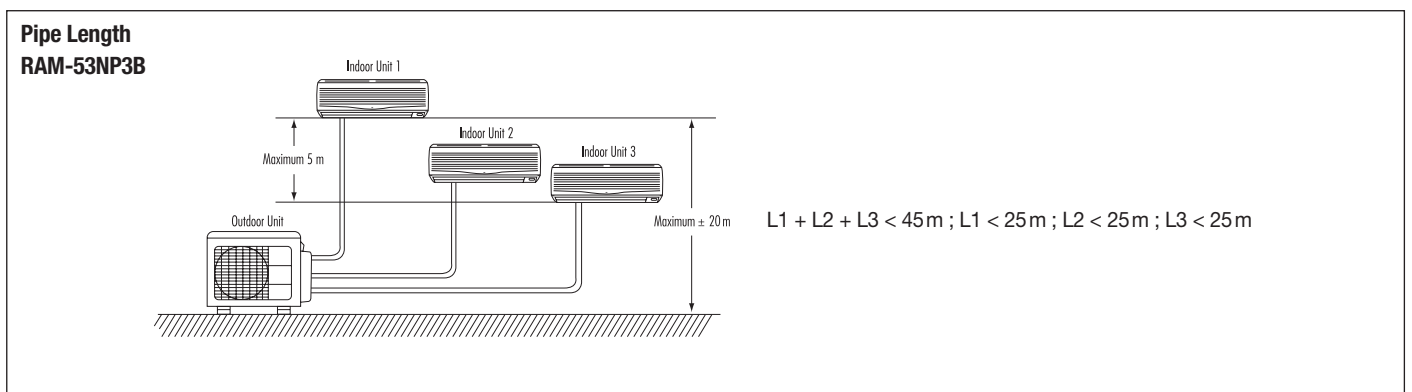


RAM-53NP3B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	430	3.49	A	2.00	2.00	2.0	610	3.28	C
	18	1.8	1.8	1.8	495	3.64	A	2.50	2.50	2.5	690	3.62	A
	25	2.5	2.5	2.5	700	3.57	A	3.90	3.90	3.9	1060	3.68	A
	35	3.5	3.5	3.5	1030	3.40	A	4.80	4.80	4.8	1320	3.64	A
	50	5.0	5.0	5.0	1510	3.31	A	6.50	6.50	6.5	1800	3.61	A
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	920	3.26	A	2.0+2.0	2.0+2.0	4.0	1060	3.77	A
	15+18	1.5+1.8	1.5+1.8	3.3	1020	3.24	A	2.0+2.5	2.0+2.5	4.5	1250	3.60	A
	15+25	1.5+2.5	1.5+2.5	4.0	1180	3.39	A	2.0+3.9	2.0+3.9	5.9	1620	3.64	A
	15+35	1.5+3.5	1.5+3.5	5.0	1480	3.38	A	2.0+4.8	2.0+4.8	6.8	1820	3.74	A
	15+50	1.5+5.0	1.22+4.08	5.3	1550	3.42	A	2.0+6.5	1.6+5.2	6.8	1820	3.74	A
	18+18	1.8+1.8	1.8+1.8	3.6	1080	3.33	A	2.5+2.5	2.5+2.5	5.0	1290	3.88	A
	18+25	1.8+2.5	1.8+2.5	4.3	1280	3.36	A	2.5+3.9	2.5+3.9	6.4	1700	3.76	A
	18+35	1.8+3.5	1.8+3.5	5.3	1550	3.42	A	2.0+4.8	2.31+4.49	6.8	1850	3.68	A
	18+50	1.8+5.0	1.4+3.9	5.3	1550	3.42	A	2.5+6.5	1.8+5.0	6.8	1820	3.74	A
	25+25	2.5+2.5	2.5+2.5	5.0	1470	3.40	A	3.9+3.9	3.4+3.4	6.8	1820	3.74	A
	25+35	2.5+3.5	2.21+3.09	5.3	1550	3.42	A	3.9+4.8	2.83+3.97	6.8	1820	3.74	A
	35+35	3.5+3.5	2.65+2.65	5.3	1550	3.42	A	4.8+4.8	3.4+3.4	6.8	1790	3.80	A
	25+50	2.5+5.0	1.77+3.53	5.3	1550	3.42	A	3.9+6.5	2.27+4.53	6.8	1790	3.80	A
35+50	3.5+5.0	2.18+3.12	5.3	1550	3.42	A	4.8+6.5	2.8+4.0	6.8	1790	3.80	A	

Notes:

- Two units must be connected
- Capacity for single connected unit applies when two units are connected



Combinations

RAC MULTIZONE



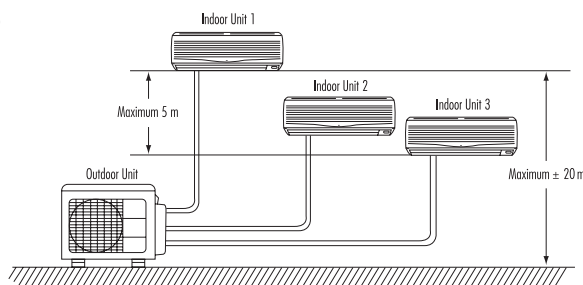
RAM-53NP3B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
3 Units	15+15+15	1.5+1.5+1.5	1.5+1.5+1.5	4.5	1320	3.41	A	2.0+2.0+2.0	2.0+2.0+2.0	6.0	1580	3.80	A
	15+15+18	1.5+1.5+1.8	1.5+1.5+1.8	4.8	1420	3.38	A	2.0+2.0+2.5	2.0+2.0+2.5	6.5	1620	4.01	A
	15+15+25	1.5+1.5+2.5	1.45+1.45+2.41	5.3	1550	3.42	A	2.0+2.0+3.9	1.72+1.72+3.36	6.8	1680	4.05	A
	15+15+35	1.5+1.5+3.5	1.22+1.22+2.85	5.3	1550	3.42	A	2.0+2.0+4.8	1.55+1.55+3.71	6.8	1680	4.05	A
	15+15+50	1.5+1.5+5.0	0.99+0.99+3.31	5.3	1550	3.42	A	2.0+2.0+6.5	1.3+1.3+4.21	6.8	1680	4.05	A
	15+18+18	1.5+1.8+1.8	1.5+1.8+1.8	5.1	1500	3.40	A	2.0+2.5+2.5	1.94+2.43+2.43	6.8	1680	4.05	A
	15+18+25	1.5+1.8+2.5	1.37+1.64+2.28	5.3	1550	3.42	A	2.0+2.5+3.9	1.62+2.02+3.16	6.8	1680	4.05	A
	15+18+35	1.5+1.8+3.5	1.17+1.4+2.73	5.3	1550	3.42	A	2.0+2.5+4.8	1.46+1.83+3.51	6.8	1680	4.05	A
	15+18+50	1.5+1.8+5.0	0.96+1.15+3.19	5.3	1550	3.42	A	2.0+2.5+6.5	1.24+1.55+4.02	6.8	1680	4.05	A
	15+25+25	1.5+2.5+2.5	1.22+2.04+2.04	5.3	1550	3.42	A	2.0+3.9+3.9	1.39+2.71+2.71	6.8	1680	4.05	A
	15+25+35	1.5+2.5+3.5	1.06+1.77+2.47	5.3	1550	3.42	A	2.0+3.9+4.8	1.27+2.48+3.05	6.8	1680	4.05	A
	15+35+35	1.5+3.5+3.5	0.94+2.18+2.18	5.3	1550	3.42	A	2.0+4.8+4.8	1.17+2.81+2.81	6.8	1680	4.05	A
	18+18+18	1.8+1.8+1.8	1.77+1.77+1.77	5.3	1550	3.42	A	2.5+2.5+2.5	2.27+2.27+2.27	6.8	1680	4.05	A
	18+18+25	1.8+1.8+2.5	1.56+1.56+2.17	5.3	1550	3.42	A	2.5+2.5+3.9	1.8+2.5+2.5	6.8	1680	4.05	A
	18+18+35	1.8+1.8+3.5	1.34+1.34+2.61	5.3	1550	3.42	A	2.5+2.5+4.8	1.72+1.72+3.35	6.8	1680	4.05	A
	18+18+50	1.8+1.8+5.0	1.11+1.11+3.08	5.3	1550	3.42	A	2.5+2.5+6.5	1.42+1.42+3.95	6.8	1680	4.05	A
	18+25+25	1.8+2.5+2.5	1.4+1.95+1.95	5.3	1550	3.42	A	2.5+3.9+3.9	1.8+2.5+2.5	6.8	1680	4.05	A
	18+25+35	1.8+2.5+3.5	1.22+1.7+2.38	5.3	1550	3.42	A	2.5+3.9+4.8	1.57+2.18+3.05	6.8	1680	4.05	A
	18+35+35	1.8+3.5+3.5	1.08+2.11+2.11	5.3	1550	3.42	A	2.5+4.8+4.8	1.4+2.7+2.7	6.8	1680	4.05	A
	25+25+25	2.5+2.5+2.5	1.77+1.77+1.77	5.3	1550	3.42	A	3.9+3.9+3.9	2.27+2.27+2.27	6.8	1680	4.05	A
25+25+35	2.5+2.5+3.5	1.56+1.56+2.18	5.3	1550	3.42	A	3.9+3.9+4.8	2.0+2.0+2.8	6.8	1680	4.05	A	

Notes:

- Two units must be connected
- Capacity for single connected unit applies when two units are connected

Pipe Length RAM-53NP3B



$$L1 + L2 + L3 < 45\text{ m} ; L1 < 25\text{ m} ; L2 < 25\text{ m} ; L3 < 25\text{ m}$$

Combinations

RAC MULTIZONE



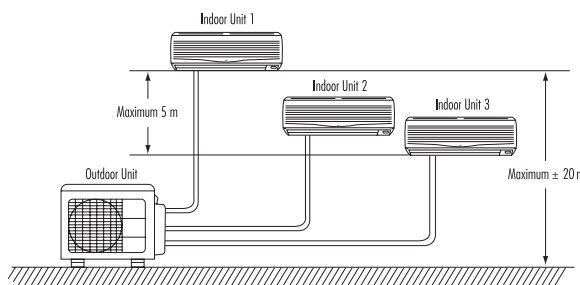
RAM-68NP3B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	400	3.75	A	2.0	2.0	2.0	560	3.57	B
	18	1.8	1.8	1.8	450	4.0	A	2.5	2.5	2.5	720	3.47	B
	25	2.5	2.5	2.5	650	3.85	A	3.4	3.4	3.4	980	3.47	B
	35	3.5	3.5	3.5	1030	3.40	A	4.3	4.3	4.3	1150	3.74	A
	50	5.0	5.0	5.0	1450	3.45	A	6.5	6.5	6.5	2030	3.20	C
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	870	3.45	A	2.0+2.0	2.0+2.0	4.0	1080	3.70	A
	15+18	1.5+1.8	1.5+1.8	3.3	950	3.47	A	2.0+2.5	2.0+2.5	4.5	1200	3.75	A
	15+25	1.5+2.5	1.5+2.5	4.0	1150	3.48	A	2.0+3.4	2.0+3.4	5.4	1450	3.72	A
	15+35	1.5+3.5	1.5+3.5	5.0	1450	3.45	A	2.0+4.3	2.0+4.3	6.3	1660	3.80	A
	15+50	1.5+5.0	1.5+5.0	6.5	1950	3.33	A	2.0+6.5	2.0+6.5	8.5	2200	3.86	A
	18+18	1.8+1.8	1.8+1.8	3.6	1020	3.53	A	2.5+2.5	2.5+2.5	5.0	1380	3.62	A
	18+25	1.8+2.5	1.8+2.5	4.3	1120	3.84	A	2.5+3.4	2.5+3.4	5.9	1610	3.66	A
	18+35	1.8+3.5	1.8+3.5	5.3	1600	3.31	A	2.5+4.3	2.5+4.3	6.8	1850	3.68	A
	18+50	1.8+5.0	1.8+5.0	6.8	2050	3.32	A	2.5+6.5	2.36+6.14	8.5	2350	3.62	A
	25+25	2.5+2.5	2.5+2.5	5.0	1410	3.55	A	3.4+3.4	3.4+3.4	6.8	2000	3.40	B
	25+35	2.5+3.5	2.5+3.5	6.0	1850	3.24	A	3.4+4.3	3.4+4.3	7.7	2120	3.63	A
	25+50	2.5+5.0	2.27+4.53	6.8	2060	3.30	A	3.4+6.5	2.92+5.58	8.5	2350	3.62	A
	35+35	3.5+3.5	3.4+3.4	6.8	2060	3.30	A	4.3+4.3	4.25+4.25	8.5	2350	3.62	A
	35+50	3.5+5.0	2.8+4.0	6.8	2060	3.30	A	4.3+6.5	3.38+5.12	8.5	2350	3.62	A
50+50	5.0+5.0	3.4+3.4	6.8	2060	3.30	A	6.5+6.5	4.5+4.5	8.5	2350	3.62	A	

Notes:

- Two units must be connected
- Capacity for single connected unit applies when two units are connected

Pipe Length RAM-68NP3B



$$L1 + L2 + L3 < 60m ; L1 < 25m ; L2 < 25m ; L3 < 25m$$

Combinations

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RAM-68NP3B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
3 Units	15+15+15	1.5+1.5+1.5	1.5+1.5+1.5	4.5	1400	3.21	A	2.0+2.0+2.0	2.0+2.0+2.0	6.0	1650	3.64	A
	15+15+18	1.5+1.5+1.8	1.5+1.5+1.8	4.8	1480	3.24	A	2.0+2.0+2.5	2.0+2.0+2.5	6.5	1750	3.71	A
	15+15+25	1.5+1.5+2.5	1.5+1.5+2.5	5.5	1680	3.27	A	2.0+2.0+3.4	2.0+2.0+3.4	7.4	2010	3.68	A
	15+15+35	1.5+1.5+3.5	1.5+1.5+3.5	6.5	2010	3.23	A	2.0+2.0+4.3	1.55+1.55+3.71	8.3	2260	3.67	A
	15+15+50	1.5+1.5+5.0	1.28+1.28+4.25	6.8	2100	3.24	A	2.0+2.0+6.5	1.62+1.62+5.26	8.5	2300	3.70	A
	15+18+18	1.5+1.8+1.8	1.5+1.8+1.8	5.1	1550	3.29	A	2.0+2.5+2.5	2.0+2.5+2.5	7.0	1900	3.68	A
	15+18+25	1.5+1.8+2.5	1.5+1.8+2.5	5.8	1800	3.22	A	2.0+2.5+3.4	2.0+2.5+3.4	7.9	2150	3.67	A
	15+18+35	1.5+1.8+3.5	1.5+1.8+3.5	6.8	2100	3.24	A	2.0+2.5+4.3	1.93+2.41+4.15	8.5	2290	3.71	A
	15+18+50	1.5+1.8+5.0	1.23+1.47+4.1	6.8	2100	3.24	A	2.0+2.5+6.5	1.55+1.93+5.02	8.5	2290	3.71	A
	15+25+25	1.5+2.5+2.5	1.5+2.5+2.5	6.5	2020	3.22	A	2.0+3.4+3.4	1.93+3.28+3.28	8.5	2290	3.71	A
	15+25+35	1.5+2.5+3.5	1.36+2.27+3.17	6.8	2100	3.24	A	2.0+3.4+4.3	1.75+2.98+3.77	8.5	2290	3.71	A
	15+25+50	1.5+2.5+5.0	1.13+1.89+3.78	6.8	2100	3.24	A	2.0+3.4+6.5	1.43+2.43+4.64	8.5	2310	3.68	A
	15+35+35	1.5+3.5+3.5	1.2+2.8+2.8	6.8	2100	3.24	A	2.0+4.3+4.3	1.6+3.45+3.45	8.5	2310	3.68	A
	15+35+50	1.5+3.5+5.0	1.02+2.38+3.4	6.8	2100	3.24	A	2.0+4.3+6.5	1.33+2.86+4.32	8.5	2310	3.68	A
	18+18+18	1.8+1.8+1.8	1.8+1.8+1.8	5.4	1450	3.72	A	2.5+2.5+2.5	2.5+2.5+2.5	7.5	2050	3.66	A
	18+18+25	1.8+1.8+2.5	1.8+1.8+2.5	6.1	1720	3.55	A	2.5+2.5+3.4	2.5+2.5+3.4	8.4	2290	3.67	A
	18+18+35	1.8+1.8+3.5	1.72+1.72+3.35	6.8	2080	3.27	A	2.5+2.5+4.3	2.28+2.28+3.93	8.5	2290	3.71	A
	18+18+50	1.8+1.8+5.0	1.42+1.42+3.95	6.8	2080	3.27	A	2.5+2.5+6.5	1.85+1.85+4.8	8.5	2280	3.73	A
	18+25+25	1.8+2.5+2.5	1.8+2.5+2.5	6.8	2080	3.27	A	2.5+3.4+3.4	2.28+3.11+3.11	8.5	2290	3.71	A
	18+25+35	1.8+2.5+3.5	1.57+2.18+3.05	6.8	2080	3.27	A	2.5+3.4+4.3	2.08+2.83+3.58	8.5	2290	3.71	A
	18+25+50	1.8+2.5+5.0	1.32+1.83+3.66	6.8	2080	3.27	A	2.5+3.4+6.5	1.71+2.33+4.46	8.5	2280	3.73	A
	18+35+35	1.8+3.5+3.5	1.39+2.7+2.7	6.8	2080	3.27	A	2.5+4.3+4.3	1.91+3.29+3.29	8.5	2290	3.71	A
	18+35+50	1.8+3.5+5.0	1.19+2.31+3.3	6.8	2080	3.27	A	2.5+4.3+6.5	1.6+2.75+4.15	8.5	2280	3.73	A
	25+25+25	2.5+2.5+2.5	2.27+2.27+2.27	6.8	2080	3.27	A	3.4+3.4+3.4	2.83+2.83+2.83	8.5	2290	3.71	A
	25+25+35	2.5+2.5+3.5	2.0+2.0+2.8	6.8	2080	3.27	A	3.4+3.4+4.3	2.6+2.6+3.29	8.5	2290	3.71	A
	25+25+50	2.5+2.5+5.0	1.7+1.7+3.4	6.8	2080	3.27	A	3.4+3.4+6.5	2.17+2.17+4.15	8.5	2280	3.73	A
	25+35+35	2.5+3.5+3.5	1.79+2.51+2.51	6.8	2080	3.27	A	3.4+4.3+4.3	2.41+3.05+3.05	8.5	2290	3.71	A
	25+35+50	2.5+3.5+5.0	1.55+2.16+3.09	6.8	2080	3.27	A	3.4+4.3+6.5	2.04+2.57+3.89	8.5	2280	3.73	A
	35+35+35	3.5+3.5+3.5	2.27+2.27+2.27	6.8	2080	3.27	A	4.3+4.3+4.3	2.83+2.83+2.83	8.5	2280	3.73	A

- Notes:
- Two units must be connected
 - Capacity for single connected unit applies when two units are connected

Combinations

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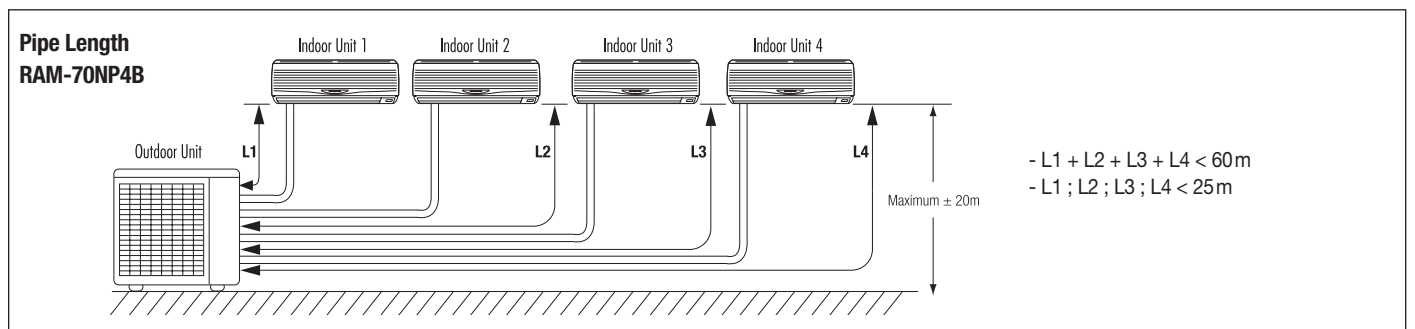


RAM-70NP4B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	400	3.75	A	2.0	2.0	2.0	560	3.57	B
	18	1.8	1.8	1.8	450	4.0	A	2.5	2.5	2.5	720	3.47	B
	25	2.5	2.5	2.5	650	3.85	A	3.4	3.4	3.4	980	3.47	B
	35	3.5	3.5	3.5	1030	3.40	A	4.3	4.3	4.3	1150	3.74	A
	50	5.0	5.0	5.0	1450	3.45	A	6.5	6.5	6.5	2030	3.20	C
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	870	3.45	A	2.0+2.0	2.0+2.0	4.0	1080	3.70	A
	15+18	1.5+1.8	1.5+1.8	3.3	950	3.47	A	2.0+2.5	2.0+2.5	4.5	1200	3.75	A
	15+25	1.5+2.5	1.5+2.5	4.0	1150	3.48	A	2.0+3.4	2.0+3.4	5.4	1450	3.72	A
	15+35	1.5+3.5	1.5+3.5	5.0	1450	3.45	A	2.0+4.3	2.0+4.3	6.3	1660	3.80	A
	15+50	1.5+5.0	1.5+5.0	6.5	1950	3.33	A	2.0+6.5	2.0+6.5	8.5	2200	3.86	A
	18+18	1.8+1.8	1.8+1.8	3.6	1020	3.53	A	2.5+2.5	2.5+2.5	5.0	1380	3.62	A
	18+25	1.8+2.5	1.8+2.5	4.3	1120	3.84	A	2.5+3.4	2.5+3.4	5.9	1610	3.66	A
	18+35	1.8+3.5	1.8+3.5	5.3	1600	3.31	A	2.5+4.3	2.5+4.3	6.8	1850	3.68	A
	18+50	1.8+5.0	1.8+5.0	6.8	2050	3.32	A	2.5+6.5	2.36+6.14	8.5	2350	3.62	A
	25+25	2.5+2.5	2.5+2.5	5.0	1410	3.55	A	3.4+3.4	3.4+3.4	6.8	1850	3.68	A
	25+35	2.5+3.5	2.5+3.5	6.0	1850	3.24	A	3.4+4.3	3.4+4.3	7.7	2120	3.63	A
	25+50	2.5+5.0	2.33+4.67	7.0	2060	3.40	A	3.4+6.5	2.92+5.58	8.5	2350	3.62	A
	35+35	3.5+3.5	3.5+3.5	7.0	2060	3.40	A	4.3+4.3	4.25+4.25	8.5	2350	3.62	A
	35+50	3.5+5.0	2.88+4.12	7.0	2060	3.40	A	4.3+6.5	3.38+5.12	8.5	2350	3.62	A
50+50	5.0+5.0	3.5+3.5	7.0	2060	3.40	A	6.5+6.5	4.5+4.5	8.5	2350	3.62	A	

Notes:

- Two units must be connected
- Capacity for single connected unit applies when two units are connected



Combinations

RAC MULTIZONE



RAM-70NP4B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
3 Units	15+15+15	1.5+1.5+1.5	1.5+1.5+1.5	4.5	1400	3.21	A	2.0+2.0+2.0	2.0+2.0+2.0	6.0	1650	3.64	A
	15+15+18	1.5+1.5+1.8	1.5+1.5+1.8	4.8	1480	3.24	A	2.0+2.0+2.5	2.0+2.0+2.5	6.5	1750	3.71	A
	15+15+25	1.5+1.5+2.5	1.5+1.5+2.5	5.5	1680	3.27	A	2.0+2.0+3.4	2.0+2.0+3.4	7.4	2010	3.68	A
	15+15+35	1.5+1.5+3.5	1.5+1.5+3.5	6.5	2010	3.23	A	2.0+2.0+4.3	1.55+1.55+3.71	8.3	2260	3.67	A
	15+15+50	1.5+1.5+5.0	1.31+1.31+4.38	7.0	2100	3.33	A	2.0+2.0+6.5	1.62+1.62+5.26	8.5	2300	3.70	A
	15+18+18	1.5+1.8+1.8	1.5+1.8+1.8	5.1	1550	3.29	A	2.0+2.5+2.5	2.0+2.5+2.5	7.0	1900	3.68	A
	15+18+25	1.5+1.8+2.5	1.5+1.8+2.5	5.8	1800	3.22	A	2.0+2.5+3.4	2.0+2.5+3.4	7.9	2150	3.67	A
	15+18+35	1.5+1.8+3.5	1.5+1.8+3.5	6.8	2100	3.24	A	2.0+2.5+4.3	1.93+2.41+4.15	8.5	2290	3.71	A
	15+18+50	1.5+1.8+5.0	1.27+1.52+4.22	7.0	2100	3.33	A	2.0+2.5+6.5	1.55+1.93+5.02	8.5	2290	3.71	A
	15+25+25	1.5+2.5+2.5	1.5+2.5+2.5	6.5	2020	3.22	A	2.0+3.4+3.4	1.93+3.28+3.28	8.5	2290	3.71	A
	15+25+35	1.5+2.5+3.5	1.4+2.33+3.27	7.0	2100	3.33	A	2.0+3.4+4.3	1.75+2.98+3.77	8.5	2290	3.71	A
	15+25+50	1.5+2.5+5.0	1.17+1.94+3.89	7.0	2100	3.33	A	2.0+3.4+6.5	1.43+2.43+4.64	8.5	2310	3.68	A
	15+35+35	1.5+3.5+3.5	1.24+2.88+2.88	7.0	2100	3.33	A	2.0+4.3+4.3	1.6+3.45+3.45	8.5	2310	3.68	A
	15+35+50	1.5+3.5+5.0	1.05+2.45+3.5	7.0	2100	3.33	A	2.0+4.3+6.5	1.33+2.86+4.32	8.5	2310	3.68	A
	18+18+18	1.8+1.8+1.8	1.8+1.8+1.8	5.4	1450	3.72	A	2.5+2.5+2.5	2.5+2.5+2.5	7.5	2050	3.66	A
	18+18+25	1.8+1.8+2.5	1.8+1.8+2.5	6.1	1720	3.55	A	2.5+2.5+3.4	2.5+2.5+3.4	8.4	2290	3.67	A
	18+18+35	1.8+1.8+3.5	1.77+1.77+3.45	7.0	2080	3.37	A	2.5+2.5+4.3	2.28+2.28+3.93	8.5	2290	3.71	A
	18+18+50	1.8+1.8+5.0	1.47+1.47+4.07	7.0	2080	3.37	A	2.5+2.5+6.5	1.85+1.85+4.8	8.5	2280	3.73	A
	18+25+25	1.8+2.5+2.5	1.8+2.5+2.5	6.8	2080	3.27	A	2.5+3.4+3.4	2.28+3.11+3.11	8.5	2290	3.71	A
	18+25+35	1.8+2.5+3.5	1.62+2.24+3.14	7.0	2080	3.37	A	2.5+3.4+4.3	2.08+2.83+3.58	8.5	2290	3.71	A
	18+25+50	1.8+2.5+5.0	1.35+1.88+3.76	7.0	2080	3.37	A	2.5+3.4+6.5	1.71+2.33+4.46	8.5	2280	3.73	A
	18+35+35	1.8+3.5+3.5	1.43+2.78+2.78	7.0	2080	3.37	A	2.5+4.3+4.3	1.91+3.29+3.29	8.5	2290	3.71	A
	18+35+50	1.8+3.5+5.0	1.22+2.38+3.4	7.0	2080	3.37	A	2.5+4.3+6.5	1.6+2.75+4.15	8.5	2280	3.73	A
	25+25+25	2.5+2.5+2.5	2.33+2.33+2.33	7.0	2080	3.37	A	3.4+3.4+3.4	2.83+2.83+2.83	8.5	2290	3.71	A
	25+25+35	2.5+2.5+3.5	2.06+2.06+2.88	7.0	2080	3.37	A	3.4+3.4+4.3	2.6+2.6+3.29	8.5	2290	3.71	A
	25+25+50	2.5+2.5+5.0	1.75+1.75+3.5	7.0	2080	3.37	A	3.4+3.4+6.5	2.17+2.17+4.15	8.5	2280	3.73	A
	25+35+35	2.5+3.5+3.5	1.84+2.58+2.58	7.0	2080	3.37	A	3.4+4.3+4.3	2.41+3.05+3.05	8.5	2290	3.71	A
	25+35+50	2.5+3.5+5.0	1.59+2.23+3.18	7.0	2080	3.37	A	3.4+4.3+6.5	2.04+2.57+3.89	8.5	2280	3.73	A
	35+35+35	3.5+3.5+3.5	2.33+2.33+2.33	7.0	2080	3.37	A	4.3+4.3+4.3	2.83+2.83+2.83	8.5	2280	3.73	A

- Notes:
- Two units must be connected
 - Capacity for single connected unit applies when two units are connected

Combinations

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RAM-70NP4B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
4 Units	15+15+15+15	1.5+1.5+1.5+1.5	1.5+1.5+1.5+1.5	6.0	1600	3.75	A	2.0+2.0+2.0+2.0	2.0+2.0+2.0+2.0	8.0	2150	3.72	A
	15+15+15+18	1.5+1.5+1.5+1.8	1.5+1.5+1.5+1.8	6.3	1650	3.82	A	2.0+2.0+2.0+2.5	2.0+2.0+2.0+2.5	8.5	2180	3.90	A
	15+15+15+25	1.5+1.5+1.5+2.5	1.5+1.5+1.5+2.5	7.0	1890	3.70	A	2.0+2.0+2.0+3.4	1.81+1.81+1.81+3.07	8.5	2200	3.86	A
	15+15+15+35	1.5+1.5+1.5+3.5	1.31+1.31+1.31+3.06	7.0	2140	3.27	A	2.0+2.0+2.0+4.3	1.65+1.65+1.65+3.55	8.5	2200	3.86	A
	15+15+15+50	1.5+1.5+1.5+5.0	1.11+1.11+1.11+3.68	7.0	2140	3.27	A	2.0+2.0+2.0+6.5	1.36+1.36+1.36+4.42	8.5	2200	3.86	A
	15+15+18+18	1.5+1.5+1.8+1.8	1.5+1.5+1.8+1.8	6.6	1850	3.57	A	2.0+2.0+2.5+2.5	1.89+1.89+2.36+2.36	8.5	2200	3.86	A
	15+15+18+25	1.5+1.5+1.8+2.5	1.44+1.44+1.73+2.4	7.0	2010	3.48	A	2.0+2.0+2.5+3.4	1.72+1.72+2.15+2.92	8.5	2200	3.86	A
	15+15+18+35	1.5+1.5+1.8+3.5	1.27+1.27+1.52+2.95	7.0	2140	3.27	A	2.0+2.0+2.5+4.3	1.57+1.57+1.97+3.38	8.5	2200	3.86	A
	15+15+18+50	1.5+1.5+1.8+5.0	1.07+1.07+1.29+3.57	7.0	2140	3.27	A	2.0+2.0+4.3+6.5	1.31+1.31+1.63+4.25	8.5	2200	3.86	A
	15+15+25+25	1.5+1.5+2.5+2.5	1.31+1.31+2.19+2.19	7.0	2140	3.27	A	2.0+2.0+3.4+3.4	1.57+1.57+2.68+2.68	8.5	2200	3.86	A
	15+15+25+35	1.5+1.5+2.5+3.5	1.17+1.17+1.94+2.72	7.0	2140	3.27	A	2.0+2.0+3.4+4.3	1.45+1.45+2.47+3.12	8.5	2200	3.86	A
	15+15+25+50	1.5+1.5+2.5+5.0	1.0+1.0+1.67+3.33	7.0	2140	3.27	A	2.0+2.0+3.4+6.5	1.22+1.22+2.08+3.97	8.5	2180	3.90	A
	15+15+35+35	1.5+1.5+3.5+3.5	1.05+1.05+2.45+2.45	7.0	2140	3.27	A	2.0+2.0+4.3+4.3	1.35+1.35+2.9+2.9	8.5	2200	3.86	A
	15+15+35+50	1.5+1.5+3.5+5.0	0.91+0.91+2.13+3.04	7.0	2140	3.27	A	2.0+2.0+4.3+6.5	1.15+1.15+2.47+3.73	8.5	2180	3.90	A
	15+18+18+18	1.5+1.8+1.8+1.8	1.5+1.8+1.8+1.8	6.9	2010	3.43	A	2.0+2.5+2.5+2.5	1.79+2.24+2.24+2.24	8.5	2200	3.86	A
	15+18+18+25	1.5+1.8+1.8+2.5	1.38+1.66+1.66+2.3	7.0	2140	3.27	A	2.0+2.5+2.5+3.4	1.63+2.04+2.04+2.78	8.5	2200	3.86	A
	15+18+18+35	1.5+1.8+1.8+3.5	1.22+1.47+1.47+2.85	7.0	2140	3.27	A	2.0+2.5+2.5+4.3	1.5+1.88+1.88+3.23	8.5	2200	3.86	A
	15+18+18+50	1.5+1.8+1.8+5.0	1.04+1.25+1.25+3.47	7.0	2140	3.27	A	2.0+2.5+2.5+6.5	1.26+1.57+1.57+4.09	8.5	2180	3.90	A
	15+18+25+25	1.5+1.8+2.5+2.5	1.27+1.52+2.11+2.11	7.0	2140	3.27	A	2.0+2.5+3.4+3.4	1.5+1.88+2.56+2.56	8.5	2200	3.86	A
	15+18+25+35	1.5+1.8+2.5+3.5	1.13+1.35+1.88+2.63	7.0	2140	3.27	A	2.0+2.5+3.4+4.3	1.39+1.74+2.37+3.0	8.5	2200	3.86	A
	15+18+25+50	1.5+1.8+2.5+5.0	0.97+1.17+1.62+3.24	7.0	2140	3.27	A	2.0+2.5+3.4+6.5	1.18+1.48+2.01+3.84	8.5	2180	3.90	A
	15+18+35+35	1.5+1.8+3.5+3.5	1.02+1.22+2.38+2.38	7.0	2140	3.27	A	2.0+2.5+4.3+4.3	1.3+1.62+2.79+2.79	8.5	2200	3.86	A
	15+25+25+25	1.5+2.5+2.5+2.5	1.17+1.94+1.94+1.94	7.0	2140	3.27	A	2.0+3.4+3.4+3.4	1.39+2.37+2.37+2.37	8.5	2200	3.86	A
	15+25+25+35	1.5+2.5+2.5+3.5	1.05+1.75+1.75+2.45	7.0	2140	3.27	A	2.0+3.4+3.4+4.3	1.3+2.21+2.21+2.79	8.5	2200	3.86	A
	15+25+35+35	1.5+2.5+3.5+3.5	0.95+1.59+2.23+2.23	7.0	2140	3.27	A	2.0+3.4+4.3+4.3	1.21+2.06+2.61+2.61	8.5	2180	3.90	A
	18+18+18+18	1.8+1.8+1.8+1.8	1.75+1.75+1.75+1.75	7.0	2110	3.32	A	2.5+2.5+2.5+2.5	2.13+2.13+2.13+2.13	8.5	2120	4.01	A
	18+18+18+25	1.8+1.8+1.8+2.5	1.59+1.59+1.59+2.22	7.0	2110	3.32	A	2.5+2.5+2.5+3.4	1.95+1.95+1.95+2.65	8.5	2120	4.01	A
	18+18+18+35	1.8+1.8+1.8+3.5	1.42+1.42+1.42+2.75	7.0	2110	3.32	A	2.5+2.5+2.5+4.3	1.8+1.8+1.8+3.1	8.5	2120	4.01	A
	18+18+18+50	1.8+1.8+1.8+5.0	1.21+1.21+1.21+3.37	7.0	2110	3.32	A	2.5+2.5+2.5+6.5	1.52+1.52+1.52+3.95	8.5	2110	4.03	A
	18+18+25+25	1.8+1.8+2.5+2.5	1.47+1.47+2.03+2.03	7.0	2110	3.32	A	2.5+2.5+3.4+3.4	1.8+1.8+2.45+2.45	8.5	2120	4.01	A
	18+18+25+35	1.8+1.8+2.5+3.5	1.31+1.31+1.82+2.55	7.0	2110	3.32	A	2.5+2.5+3.4+4.3	1.67+1.67+2.28+2.88	8.5	2120	4.01	A
	18+18+35+35	1.8+1.8+3.5+3.5	1.19+1.19+2.31+2.31	7.0	2110	3.32	A	2.5+2.5+4.3+4.3	1.56+1.56+2.69+2.69	8.5	2110	4.03	A
18+25+25+25	1.8+2.5+2.5+2.5	1.35+1.88+1.88+1.88	7.0	2110	3.32	A	2.5+3.4+3.4+3.4	1.67+2.28+2.28+2.28	8.5	2120	4.01	A	
18+25+25+35	1.8+2.5+2.5+3.5	1.22+1.7+1.7+2.38	7.0	2110	3.32	A	2.5+3.4+3.4+4.3	1.56+2.13+2.13+2.69	8.5	2110	4.03	A	
25+25+25+25	2.5+2.5+2.5+2.5	1.75+1.75+1.75+1.75	7.0	2110	3.32	A	3.4+3.4+3.4+3.4	2.13+2.13+2.13+2.13	8.5	2110	4.03	A	
25+25+25+35	2.5+2.5+2.5+3.5	1.59+1.59+1.59+2.23	7.0	2110	3.32	A	3.4+3.4+3.4+4.3	1.99+1.99+1.99+2.52	8.5	2110	4.03	A	

Notes:
 1. Two units must be connected
 2. Capacity for single connected unit applies when two units are connected

Combinations

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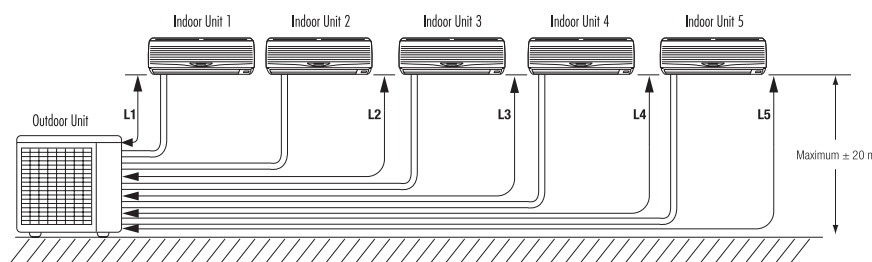
RAM-90NP5B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	420	3.57	A	2.0	2.0	2.0	620	3.23	C
	18	1.8	1.8	1.8	500	3.6	A	2.5	2.5	2.5	780	3.21	C
	25	2.5	2.5	2.5	700	3.57	A	3.4	3.4	3.4	1140	2.98	D
	35	3.5	3.5	3.5	1040	3.37	A	4.3	4.3	4.3	1420	3.03	D
	50	5.0	5.0	5.0	1540	3.25	A	6.5	6.5	6.5	2300	2.83	D
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	850	3.53	A	2.0+2.0	2.0+2.0	4.0	950	4.21	A
	15+18	1.5+1.8	1.5+1.8	3.3	950	3.47	A	2.0+2.5	2.0+2.5	4.5	1180	3.81	A
	15+25	1.5+2.5	1.5+2.5	4.0	1250	3.20	A	2.0+3.4	2.0+3.4	5.4	1320	4.09	A
	15+35	1.5+3.5	1.5+3.5	5.0	1550	3.23	A	2.0+4.3	2.0+4.3	6.3	1550	4.06	A
	15+50	1.5+5.0	1.5+5.0	6.5	2100	3.10	A	2.0+6.5	2.0+6.5	8.5	2300	3.70	A
	18+18	1.8+1.8	1.8+1.8	3.6	820	4.39	A	2.5+2.5	2.5+2.5	5.0	1240	4.03	A
	18+25	1.8+2.5	1.8+2.5	4.3	1000	4.30	A	2.5+3.4	2.5+3.4	5.9	1530	3.66	A
	18+35	1.8+3.5	1.8+3.5	5.3	1590	3.33	A	2.5+4.3	2.5+4.3	6.8	1870	3.64	A
	18+50	1.8+5.0	1.8+5.0	6.8	2370	2.87	C	2.5+6.5	2.39+6.21	8.6	2470	3.48	B
	25+25	2.5+2.5	2.5+2.5	5.0	1370	3.65	A	3.4+3.4	3.4+3.4	6.8	1810	3.76	A
	25+35	2.5+3.5	2.5+3.5	6.0	2000	3.00	B	3.4+4.3	3.4+4.3	7.7	2160	3.56	B
	25+50	2.5+5.0	2.5+5.0	7.5	2580	2.91	C	3.4+6.5	3.16+6.04	9.2	2720	3.38	C
	35+35	3.5+3.5	3.5+3.5	7.0	2490	2.81	C	4.3+4.3	4.3+4.3	8.6	2460	3.50	B
	35+50	3.5+5.0	3.5+5.0	8.5	2900	2.93	C	4.3+6.5	3.86+5.84	9.7	2940	3.30	C
50+50	5.0+5.0	4.25+4.25	9.0	2930	2.90	C	6.5+6.5	5.1+5.1	10.2	2860	3.57	B	

Notes:

- Two units must be connected
- Capacity for single connected unit applies when two units are connected

Pipe Length RAM-90NP5B



- $(L1 + L2 + L3 + L4 + L5) = \text{Maximum } 75 \text{ m}$

- $L1 < 25 \text{ m}; L2 < 25 \text{ m}; L3 < 25 \text{ m};$

$L4 < 25 \text{ m}; L5 < 25 \text{ m}$

Combinations

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RAM-90NP5B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
3 Units	15+15+15	1.5+1.5+1.5	1.5+1.5+1.5	4.5	1250	3.60	A	2.0+2.0+2.0	2.0+2.0+2.0	6.0	1540	3.90	A
	15+15+18	1.5+1.5+1.8	1.5+1.5+1.8	4.8	1350	3.56	A	2.0+2.0+2.5	2.0+2.0+2.5	6.5	1800	3.61	A
	15+15+25	1.5+1.5+2.5	1.5+1.5+2.5	5.5	1490	3.69	A	2.0+2.0+3.4	2.0+2.0+3.4	7.4	2010	3.68	A
	15+15+35	1.5+1.5+3.5	1.5+1.5+3.5	6.5	2100	3.10	B	2.0+2.0+4.3	2.0+2.0+4.3	8.3	2420	3.43	B
	15+15+50	1.5+1.5+5.0	1.5+1.5+5.0	8.0	2230	3.59	A	2.0+2.0+6.5	2.0+2.0+6.5	10.5	2300	4.57	A
	15+18+18	1.5+1.8+1.8	1.5+1.8+1.8	5.1	1350	3.78	A	2.0+2.5+2.5	2.0+2.5+2.5	7.0	1900	3.68	A
	15+18+25	1.5+1.8+2.5	1.5+1.8+2.5	5.8	1350	3.89	A	2.0+2.5+3.4	2.0+2.5+3.4	7.9	2180	3.62	A
	15+18+35	1.5+1.8+3.5	1.5+1.8+3.5	6.8	2370	2.87	C	2.0+2.5+4.3	2.0+2.5+4.3	8.8	2940	3.83	A
	15+18+50	1.5+1.8+5.0	1.5+1.8+5.0	8.3	1350	3.72	A	2.0+2.5+6.5	2.0+2.5+6.5	11.0	2800	3.93	A
	15+25+25	1.5+2.5+2.5	1.5+2.5+2.5	6.5	2100	3.10	B	2.0+3.4+3.4	2.0+3.4+3.4	8.8	2940	3.83	A
	15+25+35	1.5+2.5+3.5	1.5+2.5+3.5	7.5	2580	2.91	C	2.0+3.4+4.3	2.0+3.4+4.3	9.7	2940	3.30	A
	15+25+50	1.5+2.5+5.0	1.5+2.5+5.0	9.0	1350	3.36	A	2.0+3.4+6.5	1.85+3.14+6.01	11.0	2800	3.93	A
	15+35+35	1.5+3.5+3.5	1.5+3.5+3.5	8.5	2800	3.04	B	2.0+4.3+4.3	2.0+4.3+4.3	10.6	2940	3.61	A
	15+35+50	1.5+3.5+5.0	1.35+3.15+4.5	9.0	2680	3.36	A	2.0+4.3+6.5	1.72+3.7+5.59	11.0	2800	3.93	A
	15+50+50	1.5+5.0+5.0	1.17+3.91+3.91	9.0	2680	3.36	A	2.0+6.5+6.5	1.47+4.77+4.77	11.0	2800	3.93	A
	18+18+18	1.8+1.8+1.8	1.8+1.8+1.8	5.4	1480	3.65	A	2.5+2.5+2.5	2.5+2.5+2.5	7.5	2020	3.71	A
	18+18+25	1.8+1.8+2.5	1.8+1.8+2.5	6.1	1780	3.43	A	2.5+2.5+3.4	2.38+2.38+3.24	8.0	2210	3.62	A
	18+18+35	1.8+1.8+3.5	1.8+1.8+3.5	7.1	1910	3.72	A	2.5+2.5+4.3	2.37+2.37+4.06	8.8	2370	3.71	A
	18+18+50	1.8+1.8+5.0	1.78+1.78+4.94	8.5	2650	3.21	A	2.5+2.5+6.5	2.2+2.2+5.7	10.1	2730	3.70	A
	18+25+25	1.8+2.5+2.5	1.8+2.5+2.5	6.8	1860	3.66	A	2.5+3.4+3.4	2.3+3.15+3.15	8.6	2370	3.63	A
	18+25+35	1.8+2.5+3.5	1.8+2.5+3.5	7.8	2190	3.56	A	2.5+3.4+4.3	2.3+3.13+3.96	9.4	2530	3.72	A
	18+25+50	1.8+2.5+5.0	1.66+2.26+4.58	8.5	2550	3.33	A	2.5+3.4+6.5	2.1+2.85+5.45	10.4	2890	3.60	B
	18+35+35	1.8+3.5+3.5	1.74+3.38+3.38	8.5	2600	3.27	A	2.5+4.3+4.3	2.34+4.03+4.03	10.4	2750	3.78	A
	18+35+50	1.8+3.5+5.0	1.47+2.88+4.16	8.5	2590	3.28	A	2.5+4.3+6.5	1.95+3.36+5.09	10.4	2990	3.48	B
	18+50+50	1.5+5.0+5.0	1.31+3.6+3.6	8.5	2590	3.28	A	2.5+6.5+6.5	1.68+4.36+4.36	10.4	2990	3.48	B
	25+25+25	2.5+2.5+2.5	2.5+2.5+2.5	7.5	2120	3.54	A	3.4+3.4+3.4	3.0+3.0+3.0	9.0	2540	3.54	B
	25+25+35	2.5+2.5+3.5	2.5+2.5+3.5	8.5	2560	3.32	A	3.4+3.4+4.3	3.06+3.06+3.87	10.0	2730	3.66	A
	25+25+50	2.5+2.5+5.0	2.13+2.13+4.25	8.5	2620	3.24	A	3.4+3.4+6.5	2.66+2.66+5.08	10.4	2990	3.48	B
	25+35+35	2.5+3.5+3.5	2.33+3.13+3.13	8.5	2600	3.27	A	3.4+4.3+4.3	2.95+3.73+3.73	10.4	2890	3.60	B
	25+35+50	2.5+3.5+5.0	1.93+2.69+3.87	8.5	2620	3.24	A	3.4+4.3+6.5	2.49+3.14+4.77	10.4	2990	3.48	B
25+50+50	2.5+5.0+5.0	1.7+3.4+3.4	8.5	2620	3.24	A	4.3+6.5+6.5	2.18+4.16+4.16	10.5	2990	3.51	B	
35+35+35	3.5+3.5+3.5	2.83+2.83+2.83	8.5	2600	3.27	A	4.3+4.3+4.3	3.47+3.47+3.47	10.4	2990	3.48	B	
35+35+50	3.5+3.5+5.0	2.5+2.5+3.49	8.5	2620	3.24	A	4.3+4.3+6.5	3.01+3.01+4.48	10.5	2990	3.51	B	
35+50+50	3.5+5.0+5.0	2.17+3.17+3.17	8.5	2620	3.24	A	4.3+6.5+6.5	2.61+3.97+3.97	10.5	2990	3.51	B	
50+50+50	5.0+5.0+5.0	2.83+2.83+2.83	8.5	2690	3.16	B	6.5+6.5+6.5	3.67+3.67+3.67	11.0	2890	2.81	A	

Notes:
 1. Two units must be connected
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-90NP5B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
4 Units	15+15+15+15	1.5+1.5+1.5+1.5	1.5+1.5+1.5+1.5	6.0	1350	4.44	A	2.0+2.0+2.0+2.0	2.0+2.0+2.0+2.0	8.0	2210	3.62	A
	15+15+15+18	1.5+1.5+1.5+1.8	1.5+1.5+1.5+1.8	6.3	1480	4.26	A	2.0+2.0+2.0+2.5	2.0+2.0+2.0+2.5	8.5	2300	3.70	A
	15+15+15+25	1.5+1.5+1.5+2.5	1.5+1.5+1.5+2.5	7.0	1780	3.93	A	2.0+2.0+2.0+3.4	2.0+2.0+2.0+3.4	9.4	2530	3.72	A
	15+15+15+35	1.5+1.5+1.5+3.5	1.5+1.5+1.5+3.5	8.0	1910	4.19	A	2.0+2.0+2.0+4.3	2.0+2.0+2.0+4.3	10.3	2890	3.56	B
	15+15+15+50	1.5+1.5+1.5+5.0	1.34+1.34+1.34+4.47	8.5	2650	3.21	A	2.0+2.0+2.0+6.5	1.76+1.76+1.76+5.72	11.0	2800	3.93	A
	15+15+18+18	1.5+1.5+1.8+1.8	1.5+1.5+1.8+1.8	6.6	1750	3.77	A	2.0+2.0+2.5+2.5	2.0+2.0+2.5+2.5	9.0	2540	3.54	B
	15+15+18+25	1.5+1.5+1.8+2.5	1.5+1.5+1.8+2.5	7.3	1850	3.95	A	2.0+2.0+2.5+3.4	2.0+2.0+2.5+3.4	9.9	2620	3.63	A
	15+15+18+35	1.5+1.5+1.8+3.5	1.5+1.5+1.8+3.5	8.3	2180	3.81	A	2.0+2.0+2.5+4.3	2.0+2.0+2.5+4.3	10.8	2890	3.74	A
	15+15+18+50	1.5+1.5+1.8+5.0	1.3+1.3+1.56+4.34	8.5	2600	3.27	A	2.0+2.0+4.3+6.5	1.69+1.69+2.12+5.5	11.0	2800	3.93	A
	15+15+25+25	1.5+1.5+2.5+2.5	1.5+1.5+2.5+2.5	8.0	2150	3.72	A	2.0+2.0+3.4+3.4	2.0+2.0+3.4+3.4	10.8	2850	3.79	A
	15+15+25+35	1.5+1.5+2.5+3.5	1.42+1.42+2.36+3.31	8.5	2600	3.27	A	2.0+2.0+3.4+4.3	1.88+1.88+3.2+4.04	11.0	2800	3.93	A
	15+15+25+50	1.5+1.5+2.5+5.0	1.21+1.21+2.02+4.05	8.5	2600	3.27	A	2.0+2.0+3.4+6.5	1.58+1.58+2.69+5.14	11.0	2800	3.93	A
	15+15+35+35	1.5+1.5+3.5+3.5	1.28+1.28+2.98+2.98	8.5	2600	3.27	A	2.0+2.0+4.3+4.3	1.75+1.75+3.75+3.75	11.0	2900	3.79	A
	15+15+35+50	1.5+1.5+3.5+5.0	1.11+1.11+2.59+3.7	8.5	2600	3.27	A	2.0+2.0+4.3+6.5	1.49+1.49+3.2+4.83	11.0	2800	3.93	A
	15+15+50+50	1.5+1.5+5.0+5.0	0.98+0.98+3.27+3.27	8.5	2600	3.27	A	2.0+2.0+6.5+6.5	1.29+1.29+4.21+4.21	11.0	2800	3.93	A
	15+18+18+18	1.5+1.8+1.8+1.8	1.5+1.8+1.8+1.8	6.9	1870	3.69	A	2.0+2.5+2.5+2.5	2.0+2.5+2.5+2.5	9.5	2620	3.63	A
	15+18+18+25	1.5+1.8+1.8+2.5	1.5+1.8+1.8+2.5	7.6	2140	3.55	A	2.0+2.5+2.5+3.4	2.0+2.5+2.5+3.4	10.4	2890	3.60	B
	15+18+18+35	1.5+1.8+1.8+3.5	1.48+1.78+1.78+3.46	8.5	2550	3.33	A	2.0+2.5+2.5+4.3	1.95+2.43+2.43+4.19	11.0	2800	3.93	A
	15+18+18+50	1.5+1.8+1.8+5.0	1.26+1.51+1.51+4.21	8.5	2600	3.27	A	2.0+2.5+2.5+6.5	1.63+2.04+2.04+5.3	11.0	2800	3.93	A
	15+18+25+25	1.5+1.8+2.5+2.5	1.5+1.8+2.5+2.5	8.3	2740	3.03	B	2.0+2.5+3.4+3.4	1.95+2.43+3.31+3.31	11.0	2800	3.93	A
	15+18+25+35	1.5+1.8+2.5+3.5	1.37+1.65+2.28+3.2	8.5	2600	3.27	A	2.0+2.5+3.4+4.3	1.8+2.25+3.07+3.88	11.0	2800	3.93	A
	15+18+25+50	1.5+1.8+2.5+5.0	1.18+1.42+1.97+3.94	8.5	2600	3.27	A	2.0+2.5+3.4+6.5	1.53+1.91+2.6+4.97	11.0	2800	3.93	A
	15+18+35+35	1.5+1.8+3.5+3.5	1.24+1.49+2.89+2.89	8.5	2600	3.27	A	2.0+2.5+4.3+4.3	1.68+2.1+3.61+3.61	11.0	2800	3.93	A
	15+18+35+50	1.5+1.8+3.5+5.0	1.08+1.3+2.52+3.6	8.5	2600	3.27	A	2.0+2.5+4.3+6.5	1.44+1.8+3.09+4.67	11.0	2800	3.93	A
	15+18+50+50	1.5+1.8+5.0+5.0	0.96+1.15+3.2+3.2	8.5	2600	3.27	A	2.0+2.5+6.5+6.5	1.26+1.57+4.09+4.09	11.0	2800	3.93	A
	15+25+25+25	1.5+2.5+2.5+2.5	1.42+2.36+2.36+2.36	8.5	2610	3.26	A	2.0+3.4+3.4+3.4	1.8+3.07+3.07+3.07	11.0	2800	3.93	A
	15+25+25+35	1.5+2.5+2.5+3.5	1.28+2.13+2.13+2.98	8.5	2600	3.27	A	2.0+3.4+3.4+4.3	1.68+2.85+2.85+3.61	11.0	2800	3.93	A
	15+25+25+50	1.5+2.5+2.5+5.0	1.11+1.85+1.85+3.7	8.5	2600	3.27	A	2.0+3.4+3.4+6.5	1.44+2.44+2.44+4.67	11.0	2800	3.93	A
	15+25+35+35	1.5+2.5+3.5+3.5	1.16+1.93+2.7+2.7	8.5	2600	3.27	A	2.0+3.4+4.3+4.3	1.57+2.67+3.38+3.38	11.0	2800	3.93	A
	15+25+35+50	1.5+2.5+3.5+5.0	1.02+1.7+2.38+3.4	8.5	2600	3.27	A	2.0+3.4+4.3+6.5	1.36+2.31+2.92+4.41	11.0	2800	3.93	A
15+25+50+50	1.5+2.5+5.0+5.0	0.91+1.52+3.04+3.04	8.5	2600	3.27	A	2.0+3.4+6.5+6.5	1.2+2.03+3.89+3.89	11.0	2800	3.93	A	
15+35+35+35	1.5+3.5+3.5+3.5	1.06+2.48+2.48+2.48	8.5	2600	3.27	A	2.0+4.3+4.3+4.3	1.48+3.17+3.17+3.17	11.0	2800	3.93	A	

- Notes:
- Two units must be connected
 - Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-90NP5B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE							HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class	
15+35+35+50	1.5+3.5+3.5+5.0	0.94+2.2+2.2+3.15	8.5	2600	3.27	A	2.0+4.3+4.3+6.5	1.29+2.77+2.77+4.18	11.0	2800	3.93	A	
15+35+50+50	1.5+3.5+5.0+5.0	0.85+1.98+2.83+2.83	8.5	2600	3.27	A	2.0+4.3+6.5+6.5	1.14+2.45+3.7+3.7	11.0	2800	3.93	A	
18+18+18+18	1.8+1.8+1.8+1.8	1.8+1.8+1.8+1.8	7.2	1800	4.00	A	2.5+2.5+2.5+2.5	2.4+2.4+2.4+2.4	9.6	2400	4.00	A	
18+18+18+25	1.8+1.8+1.8+2.5	1.8+1.8+1.8+2.5	7.9	2090	3.78	A	2.5+2.5+2.5+3.4	2.25+2.25+2.25+3.06	9.8	2700	3.63	A	
18+18+18+35	1.8+1.8+1.8+3.5	1.72+1.72+1.72+3.34	8.5	2415	3.52	A	2.5+2.5+2.5+4.3	2.16+2.16+2.16+3.72	10.2	2700	3.78	A	
18+18+18+50	1.8+1.8+1.8+5.0	1.46+1.46+1.46+4.11	8.5	2390	3.56	A	2.5+2.5+2.5+6.5	1.81+1.81+1.81+4.77	10.2	2700	3.78	A	
18+18+25+25	1.8+1.8+2.5+2.5	1.78+1.78+2.47+2.47	8.5	2320	3.66	A	2.5+2.5+3.4+3.4	2.12+2.12+2.88+2.88	10.0	2700	3.70	A	
18+18+25+35	1.8+1.8+2.5+3.5	1.59+1.59+2.21+3.1	8.5	2390	3.56	A	2.5+2.5+3.4+4.3	2.01+2.01+2.73+3.45	10.2	2700	3.78	A	
18+18+25+50	1.8+1.8+2.5+5.0	1.37+1.37+1.9+3.88	8.5	2390	3.56	A	2.5+2.5+3.4+6.5	1.7+1.7+2.3+4.5	10.2	2700	3.78	A	
18+18+35+35	1.8+1.8+3.5+3.5	1.44+1.44+2.81+2.81	8.5	2390	3.56	A	2.5+2.5+4.3+4.3	1.88+1.88+3.23+3.23	10.2	2700	3.78	A	
18+18+35+50	1.8+1.8+3.5+5.0	1.27+1.27+2.46+3.49	8.5	2390	3.56	A	2.5+2.5+4.3+6.5	1.61+1.61+2.78+4.18	10.2	2700	3.78	A	
18+18+50+50	1.8+1.8+5.0+5.0	1.14+1.14+3.12+3.12	8.5	2370	3.59	A	2.5+2.5+6.5+6.5	1.45+1.45+3.75+3.75	10.4	2700	3.85	A	
18+25+25+25	1.8+2.5+2.5+2.5	1.71+2.26+2.26+2.26	8.5	2390	3.56	A	2.5+3.4+3.4+3.4	2.01+2.71+2.71+2.71	10.2	2700	3.78	A	
18+25+25+35	1.8+2.5+2.5+3.5	1.52+2.08+2.08+2.83	8.5	2390	3.56	A	2.5+3.4+3.4+4.3	1.88+2.57+2.57+3.17	10.2	2700	3.78	A	
18+25+25+50	1.8+2.5+2.5+5.0	1.33+1.79+1.79+3.59	8.5	2390	3.56	A	2.5+3.4+3.4+6.5	1.61+2.18+2.18+4.19	10.2	2700	3.78	A	
18+25+35+35	1.8+2.5+3.5+3.5	1.32+1.89+2.64+2.64	8.5	2390	3.56	A	2.5+3.4+4.3+4.3	1.76+2.4+3.03+3.03	10.2	2700	3.78	A	
18+25+35+50	1.8+2.5+3.5+5.0	1.23+1.65+2.31+3.3	8.5	2390	3.56	A	2.5+3.4+4.3+6.5	1.53+2.07+2.62+3.95	10.2	2700	3.78	A	
18+25+50+50	1.8+2.5+5.0+5.0	1.09+1.47+2.97+2.97	8.5	2370	3.59	A	2.5+3.4+6.5+6.5	1.46+1.96+3.78+3.78	11.0	2630	4.18	A	
18+35+35+35	1.8+3.5+3.5+3.5	1.27+2.41+2.41+2.41	8.5	2390	3.56	A	2.5+4.3+4.3+4.3	1.66+2.84+2.84+2.84	10.2	2700	3.78	A	
18+35+35+50	1.8+3.5+3.5+5.0	1.09+2.18+2.18+3.07	8.5	2390	3.56	A	2.5+4.3+4.3+6.5	1.56+2.71+2.71+4.05	11.0	2800	3.93	A	
18+35+50+50	1.8+3.5+5.0+5.0	0.9+1.93+2.79+2.79	8.5	2370	3.59	A	2.5+4.3+6.5+6.5	1.39+2.38+3.62+3.62	11.0	2800	3.93	A	
25+25+25+25	2.5+2.5+2.5+2.5	2.13+2.13+2.13+2.13	8.5	2370	3.59	A	3.4+3.4+3.4+3.4	2.55+2.55+2.55+2.55	10.2	2700	3.78	A	
25+25+25+35	2.5+2.5+2.5+3.5	1.93+1.93+1.93+2.69	8.5	2370	3.59	A	3.4+3.4+3.4+4.3	2.39+3.01+3.01+3.01	10.2	2700	3.78	A	
25+25+25+50	2.5+2.5+2.5+5.0	1.7+1.7+1.7+3.4	8.5	2370	3.59	A	3.4+3.4+3.4+6.5	2.12+2.12+2.12+4.05	10.4	2700	3.85	A	
25+25+35+35	2.5+2.5+3.5+3.5	1.77+1.77+2.47+2.47	8.5	2370	3.59	A	3.4+3.4+4.3+4.3	2.09+2.09+3.01+3.01	10.2	2700	3.78	A	
25+25+35+50	2.5+2.5+3.5+5.0	1.57+1.57+2.2+3.15	8.5	2370	3.59	A	3.4+3.4+4.3+6.5	2.01+2.01+2.54+3.84	10.4	2700	3.85	A	
25+25+50+50	2.5+2.5+5.0+5.0	1.42+1.42+2.83+2.83	8.5	2370	3.59	A	3.4+3.4+6.5+6.5	1.89+1.89+3.61+3.61	11.0	2630	4.18	A	
25+35+35+35	2.5+3.5+3.5+3.5	1.64+2.29+2.29+2.29	8.5	2390	3.56	A	3.4+4.3+4.3+4.3	2.17+2.74+2.74+2.74	10.4	2700	3.85	A	
25+35+35+50	2.5+3.5+3.5+5.0	1.48+1.48+2.05+2.93	8.5	2390	3.56	A	3.4+4.3+4.3+5.0	2.02+2.56+2.56+3.86	11.0	2630	4.18	A	
35+35+35+35	3.5+3.5+3.5+3.5	2.13+2.13+2.13+2.13	8.5	2390	3.56	A	4.3+4.3+4.3+4.3	2.75+2.75+2.75+2.75	11.0	2630	4.18	A	
35+35+35+50	3.5+3.5+3.5+5.0	1.92+1.92+1.92+2.74	8.5	2390	3.56	A	4.3+4.3+4.3+6.5	2.44+2.44+2.44+3.69	11.0	2630	4.18	A	

Notes:
 1. Two units must be connected
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-90NP5B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
5 Units	15+15+15+15+15	1.5+1.5+1.5+1.5+1.5	1.5+1.5+1.5+1.5+1.5	7.5	1770	4.24	A	2.0+2.0+2.0+2.0+2.0	2.0+2.0+2.0+2.0+2.0	10.0	2350	4.26	A
	15+15+15+15+18	1.5+1.5+1.5+1.5+1.8	1.5+1.5+1.5+1.5+1.8	7.8	1850	4.22	A	2.0+2.0+2.0+2.0+2.5	2.0+2.0+2.0+2.0+2.5	10.5	2360	4.45	A
	15+15+15+15+25	1.5+1.5+1.5+1.5+2.5	1.5+1.5+1.5+1.5+2.5	8.5	1950	4.36	A	2.0+2.0+2.0+2.0+3.4	1.93+1.93+1.93+1.93+3.28	11.0	2400	4.58	A
	15+15+15+15+35	1.5+1.5+1.5+1.5+3.5	1.34+1.34+1.34+1.34+3.13	8.5	2590	3.28	A	2.0+2.0+2.0+2.0+4.3	1.79+1.79+1.79+1.79+3.85	11.0	2460	4.47	A
	15+15+15+15+50	1.5+1.5+1.5+1.5+5.0	1.16+1.16+1.16+1.16+3.86	8.5	2390	3.56	A	2.0+2.0+2.0+2.0+6.5	1.52+1.52+1.52+1.52+4.93	11.0	2460	4.47	A
	15+15+15+18+18	1.5+1.5+1.5+1.8+1.8	1.5+1.5+1.5+1.8+1.8	8.1	1960	4.13	A	2.0+2.0+2.0+2.5+2.5	2.0+2.0+2.0+2.5+2.5	11.0	2460	4.47	A
	15+15+15+18+25	1.5+1.5+1.5+1.8+2.5	1.45+1.45+1.45+1.74+2.41	8.5	2200	3.86	A	2.0+2.0+2.0+2.5+3.4	1.85+1.85+1.85+2.31+3.14	11.0	2460	4.47	A
	15+15+15+18+35	1.5+1.5+1.5+1.8+3.5	1.3+1.3+1.3+1.56+3.04	8.5	2390	3.56	A	2.0+2.0+2.0+2.5+4.3	1.72+1.72+1.72+2.15+3.7	11.0	2460	4.47	A
	15+15+15+18+50	1.5+1.5+1.5+1.8+5.0	1.13+1.13+1.13+1.35+3.76	8.5	2390	3.56	A	2.0+2.0+2.0+2.5+6.5	1.47+1.47+1.47+1.83+4.77	11.0	2460	4.47	A
	15+15+15+25+25	1.5+1.5+1.5+2.5+2.5	1.34+1.34+1.34+2.24+2.24	8.5	2480	3.43	A	2.0+2.0+2.0+3.4+3.4	1.72+1.72+1.72+2.92+2.92	11.0	2460	4.47	A
	15+15+15+25+35	1.5+1.5+1.5+2.5+3.5	1.21+1.21+1.21+2.02+2.83	8.5	2390	3.56	A	2.0+2.0+2.0+3.4+4.3	1.61+1.61+1.61+2.73+3.45	11.0	2460	4.47	A
	15+15+15+25+50	1.5+1.5+1.5+2.5+5.0	1.06+1.06+1.06+1.77+3.54	8.5	2390	3.56	A	2.0+2.0+2.0+3.4+6.5	1.38+1.38+1.38+2.35+4.5	11.0	2460	4.47	A
	15+15+15+35+35	1.5+1.5+1.5+3.5+3.5	1.11+1.11+1.11+2.59+2.59	8.5	2390	3.56	A	2.0+2.0+2.0+4.3+4.3	1.51+1.51+1.51+3.24+3.24	11.0	2460	4.47	A
	15+15+15+35+50	1.5+1.5+1.5+3.5+5.0	.098+0.98+0.98+2.29+3.27	8.5	2390	3.56	A	2.0+2.0+2.0+4.3+6.5	1.31+1.31+1.31+2.82+4.26	11.0	2460	4.47	A
	15+15+15+50+50	1.5+1.5+1.5+5.0+5.0	0.88+0.88+0.88+2.93+2.93	8.5	2390	3.56	A	2.0+2.0+2.0+6.5+6.5	1.16+1.16+1.16+3.76+3.76	11.0	2460	4.47	A
	15+15+18+18+18	1.5+1.5+1.8+1.8+1.8	1.5+1.5+1.8+1.8+1.8	8.4	2180	3.85	A	2.0+2.0+2.5+2.5+2.5	2.19+1.91+2.39+2.39+2.39	11.0	2460	4.47	A
	15+15+18+18+25	1.5+1.5+1.8+1.8+2.5	1.4+1.4+1.68+1.68+2.34	8.5	2490	3.41	A	2.0+2.0+2.5+2.5+3.4	1.77+1.77+2.22+2.22+3.02	11.0	2460	4.47	A
	15+15+18+18+35	1.5+1.5+1.8+1.8+3.5	1.26+1.26+1.51+1.51+2.95	8.5	2390	3.56	A	2.0+2.0+2.5+2.5+4.3	1.65+1.65+2.07+2.07+3.56	11.0	2460	4.47	A
	15+15+18+18+50	1.5+1.5+1.8+1.8+5.0	1.1+1.1+1.32+1.32+3.66	8.5	2390	3.56	A	2.0+2.0+2.5+2.5+6.5	1.42+1.42+1.77+1.77+4.61	11.0	2460	4.47	A
	15+15+18+25+25	1.5+1.5+1.8+2.5+2.5	1.3+1.3+1.56+2.17+2.17	8.5	2390	3.56	A	2.0+2.0+2.5+3.4+3.4	1.65+1.65+2.07+2.81+2.81	11.0	2460	4.47	A
	15+15+18+25+35	1.5+1.5+1.8+2.5+3.5	1.18+1.18+1.42+1.97+2.75	8.5	2390	3.56	A	2.0+2.0+2.5+3.4+4.3	1.55+1.55+1.94+2.63+3.33	11.0	2460	4.47	A
	15+15+18+25+50	1.5+1.5+1.8+2.5+5.0	1.04+1.04+1.24+1.73+3.46	8.5	2390	3.56	A	2.0+2.0+2.5+3.4+6.5	1.34+1.34+1.68+2.28+4.36	11.0	2460	4.47	A
	15+15+18+35+35	1.5+1.5+1.8+3.5+3.5	1.08+1.08+1.3+2.52+2.52	8.5	2390	3.56	A	2.0+2.0+2.5+4.3+4.3	1.46+1.46+1.82+3.13+3.13	11.0	2460	4.47	A
	15+15+18+35+50	1.5+1.5+1.8+3.5+5.0	0.96+0.96+1.15+2.24+3.2	8.5	2390	3.56	A	2.0+2.0+2.5+4.3+6.5	1.27+1.27+1.59+2.73+4.13	11.0	2460	4.47	A
	15+15+18+50+50	1.5+1.5+1.8+5.0+5.0	0.86+0.86+1.03+2.87+2.87	8.5	2390	3.56	A	2.0+2.0+2.5+6.5+6.5	1.13+1.13+1.41+3.67+3.67	11.0	2460	4.47	A
	15+15+25+25+25	1.5+1.5+2.5+2.5+2.5	1.21+1.21+2.02+2.02+2.02	8.5	2390	3.56	A	2.0+2.0+3.4+3.4+3.4	1.55+1.55+2.63+2.63+2.63	11.0	2460	4.47	A
	15+15+25+25+35	1.5+1.5+2.5+2.5+3.5	1.11+1.11+1.85+1.85+2.59	8.5	2390	3.56	A	2.0+2.0+3.4+3.4+4.3	1.46+1.46+2.48+2.48+3.13	11.0	2460	4.47	A
	15+15+25+25+50	1.5+1.5+2.5+2.5+5.0	0.98+0.98+1.63+1.63+3.27	8.5	2390	3.56	A	2.0+2.0+3.4+3.4+6.5	1.27+1.27+2.16+2.16+4.13	11.0	2460	4.47	A
	15+15+25+35+35	1.5+1.5+2.5+3.5+3.5	1.02+1.02+1.7+2.38+2.38	8.5	2390	3.56	A	2.0+2.0+3.4+4.3+4.3	1.38+1.38+2.34+2.96+2.96	11.0	2460	4.47	A
	15+15+25+35+50	1.5+1.5+2.5+3.5+5.0	0.91+0.91+1.52+2.13+3.04	8.5	2390	3.56	A	2.0+2.0+3.4+4.3+6.5	1.21+1.21+2.05+2.6+3.93	11.0	2460	4.47	A
15+15+25+50+50	1.5+1.5+2.5+5.0+5.0	0.82+0.82+1.37+2.74+2.74	8.5	2390	3.56	A	2.0+2.0+3.4+6.5+6.5	1.08+1.08+1.83+3.5+3.5	11.0	2460	4.47	A	
15+15+35+35+35	1.5+1.5+3.5+3.5+3.5	0.94+0.94+2.2+2.2+2.2	8.5	2390	3.56	A	2.0+2.0+4.63+4.3+4.3	1.3+1.3+2.8+2.8+2.8	11.0	2460	4.47	A	
15+15+35+35+50	1.5+1.5+3.5+3.5+5.0	0.85+0.85+1.98+1.98+2.83	8.5	2390	3.56	A	2.0+2.0+4.3+4.3+6.5	1.15+1.15+2.48+2.48+3.74	11.0	2460	4.47	A	
15+18+18+18+18	1.5+1.8+1.8+1.8+1.8	1.47+1.76+1.76+1.76+1.76	8.5	2530	3.36	A	2.0+2.5+2.5+2.5+2.5	1.83+2.29+2.29+2.29+2.29	11.0	2460	4.47	A	
15+18+18+18+25	1.5+1.8+1.8+1.8+2.5	1.36+1.63+1.63+1.63+2.26	8.5	2390	3.56	A	2.0+2.5+2.5+2.5+3.4	1.71+2.13+2.13+2.13+2.9	11.0	2460	4.47	A	
15+18+18+18+35	1.5+1.8+1.8+1.8+3.5	1.23+1.47+1.47+1.47+2.86	8.5	2390	3.56	A	2.0+2.5+2.5+2.5+4.3	1.59+1.99+1.99+1.99+3.43	11.0	2460	4.47	A	
15+18+18+18+50	1.5+1.8+1.8+1.8+5.0	1.07+1.29+1.29+1.29+3.57	8.5	2390	3.56	A	2.0+2.5+2.5+2.5+6.5	1.38+1.72+1.72+1.72+4.47	11.0	2460	4.47	A	
15+18+18+25+25	1.5+1.8+1.8+2.5+2.5	1.26+1.51+1.51+2.1+2.1	8.5	2390	3.56	A	2.0+2.5+2.5+3.4+3.4	1.59+1.99+1.99+2.71+2.71	11.0	2460	4.47	A	

Notes:
 1. Two units must be connected
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-90NP5B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
5 Units	15+18+18+25+35	1.5+1.8+1.8+2.5+3.5	1.15+1.38+1.38+1.91+2.68	8.5	2390	3.56	A	2.0+2.5+2.5+3.4+4.3	1.5+1.87+1.87+2.54+3.22	11.0	2460	4.47	A
	15+18+18+25+50	1.5+1.8+1.8+2.5+5.0	1.01+1.21+1.21+1.69+3.37	8.5	2390	3.56	A	2.0+2.5+2.5+3.4+6.5	1.3+1.63+1.63+2.21+4.23	11.0	2460	4.47	A
	15+18+18+35+35	1.5+1.8+1.8+3.5+3.5	1.05+1.26+1.26+2.46+2.46	8.5	2390	3.56	A	2.0+2.5+2.5+4.3+4.3	1.41+1.76+1.76+3.03+3.03	11.0	2460	4.47	A
	15+18+18+35+50	1.5+1.8+1.8+3.5+5.0	0.94+1.13+1.13+2.19+3.13	8.5	2390	3.56	A	2.0+2.5+2.5+4.3+6.5	1.24+1.54+1.54+2.66+4.02	11.0	2460	4.47	A
	15+18+18+50+50	1.5+1.8+1.8+5.0+5.0	0.84+1.01+1.01+2.81+2.81	8.5	2390	3.56	A	2.0+2.5+2.5+6.5+6.5	1.1+1.38+1.38+3.58+3.58	11.0	2460	4.47	A
	15+18+25+25+25	1.5+1.8+2.5+2.5+2.5	1.18+1.42+1.97+1.97+1.97	8.5	2390	3.56	A	2.0+2.5+3.4+3.4+3.4	1.5+1.87+2.54+2.54+2.54	11.0	2460	4.47	A
	15+18+25+25+35	1.5+1.8+2.5+2.5+3.5	1.08+1.3+1.8+1.8+2.52	8.5	2390	3.56	A	2.0+2.5+3.4+3.4+4.3	1.41+1.76+2.4+2.4+3.03	11.0	2460	4.47	A
	15+18+25+25+50	1.5+1.8+2.5+2.5+5.0	0.96+1.15+1.6+1.6+3.2	8.5	2390	3.56	A	2.0+2.5+3.4+3.4+6.5	1.24+1.54+2.1+2.1+4.02	11.0	2460	4.47	A
	15+18+25+35+35	1.5+1.8+2.5+3.5+3.5	1.0+1.2+1.66+2.32+2.32	8.5	2390	3.56	A	2.0+2.5+3.4+4.3+4.3	1.33+1.67+2.27+2.87+2.87	11.0	2460	4.47	A
	15+18+25+35+50	1.5+1.8+2.5+3.5+5.0	0.89+1.07+1.49+2.08+2.97	8.5	2390	3.56	A	2.0+2.5+3.4+4.3+6.5	1.18+1.47+2.0+2.53+3.82	11.0	2460	4.47	A
	15+18+35+35+35	1.5+1.8+3.5+3.5+3.5	0.92+1.11+2.16+2.16+2.16	8.5	2390	3.56	A	2.0+2.5+4.3+4.3+4.3	1.26+1.58+2.72+2.72+2.72	11.0	2460	4.47	A
	15+18+35+35+50	1.5+1.8+3.5+3.5+5.0	0.83+1.0+1.94+1.94+2.78	8.5	2390	3.56	A	2.0+2.5+4.3+4.3+6.5	1.12+1.4+2.41+2.41+3.65	11.0	2460	4.47	A
	18+18+18+18+18	1.8+1.8+1.8+1.8+1.8	1.7+1.7+1.7+1.7+1.7	8.5	2230	3.81	A	2.5+2.5+2.5+2.5+2.5	2.2+2.2+2.2+2.2+2.2	11.0	2460	4.47	A
	18+18+18+18+25	1.8+1.8+1.8+1.8+2.5	1.58+1.58+1.58+1.58+2.19	8.5	2230	3.81	A	2.5+2.5+2.5+2.5+3.4	2.05+2.05+2.05+2.05+2.79	11.0	2460	4.47	A
	18+18+18+18+35	1.8+1.8+1.8+1.8+3.5	1.43+1.43+1.43+1.43+2.8	8.5	2230	3.81	A	2.5+2.5+2.5+2.5+4.3	1.92+1.92+1.92+1.92+3.33	11.0	2460	4.47	A
	18+18+18+18+50	1.8+1.8+1.8+1.8+5.0	1.25+1.25+1.25+1.25+3.47	8.5	2230	3.81	A	2.5+2.5+2.5+2.5+6.5	1.67+1.67+1.67+1.67+4.32	11.0	2460	4.47	A
	18+18+18+25+25	1.8+1.8+1.8+2.5+2.5	1.47+1.47+1.47+2.04+2.04	8.5	2230	3.81	A	2.5+2.5+2.5+3.4+3.4	1.92+1.92+1.92+2.62+2.62	11.0	2460	4.47	A
	18+18+18+25+35	1.8+1.8+1.8+2.5+3.5	1.34+1.34+1.34+1.86+2.62	8.5	2230	3.81	A	2.5+2.5+2.5+3.4+4.3	1.81+1.81+1.81+2.46+3.12	11.0	2460	4.47	A
	18+18+18+25+50	1.8+1.8+1.8+2.5+5.0	1.19+1.19+1.19+1.65+3.28	8.5	2230	3.81	A	2.5+2.5+2.5+3.4+6.5	1.58+1.58+1.58+2.15+4.1	11.0	2460	4.47	A
	18+18+18+35+35	1.8+1.8+1.8+3.5+3.5	1.22+1.22+1.22+2.41+2.41	8.5	2230	3.81	A	2.5+2.5+2.5+4.3+4.3	1.7+1.7+1.7+2.95+2.95	11.0	2460	4.47	A
	18+18+18+35+50	1.8+1.8+1.8+3.5+5.0	1.1+1.1+1.1+2.14+3.04	8.5	2230	3.81	A	2.5+2.5+2.5+4.3+6.5	1.5+1.5+1.5+2.58+3.89	11.0	2460	4.47	A
	18+18+18+50+50	1.8+1.8+1.8+5.0+5.0	1.0+1.0+1.0+2.75+2.75	8.5	2230	3.81	A	2.5+2.5+2.5+6.5+6.5	1.34+1.34+1.34+3.49+3.49	11.0	2460	4.47	A
	18+18+25+25+25	1.8+1.8+2.5+2.5+2.5	1.39+1.39+1.9+1.9+1.9	8.5	2230	3.81	A	2.5+2.5+3.4+3.4+3.4	1.81+1.81+2.45+2.45+2.45	11.0	2460	4.47	A
	18+18+25+25+35	1.8+1.8+2.5+2.5+3.5	1.26+1.26+1.76+1.76+2.46	8.5	2230	3.81	A	2.5+2.5+3.4+3.4+4.3	1.71+1.71+2.32+2.32+2.94	11.0	2460	4.47	A
	18+18+25+25+50	1.8+1.8+2.5+2.5+5.0	1.13+1.13+1.56+1.56+3.14	8.5	2230	3.81	A	2.5+2.5+3.4+3.4+6.5	1.5+1.5+2.04+2.04+3.92	11.0	2460	4.47	A
	18+18+25+35+35	1.8+1.8+2.5+3.5+3.5	1.17+1.17+1.62+2.27+2.27	8.5	2230	3.81	A	2.5+2.5+3.4+4.3+4.3	1.62+1.62+2.2+2.78+2.78	11.0	2460	4.47	A
	18+18+25+35+50	1.8+1.8+2.5+3.5+5.0	1.05+1.05+1.46+2.04+2.91	8.5	2230	3.81	A	2.5+2.5+3.4+4.3+6.5	1.43+1.43+1.95+2.46+3.72	11.0	2460	4.47	A
	18+18+35+35+35	1.8+1.8+3.5+3.5+3.5	1.11+1.11+2.1+2.1+2.1	8.5	2230	3.81	A	2.5+2.5+4.3+4.3+4.3	1.55+1.55+2.63+2.63+2.63	11.0	2460	4.47	A
	18+25+25+25+25	1.8+2.5+2.5+2.5+2.5	1.29+1.8+1.8+1.8+1.8	8.5	2230	3.81	A	2.5+3.4+3.4+3.4+3.4	1.8+2.3+2.3+2.3+2.3	11.0	2460	4.47	A
	18+25+25+25+35	1.8+2.5+2.5+2.5+3.5	1.19+1.66+1.66+1.66+2.32	8.5	2230	3.81	A	2.5+3.4+3.4+3.4+4.3	1.6+2.2+2.2+2.2+2.8	11.0	2460	4.47	A
	18+25+25+25+50	1.8+2.5+2.5+2.5+5.0	1.08+1.49+1.49+1.49+2.97	8.5	2230	3.81	A	2.5+3.4+3.4+3.4+6.5	1.45+1.95+1.95+1.95+3.7	11.0	2460	4.47	A
	18+25+25+35+35	1.8+2.5+2.5+3.5+3.5	1.12+1.54+1.54+2.16+2.16	8.5	2230	3.81	A	2.5+3.4+3.4+4.3+4.3	1.54+2.09+2.09+2.64+2.64	11.0	2460	4.47	A
	18+25+25+35+50	1.8+2.5+2.5+3.5+5.0	1.0+1.39+1.39+1.94+2.78	8.5	2230	3.81	A	2.5+3.4+3.4+4.3+6.5	1.37+1.86+1.86+2.35+3.56	11.0	2460	4.47	A
	18+25+35+35+35	1.8+2.5+3.5+3.5+3.5	1.03+1.44+2.01+2.01+2.01	8.5	2230	3.81	A	2.5+3.4+4.3+4.3+4.3	1.45+1.99+2.55+2.55+2.55	11.0	2460	4.47	A
	25+25+25+25+25	2.5+2.5+2.5+2.5+2.5	1.7+1.7+1.7+1.7+1.7	8.5	2230	3.81	A	3.4+3.4+3.4+3.4+3.4	2.2+2.2+2.2+2.2+2.2	11.0	2460	4.47	A
	25+25+25+25+35	2.5+2.5+2.5+2.5+3.5	1.57+1.57+1.57+1.57+2.19	8.5	2230	3.81	A	3.4+3.4+3.4+3.4+4.3	2.09+2.09+2.09+2.09+2.64	11.0	2460	4.47	A
	25+25+25+25+50	2.5+2.5+2.5+2.5+5.0	1.42+1.42+1.42+1.42+2.83	8.5	2230	3.81	A	3.4+3.4+3.4+3.4+6.5	1.86+1.86+1.86+1.86+3.56	11.0	2460	4.47	A
	25+25+25+35+35	2.5+2.5+2.5+3.5+3.5	1.48+1.48+1.48+2.04+2.04	8.5	2230	3.81	A	3.4+3.4+3.4+4.3+4.3	2.0+2.0+2.0+2.5+2.5	11.0	2460	4.47	A
	25+25+35+35+35	2.5+2.5+3.5+3.5+3.5	1.39+1.39+1.91+1.91+1.91	8.5	2230	3.81	A	3.4+3.4+4.3+4.3+4.3	1.9+1.9+2.4+2.4+2.4	11.0	2460	4.47	A

Notes:
 1. Two units must be connected
 2. Capacity for single connected unit applies when two units are connected

Combinations

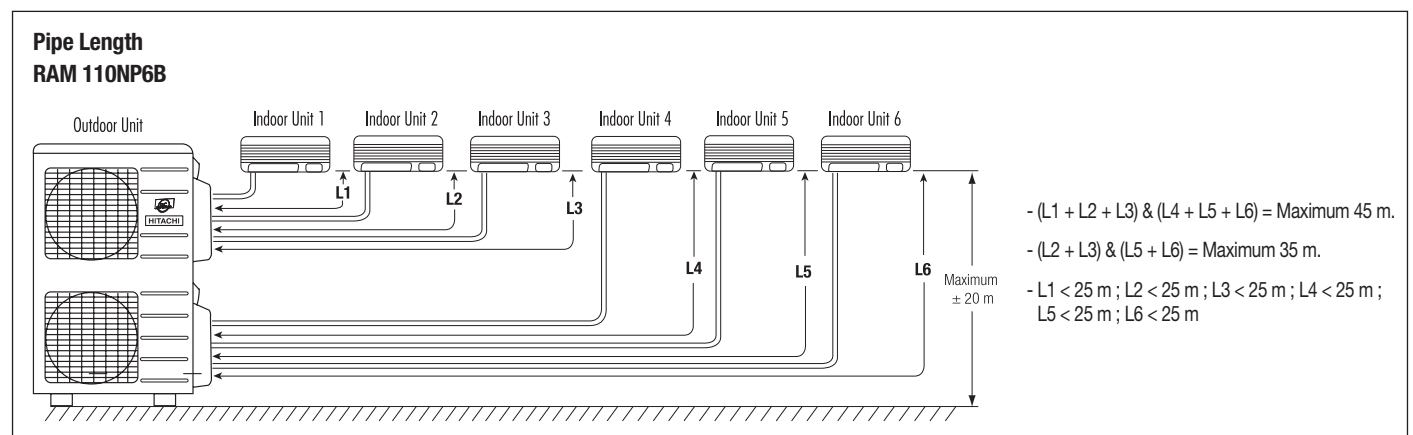
RAM MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
1 Unit	15	1.5	1.5	1.5	430	3.49	A	2.0	2.0	2.0	610	3.28	C
	18	1.8	1.8	1.8	495	3.6	A	2.5	2.5	2.5	690	3.62	A
	25	2.5	2.5	2.5	700	3.57	A	3.9	3.9	3.9	1060	3.68	A
	35	3.5	3.5	3.5	1030	3.40	A	4.8	4.8	4.8	1320	3.64	A
	50	5.0	5.0	5.0	1510	3.31	A	6.5	6.5	6.5	1800	3.61	A
2 Units	15+15	1.5+1.5	1.5+1.5	3.0	920	3.26	A	2.0+2.0	2.0+2.0	4.0	1060	3.77	A
	15+18	1.5+1.8	1.5+1.8	3.3	1020	3.24	A	2.0+2.5	2.0+2.5	4.5	1250	3.60	A
	15+25	1.5+2.5	1.5+2.5	4.0	1180	3.39	A	2.0+3.9	2.0+3.9	5.9	1620	3.64	A
	15+35	1.5+3.5	1.5+3.5	5.0	1480	3.38	A	2.0+4.8	2.0+4.8	6.8	1820	3.74	A
	15+50	1.5+5.0	1.22+4.08	5.3	1600	3.31	A	2.0+6.5	1.6+5.2	6.8	1620	3.74	A
	18+18	1.8+1.8	1.8+1.8	3.6	1080	3.33	A	2.5+2.5	2.5+2.5	5.0	1290	3.88	A
	18+25	1.8+2.5	1.8+2.5	4.3	1280	3.36	A	2.5+3.9	2.5+3.9	6.4	1700	3.76	A
	18+35	1.8+3.5	1.8+3.5	5.3	1600	3.31	A	2.5+4.8	2.23+4.47	6.8	1850	3.68	A
	18+50	1.8+5.0	1.4+3.9	5.3	1600	3.31	A	2.5+6.5	1.8+5.0	6.8	1820	3.74	A
	25+25	2.5+2.5	2.5+2.5	5.0	1470	3.40	A	3.4+3.4	3.4+3.4	6.8	1820	3.74	A
	25+35	2.5+3.5	2.21+3.09	5.3	1600	3.31	A	3.9+4.8	2.83+3.97	6.8	1820	3.74	A
	35+35	3.5+3.5	2.65+2.65	5.3	1600	3.31	A	4.8+4.8	3.4+3.4	6.8	1790	3.80	A
	25+50	2.5+5.0	1.77+3.53	5.3	1600	3.31	A	3.9+6.5	2.55+4.25	6.8	1790	3.80	A
35+50	3.5+5.0	2.18+3.12	5.3	1600	3.31	A	4.8+6.5	2.89+3.91	6.8	1790	3.80	A	

- Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected



Possible refrigerating connections	4 connected indoor units of size:	5 connected indoor units of size:	6 connected indoor units of size:
Connection 1			15 or 18 or 25
Connection 2		15 or 18 or 25 or 35	
Connection 3		18 or 25 or 35 or 50*	
Connection 4			15 or 18 or 25
Connection 5		15 or 18 or 25 or 35	
Connection 6		15 or 18 or 25 or 35 or 50*	

50*: requires the addition of a refrigerating adapter on the indoor unit to pass from 3/8" to 1/2" and to install the indoor unit of size 50.

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
3 Units	15+15+15	1.5+1.5+1.5	1.5+1.5+1.5	4.5	1370	3.28	A	2.0+2.0+2.0	2.0+2.0+2.0	6.0	1680	3.57	B
	15+15+18	1.5+1.5+1.8	1.5+1.5+1.8	4.8	1470	3.27	A	2.0+2.0+2.5	2.0+2.0+2.5	6.5	1740	3.74	A
	15+15+25	1.5+1.5+2.5	1.45+1.45+2.41	5.3	1600	3.31	A	2.0+2.0+3.9	1.72+1.72+3.36	6.8	1800	3.78	A
	15+15+35	1.5+1.5+3.5	1.22+1.22+2.85	5.3	1600	3.31	A	2.0+2.0+4.8	1.55+1.55+3.71	6.8	1800	3.78	A
	15+15+50	1.5+1.5+5.0	0.99+0.99+3.31	5.3	1600	3.31	A	2.0+2.0+6.5	1.3+1.3+4.21	6.8	1800	3.78	A
	15+18+18	1.5+1.8+1.8	1.5+1.8+1.8	5.1	1550	3.29	A	2.0+2.5+2.5	1.94+2.43+2.43	6.8	1800	3.78	A
	15+18+25	1.5+1.8+2.5	1.37+1.64+2.28	5.3	1600	3.31	A	2.0+2.5+3.9	1.62+2.02+3.16	6.8	1800	3.78	A
	15+18+35	1.5+1.8+3.5	1.17+1.4+2.73	5.3	1600	3.31	A	2.0+2.5+4.8	1.46+1.83+3.51	6.8	1800	3.78	A
	15+18+50	1.5+1.8+5.0	0.96+1.15+3.19	5.3	1600	3.31	A	2.0+2.5+6.5	1.24+1.55+4.02	6.8	1800	3.78	A
	15+25+25	1.5+2.5+2.5	1.22+2.04+2.04	5.3	1600	3.31	A	2.0+3.9+3.9	1.39+2.71+2.71	6.8	1800	3.78	A
	15+25+35	1.5+2.5+3.5	1.06+1.77+2.47	5.3	1600	3.31	A	2.0+3.9+4.8	1.27+2.48+3.05	6.8	1800	3.78	A
	15+35+35	1.5+3.5+3.5	0.94+2.18+2.18	5.3	1600	3.31	A	2.0+4.8+4.8	1.17+2.81+2.81	6.8	1800	3.78	A
	18+18+18	1.8+1.8+1.8	1.77+1.77+1.77	5.3	1600	3.31	A	2.5+2.5+2.5	2.27+2.27+2.27	6.8	1800	3.78	A
	18+18+25	1.8+1.8+2.5	1.56+1.56+2.17	5.3	1600	3.31	A	2.5+2.5+3.9	1.91+1.91+2.98	6.8	1800	3.78	A
	18+18+35	1.8+1.8+3.5	1.35+1.34+2.61	5.3	1600	3.31	A	2.5+2.5+4.8	1.73+1.73+3.33	6.8	1800	3.78	A
	18+18+50	1.8+1.8+5.0	1.11+1.11+3.08	5.3	1600	3.31	A	2.5+2.5+6.5	1.48+1.48+3.84	6.8	1800	3.78	A
	18+25+25	1.8+2.5+2.5	1.4+1.95+1.95	5.3	1600	3.31	A	2.5+3.9+3.9	1.65+2.57+2.57	6.8	1800	3.78	A
	18+25+35	1.8+2.5+3.5	1.22+1.7+2.38	5.3	1600	3.31	A	2.5+3.9+4.8	1.52+2.37+2.91	6.8	1800	3.78	A
	18+35+35	1.8+3.5+3.5	1.08+2.11+2.11	5.3	1600	3.31	A	2.5+4.8+4.8	1.4+2.7+2.7	6.8	1800	3.78	A
	25+25+25	2.5+2.5+2.5	1.77+1.77+1.77	5.3	1600	3.31	A	3.9+3.9+3.9	2.27+2.27+2.27	6.8	1800	3.78	A
25+25+35	2.5+2.5+3.5	1.56+1.56+2.18	5.3	1600	3.31	A	3.9+3.9+4.8	2.0+2.0+2.8	6.8	1800	3.78	A	
4 Units	15+15+15+15	1.5+1.5+1.5+1.5	1.5+1.5+1.5+1.5	6.0	1840	3.26	A	2.0+2.0+2.0+2.0	2.0+2.0+2.0+2.0	8.0	2120	3.77	A
	15+15+15+18	1.5+1.5+1.5+1.8	1.5+1.5+1.5+1.8	6.3	1940	3.25	A	2.0+2.0+2.0+2.5	2.0+2.0+2.0+2.5	8.5	2310	3.68	A
	15+15+15+25	1.5+1.5+1.5+2.5	1.5+1.5+1.5+2.5	7.0	2100	3.33	A	2.0+2.0+2.0+3.9	2.0+2.0+2.0+3.9	9.9	2680	3.69	A
	15+15+15+35	1.5+1.5+1.5+3.5	1.5+1.5+1.5+3.5	8.0	2400	3.33	A	2.0+2.0+2.0+4.8	2.0+2.0+2.0+4.8	10.8	2880	3.75	A
	15+15+15+50	1.5+1.5+1.5+5.0	1.5+1.5+1.22+4.08	8.3	2520	3.29	A	2.0+2.0+2.0+6.5	2.0+2.0+1.6+5.2	10.8	2880	3.75	A
	15+15+18+25	1.5+1.5+1.8+2.5	1.5+1.5+1.8+2.5	7.3	2200	3.32	A	2.0+2.0+2.5+3.9	2.0+2.0+2.5+3.9	10.4	2760	3.77	A
	15+15+18+35	1.5+1.5+1.8+3.5	1.5+1.5+1.8+3.5	8.3	2520	3.29	A	2.0+2.0+2.5+4.8	2.0+2.0+2.33+4.47	10.8	2910	3.71	A
	15+15+18+50	1.5+1.5+1.8+5.0	1.5+1.5+1.4+3.9	8.3	2520	3.29	A	2.0+2.0+2.5+6.5	2.0+2.0+1.8+5.0	10.8	2880	3.75	A
	15+15+25+35	1.5+1.5+2.5+3.5	1.5+1.5+2.21+3.09	8.3	2520	3.29	A	2.0+2.5+3.9+3.9	2.0+2.0+2.83+3.97	10.8	2880	3.75	A
	15+15+25+50	1.5+1.5+2.5+5.0	1.5+1.5+1.77+3.53	8.3	2520	3.29	A	2.0+2.0+3.9+6.5	2.0+2.0+2.55+4.25	10.8	2850	3.79	A
	15+15+35+50	1.5+1.5+3.5+5.0	1.5+1.5+2.18+3.12	8.3	2520	3.29	A	2.0+2.0+4.8+6.5	2.0+2.0+2.89+3.91	10.8	2850	3.79	A
	15+18+15+18	1.5+1.8+1.5+1.8	1.5+1.8+1.5+1.8	6.6	2040	3.24	A	2.0+2.5+2.0+2.5	2.0+2.5+2.0+2.5	9.0	2850	3.16	D
	15+18+18+18	1.5+1.8+1.8+1.8	1.5+1.8+1.8+1.8	6.9	2100	3.29	A	2.0+2.5+2.5+2.5	2.0+2.5+2.5+2.5	9.5	2350	4.04	A
	15+18+18+25	1.5+1.8+1.8+2.5	1.5+1.8+1.8+2.5	7.6	2300	3.30	A	2.0+2.5+2.5+3.9	2.0+2.5+2.5+3.9	10.9	2760	3.95	A
	15+18+18+35	1.5+1.8+1.8+3.5	1.5+1.8+1.8+3.5	8.6	2620	3.28	A	2.0+2.5+2.5+4.8	2.0+2.5+2.33+4.47	11.3	2910	3.88	A
	15+18+18+50	1.5+1.8+1.8+5.0	1.5+1.8+1.4+3.9	8.6	2620	3.28	A	2.0+2.5+2.5+6.5	2.0+2.5+1.8+5.0	11.3	2880	3.92	A
	15+18+25+25	1.5+1.8+2.5+2.5	1.5+1.8+2.5+2.5	8.3	2490	3.33	A	2.0+2.5+3.9+3.9	2.0+2.5+3.4+3.4	11.3	2880	3.92	A
	15+18+25+35	1.5+1.8+2.5+3.5	1.5+1.8+2.21+3.09	8.6	2620	3.28	A	2.0+2.5+3.9+4.8	2.0+2.5+2.83+3.97	11.3	2880	3.92	A
	15+18+25+50	1.5+1.8+2.5+5.0	1.5+1.8+1.77+3.53	8.6	2620	3.28	A	2.0+2.5+3.9+6.5	2.0+2.5+2.55+4.25	11.3	2850	3.96	A
	15+18+35+35	1.5+1.8+3.5+3.5	1.5+1.8+2.65+2.65	8.6	2620	3.28	A	2.0+2.5+4.8+4.8	2.0+2.5+3.4+3.4	11.3	2850	3.96	A

Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
4 Units	15+18+35+50	1.5+1.8+3.5+5.0	1.5+1.8+2.18+3.12	8.6	2620	3.28	A	2.0+2.5+4.8+6.5	2.0+2.5+2.89+3.91	11.3	2850	3.96	A
	15+25+15+25	1.5+2.5+1.5+2.5	1.5+2.5+1.5+2.5	8.0	2360	3.39	A	2.0+3.9+2.0+3.9	2.0+3.9+2.0+3.9	11.8	3240	3.64	A
	15+25+25+25	1.5+2.5+2.5+2.5	1.5+2.5+2.5+2.5	9.0	2650	3.40	A	2.0+3.9+3.9+3.9	2.0+3.9+3.4+3.4	12.7	3440	3.69	A
	15+25+25+35	1.5+2.5+2.5+3.5	1.5+2.5+2.21+3.09	9.3	2780	3.35	A	2.0+3.9+3.9+4.8	2.0+3.9+2.83+3.97	12.7	3440	3.69	A
	15+25+25+50	1.5+2.5+2.5+5.0	1.5+2.5+1.77+3.53	9.3	2780	3.35	A	2.0+3.9+3.9+6.5	2.0+3.9+2.55+4.25	12.7	3410	3.72	A
	15+25+35+35	1.5+2.5+3.5+3.5	1.5+2.5+2.65+2.65	9.3	2780	3.35	A	2.0+3.9+4.8+4.8	2.0+3.9+3.4+3.4	12.7	3410	3.72	A
	15+25+35+50	1.5+2.5+3.5+5.0	1.5+2.5+2.18+3.12	9.3	2780	3.35	A	2.0+3.9+4.8+6.5	2.0+3.9+2.89+3.91	12.7	3410	3.72	A
	15+35+15+35	1.5+3.5+1.5+3.5	1.5+3.5+1.5+3.5	10.0	2960	3.38	A	2.0+4.8+2.0+4.8	2.0+4.8+2.0+4.8	13.6	3640	3.74	A
	15+35+35+35	1.5+3.5+3.5+3.5	1.5+3.5+2.65+2.65	10.3	3080	3.34	A	2.0+4.8+4.8+4.8	2.0+4.8+3.4+3.4	13.6	3610	3.77	A
	15+35+35+50	1.5+3.5+3.5+5.0	1.5+3.5+2.08+3.12	10.3	3080	3.34	A	2.0+4.8+4.8+6.5	2.0+4.8+2.89+3.91	13.6	3610	3.77	A
	15+50+15+50	1.5+5.0+1.5+5.0	1.22+4.08+1.22+4.08	10.6	3200	3.31	A	2.0+6.5+2.0+6.5	1.6+5.2+1.6+5.2	13.6	3640	3.74	A
	18+18+18+18	1.8+1.8+1.8+1.8	1.8+1.8+1.8+1.8	7.2	2160	3.33	A	2.5+2.5+2.5+2.5	2.5+2.5+2.5+2.5	10.0	2580	3.88	A
	18+18+18+25	1.8+1.8+1.8+2.5	1.8+1.8+1.8+2.5	7.9	2360	3.35	A	2.5+2.5+2.5+3.9	2.5+2.5+2.5+3.9	11.4	2990	3.81	A
	18+25+18+25	1.8+2.5+1.8+2.5	1.8+2.5+1.8+2.5	8.6	2560	3.36	A	2.5+3.9+2.5+3.9	2.5+3.9+2.5+3.9	12.8	3400	3.76	A
	18+18+18+35	1.8+1.8+1.8+3.5	1.8+1.8+1.8+3.5	8.9	2680	3.32	A	2.5+2.5+2.5+4.8	2.5+2.5+2.33+4.47	11.8	3140	3.76	A
	18+25+18+35	1.8+2.5+1.8+3.5	1.8+2.5+1.8+3.5	9.6	2880	3.33	A	2.5+3.9+2.5+4.8	2.5+3.9+2.33+4.47	13.2	3550	3.72	A
	18+18+18+50	1.8+1.8+1.8+5.0	1.8+1.8+1.4+3.9	8.9	2680	3.32	A	2.5+2.5+2.5+6.5	2.5+2.5+1.8+5.0	11.8	3110	3.79	A
	18+25+18+50	1.8+2.5+1.8+5.0	1.8+2.5+1.4+3.9	9.6	2880	3.33	A	2.5+3.9+2.5+6.5	2.5+3.9+1.8+5.0	13.2	3520	3.75	A
	18+35+18+35	1.8+3.5+1.8+3.5	1.8+3.5+1.8+3.5	10.6	3200	3.31	A	2.5+4.8+2.5+4.8	2.33+4.47+2.33+4.47	13.6	3700	3.68	A
	18+35+18+50	1.8+3.5+1.8+5.0	1.8+3.5+1.4+3.9	10.6	3200	3.31	A	2.5+4.8+2.5+6.5	2.33+4.47+1.8+5.0	13.6	3670	3.71	A
	18+50+18+50	1.8+5.0+1.8+5.0	1.4+3.9+1.4+3.9	10.6	3200	3.31	A	2.5+6.5+2.5+6.5	1.8+5.0+1.8+5.0	13.6	3640	3.74	A
	18+25+25+25	1.8+2.5+2.5+2.5	1.8+2.5+2.5+2.5	9.3	2750	3.38	A	2.5+3.9+3.9+3.9	2.5+3.9+3.4+3.4	13.2	3520	3.75	A
	18+50+25+25	1.8+5.0+2.5+2.5	1.4+3.9+2.5+2.5	10.3	3070	3.36	A	2.5+6.5+3.9+3.9	1.8+5.0+3.4+3.4	13.6	3640	3.74	A
	18+35+25+25	1.8+3.5+2.5+2.5	1.8+3.5+2.5+2.5	10.3	3070	3.36	A	2.5+4.8+3.9+3.9	2.33+4.47+3.4+3.4	13.6	3670	3.71	A
	18+35+25+35	1.8+3.5+2.5+3.5	1.8+3.5+2.21+3.09	10.6	3200	3.31	A	2.5+4.8+3.9+4.8	2.33+4.47+2.83+3.97	13.6	3670	3.71	A
	18+50+25+35	1.8+5.0+2.5+3.5	1.4+3.9+2.21+3.09	10.6	3200	3.31	A	2.5+6.5+3.9+4.8	1.8+5.0+2.83+3.97	13.6	3640	3.74	A
	18+50+25+50	1.8+5.0+2.5+5.0	1.4+3.9+1.77+3.53	10.6	3200	3.31	A	2.5+6.5+3.9+6.5	1.8+5.0+2.55+4.25	13.6	3610	3.77	A
	18+35+35+35	1.8+3.5+3.5+3.5	1.8+3.5+2.65+2.65	10.6	3200	3.31	A	2.5+4.8+4.8+4.8	2.33+4.47+3.4+3.4	13.6	3640	3.74	A
	18+50+35+35	1.8+5.0+3.5+3.5	1.4+3.9+2.65+2.65	10.6	3200	3.31	A	2.5+6.5+4.8+4.8	1.8+5.0+3.4+3.4	13.6	3610	3.77	A
	18+50+35+50	1.8+5.0+3.5+5.0	1.4+3.9+2.18+3.12	10.6	3200	3.31	A	2.5+6.5+4.8+6.5	1.8+5.0+2.89+3.91	13.6	3610	3.77	A
	25+25+25+25	2.5+2.5+2.5+2.5	2.5+2.5+2.5+2.5	10.0	2940	3.40	A	3.4+3.4+3.4+3.4	3.4+3.4+3.4+3.4	13.6	3640	3.74	A
	25+25+25+35	2.5+2.5+2.5+3.5	2.5+2.5+2.21+3.09	10.3	3070	3.36	A	3.4+3.4+3.4+4.8	3.4+3.4+2.83+3.97	13.6	3640	3.74	A
	25+25+25+50	2.5+2.5+2.5+5.0	2.5+2.5+1.77+3.53	10.3	3070	3.36	A	3.4+3.4+3.4+6.5	3.4+3.4+2.55+4.25	13.6	3610	3.77	A
	25+35+25+35	2.5+3.5+2.5+3.5	2.21+3.09+2.21+3.09	10.6	3200	3.31	A	3.4+4.8+3.4+4.8	2.83+3.97+2.83+3.97	13.6	3640	3.74	A
	25+50+25+35	2.5+5.0+2.5+3.5	1.77+3.53+2.21+3.09	10.6	3200	3.31	A	3.4+6.5+3.4+4.8	2.55+4.25+2.83+3.97	13.6	3610	3.77	A
	25+50+25+50	2.5+5.0+2.5+5.0	1.77+3.53+1.77+3.53	10.6	3200	3.31	A	3.4+6.5+3.4+6.5	2.55+4.25+2.55+4.25	13.6	3580	3.80	A
	25+35+35+35	2.5+3.5+3.5+3.5	2.21+3.09+2.65+2.65	10.6	3200	3.31	A	3.4+4.8+4.8+4.8	2.83+3.97+3.4+3.4	13.6	3610	3.77	A
	25+50+35+35	2.5+5.0+3.5+3.5	1.77+3.53+2.65+2.65	10.6	3200	3.31	A	3.5+6.5+4.8+4.8	2.55+4.25+3.4+3.4	13.6	3580	3.80	A
	35+35+35+35	3.5+3.5+3.5+3.5	2.65+2.65+2.65+2.65	10.6	3200	3.31	A	4.8+4.8+4.8+4.8	3.4+3.4+3.4+3.4	13.6	3580	3.80	A
	35+35+35+50	3.5+3.5+3.5+5.0	2.65+2.65+2.18+3.12	10.6	3200	3.31	A	4.8+4.8+4.8+6.5	3.4+3.4+2.89+3.91	13.6	3580	3.80	A
35+50+35+50	3.5+5.0+3.5+5.0	2.18+3.12+2.18+3.12	10.6	3200	3.31	A	4.8+6.5+4.8+6.5	2.89+3.91+2.89+3.91	13.6	3580	3.80	A	

Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
5 Units	15+15+15+15+15	1.5+1.5+1.5+1.5+1.5	1.5+1.5+1.5+1.5+1.5	7.5	2290	3.28	A	2.0+2.0+2.0+2.0+2.0	2.0+2.0+2.0+2.0+2.0	10.0	2740	3.65	A
	15+15+15+15+18	1.5+1.5+1.5+1.5+1.8	1.5+1.5+1.5+1.5+1.8	7.8	2390	3.26	A	2.0+2.0+2.0+2.0+2.5	2.0+2.0+2.0+2.0+2.5	10.5	2800	3.75	A
	15+15+15+15+25	1.5+1.5+1.5+1.5+2.5	1.5+1.5+1.45+1.45+2.41	8.3	2520	3.29	A	2.0+2.0+2.0+2.0+3.9	2.0+2.0+1.72+1.72+3.36	10.8	2860	3.78	A
	15+15+15+15+35	1.5+1.5+1.5+1.5+3.5	1.5+1.5+1.22+1.22+2.85	8.3	2520	3.29	A	2.0+2.0+2.0+2.0+4.8	2.0+2.0+1.55+1.55+3.71	10.8	2860	3.78	A
	15+15+15+15+50	1.5+1.5+1.5+1.5+5.0	1.5+1.5+0.99+0.99+3.31	8.3	2520	3.29	A	2.0+2.0+2.0+2.0+6.5	2.0+2.0+1.3+1.3+4.21	10.8	2860	3.78	A
	15+15+15+18+18	1.5+1.5+1.5+1.8+1.8	1.5+1.5+1.5+1.8+1.8	8.1	2470	3.28	A	2.0+2.0+2.0+2.5+2.5	2.0+2.0+1.94+1.43+2.43	10.8	2860	3.78	A
	15+15+15+18+25	1.5+1.5+1.5+1.8+2.5	1.5+1.5+1.37+1.64+2.28	8.3	2520	3.29	A	2.0+2.0+2.0+2.5+3.9	2.0+2.0+1.62+2.02+3.16	10.8	2860	3.78	A
	15+15+15+18+35	1.5+1.5+1.5+1.8+2.5	1.5+1.5+1.17+1.4+2.73	8.3	2520	3.29	A	2.0+2.0+2.0+2.5+4.8	2.0+2.0+1.46+1.83+3.51	10.8	2860	3.78	A
	15+15+15+18+50	1.5+1.5+1.5+1.8+5.0	1.5+1.5+0.96+1.15+3.19	8.3	2520	3.29	A	2.0+2.0+2.0+2.5+6.5	2.0+2.0+1.24+1.55+4.02	10.8	2860	3.78	A
	15+15+15+25+25	1.5+1.5+1.5+2.5+2.5	1.5+1.5+1.22+2.04+2.04	8.3	2520	3.29	A	2.0+2.0+2.0+3.9+3.9	2.0+2.0+1.39+2.71+2.71	10.8	2860	3.78	A
	15+15+15+25+35	1.5+1.5+1.5+2.5+3.5	1.5+1.5+1.06+1.77+2.47	8.3	2520	3.29	A	2.0+2.0+2.0+3.9+4.8	2.0+2.0+1.27+2.48+3.05	10.8	2860	3.78	A
	15+15+15+35+35	1.5+1.5+1.5+3.5+3.5	1.5+1.5+0.94+2.18+2.18	8.3	2520	3.29	A	2.0+2.0+2.0+4.8+4.8	2.0+2.0+1.17+2.81+2.81	10.8	2860	3.78	A
	15+15+18+18+18	1.5+1.5+1.8+1.8+1.8	1.5+1.5+1.77+1.77+1.77	8.3	2520	3.29	A	2.0+2.0+2.5+2.5+2.5	2.0+2.0+2.27+2.27+2.27	10.8	2860	3.78	A
	15+15+18+18+25	1.5+1.5+1.8+1.8+2.5	1.5+1.5+1.56+1.56+2.17	8.3	2520	3.29	A	2.0+2.0+2.5+2.5+3.9	2.0+2.0+1.91+1.91+2.98	10.8	2860	3.78	A
	15+15+18+18+35	1.5+1.5+1.8+1.8+3.5	1.5+1.5+1.34+1.34+2.61	8.3	2520	3.29	A	2.0+2.0+2.5+2.5+4.8	2.0+2.0+1.73+1.73+3.33	10.8	2860	3.78	A
	15+15+18+18+50	1.5+1.5+1.8+1.8+5.0	1.5+1.5+1.11+1.11+3.08	8.3	2520	3.29	A	2.0+2.0+2.5+2.5+6.5	2.0+2.0+1.48+1.48+3.84	10.8	2860	3.78	A
	15+15+18+25+25	1.5+1.5+1.8+2.5+2.5	1.5+1.5+1.4+1.95+1.95	8.3	2520	3.29	A	2.0+2.0+2.5+3.9+3.9	2.0+2.0+1.65+2.57+2.57	10.8	2860	3.78	A
	15+15+18+25+35	1.5+1.5+1.8+2.5+3.5	1.5+1.5+1.22+1.7+2.38	8.3	2520	3.29	A	2.0+2.0+2.5+3.9+4.8	2.0+2.0+1.52+2.37+2.91	10.8	2860	3.78	A
	15+15+18+35+35	1.5+1.5+1.8+3.5+3.5	1.5+1.5+1.08+2.11+2.11	8.3	2520	3.29	A	2.0+2.0+2.5+4.8+4.8	2.0+2.0+1.4+2.7+2.7	10.8	2860	3.78	A
	15+15+25+25+25	1.5+1.5+2.5+2.5+2.5	1.5+1.5+1.77+1.77+1.77	8.3	2520	3.29	A	2.0+2.0+3.9+3.9+3.9	2.0+2.0+2.27+2.27+2.27	10.8	2860	3.78	A
	15+15+25+25+35	1.5+1.5+2.5+2.5+3.5	1.5+1.5+1.56+1.56+2.18	8.3	2520	3.29	A	2.0+2.0+3.9+3.9+4.8	2.0+2.0+2.0+2.0+2.8	10.8	2860	3.78	A
	15+18+15+15+15	1.5+1.8+1.5+1.5+1.5	1.5+1.8+1.5+1.5+1.5	7.8	2390	3.26	A	2.0+2.5+2.0+2.0+2.0	2.0+2.5+2.0+2.0+2.0	10.5	2930	3.58	B
	15+18+15+15+18	1.5+1.8+1.5+1.5+1.8	1.5+1.8+1.5+1.5+1.8	8.1	2490	3.25	A	2.0+2.5+2.0+2.0+2.5	2.0+2.5+2.0+2.0+2.5	11.0	2990	3.68	A
	15+18+15+15+25	1.5+1.8+1.5+1.5+2.5	1.5+1.8+1.45+1.45+2.41	8.6	2620	3.28	A	2.0+2.5+2.0+2.0+3.9	2.0+2.5+1.72+1.72+3.36	11.3	3050	3.70	A
	15+18+15+15+35	1.5+1.8+1.5+1.5+3.5	1.5+1.8+1.22+1.22+2.85	8.6	2620	3.28	A	2.0+2.5+2.0+2.0+4.8	2.0+2.5+1.55+1.55+3.71	11.3	3050	3.70	A
	15+18+15+15+50	1.5+1.8+1.5+1.5+5.0	1.5+1.8+0.99+0.99+3.31	8.6	2620	3.28	A	2.0+2.5+2.0+2.0+6.5	2.0+2.5+1.3+1.3+4.21	11.3	3050	3.70	A
	15+18+15+18+18	1.5+1.8+1.5+1.8+1.8	1.5+1.8+1.5+1.8+1.8	8.4	2570	3.27	A	2.0+2.5+2.0+2.5+2.5	2.0+2.5+1.94+2.43+2.43	11.3	3050	3.70	A
	15+18+15+18+25	1.5+1.8+1.5+1.8+2.5	1.5+1.8+1.37+1.64+2.28	8.6	2620	3.28	A	2.0+2.5+2.0+2.5+3.9	2.0+2.5+1.62+2.02+3.16	11.3	3050	3.70	A
	15+18+15+18+35	1.5+1.8+1.5+1.8+3.5	1.5+1.8+1.17+1.4+2.73	8.6	2620	3.28	A	2.0+2.5+2.0+2.5+4.8	2.0+2.5+1.46+1.83+3.51	11.3	3050	3.70	A
	15+18+15+18+50	1.5+1.8+1.5+1.8+5.0	1.5+1.8+0.96+1.15+3.19	8.6	2620	3.28	A	2.0+2.5+2.0+2.5+6.5	2.0+2.5+1.24+1.55+4.02	11.3	3050	3.70	A
	15+18+15+25+25	1.5+1.8+1.5+2.5+2.5	1.5+1.8+1.22+2.04+2.04	8.6	2620	3.28	A	2.0+2.5+2.0+3.9+3.9	2.0+2.5+1.39+2.71+2.71	11.3	3050	3.70	A
	15+18+15+25+35	1.5+1.8+1.5+2.5+3.5	1.5+1.8+1.06+1.77+2.47	8.6	2620	3.28	A	2.0+2.5+2.0+3.9+4.8	2.0+2.5+1.27+2.48+3.05	11.3	3050	3.70	A
	15+18+15+35+35	1.5+1.8+1.5+3.5+3.5	1.5+1.8+0.94+2.18+2.18	8.6	2620	3.28	A	2.0+2.5+2.0+4.8+4.8	2.0+2.5+1.17+2.81+2.81	11.3	3050	3.70	A
	15+18+18+18+18	1.5+1.8+1.8+1.8+1.8	1.5+1.8+1.77+1.77+1.77	8.6	2620	3.28	A	2.0+2.5+2.5+2.5+2.5	2.0+2.5+2.27+2.27+2.27	11.3	3050	3.70	A
	15+18+18+18+25	1.5+1.8+1.8+1.8+2.5	1.5+1.8+1.56+1.56+2.17	8.6	2620	3.28	A	2.0+2.5+2.5+2.5+3.9	2.0+2.5+1.91+1.91+2.98	11.3	3050	3.70	A
	15+18+18+18+35	1.5+1.8+1.8+1.8+3.5	1.5+1.8+1.34+1.34+2.61	8.6	2620	3.28	A	2.0+2.5+2.5+2.5+4.8	2.0+2.5+1.73+1.73+3.33	11.3	3050	3.70	A
	15+18+18+18+50	1.5+1.8+1.8+1.8+5.0	1.5+1.8+1.11+1.11+3.08	8.6	2620	3.28	A	2.0+2.5+2.5+2.5+6.5	2.0+2.5+1.48+1.48+3.84	11.3	3050	3.70	A
	15+18+18+25+25	1.5+1.8+1.8+2.5+2.5	1.5+1.8+1.4+1.95+1.95	8.6	2620	3.28	A	2.0+2.5+2.5+3.9+3.9	2.0+2.5+1.65+2.57+2.57	11.3	3050	3.70	A
	15+18+18+25+35	1.5+1.8+1.8+2.5+3.5	1.5+1.8+1.22+1.7+2.38	8.6	2620	3.28	A	2.0+2.5+2.5+3.9+4.8	2.0+2.5+1.52+2.37+2.91	11.3	3050	3.70	A
	15+18+18+35+35	1.5+1.8+1.8+3.5+3.5	1.5+1.8+1.08+2.11+2.11	8.6	2620	3.28	A	2.0+2.5+2.5+4.8+4.8	2.0+2.5+1.4+2.7+2.7	11.3	3050	3.70	A
	15+18+25+25+25	1.5+1.8+2.5+2.5+2.5	1.5+1.8+1.77+1.77+1.77	8.6	2620	3.28	A	2.0+2.5+3.9+3.9+3.9	2.0+2.5+2.27+2.27+2.27	11.3	3050	3.70	A

Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

	COOLING MODE							HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
5 Units	15+18+25+25+35	1.5+1.8+2.5+2.5+3.5	1.5+1.8+1.56+1.56+2.18	8.6	2620	3.28	A	2.0+2.5+3.9+3.9+4.8	2.0+2.5+2.0+2.0+2.8	11.3	3050	3.70	A
	15+25+15+15+15	1.5+2.5+1.5+1.5+1.5	1.5+2.5+1.5+1.5+1.5	8.5	2550	3.33	A	2.0+3.9+2.0+2.0+2.0	2.0+3.9+2.0+2.0+2.0	11.9	3300	3.61	A
	15+25+15+15+18	1.5+2.5+1.5+1.5+1.8	1.5+2.5+1.5+1.5+1.8	8.8	2650	3.32	A	2.0+3.9+2.0+2.0+2.5	2.0+3.9+2.0+2.0+2.5	12.4	3360	3.69	A
	15+25+15+15+25	1.5+2.5+1.5+1.5+2.5	1.5+2.5+1.45+1.45+2.41	9.3	2780	3.35	A	2.0+3.9+2.0+2.0+3.9	2.0+3.9+1.72+1.72+3.36	12.7	3420	3.71	A
	15+25+15+15+35	1.5+2.5+1.5+1.5+3.5	1.5+2.5+1.22+1.22+2.85	9.3	2780	3.35	A	2.0+3.9+2.0+2.0+4.8	2.0+3.9+1.55+1.55+3.71	12.7	3420	3.71	A
	15+25+15+15+50	1.5+2.5+1.5+1.5+5.0	1.5+2.5+0.99+0.99+3.31	9.3	2780	3.35	A	2.0+3.9+2.0+2.0+6.5	2.0+3.9+1.3+1.3+4.21	12.7	3420	3.71	A
	15+25+15+18+18	1.5+2.5+1.5+1.8+1.8	1.5+2.5+1.5+1.8+1.8	9.1	2730	3.33	A	2.0+3.9+2.0+2.5+2.5	2.0+3.9+1.94+2.43+2.43	12.7	3420	3.71	A
	15+25+15+18+25	1.5+2.5+1.5+1.8+2.5	1.5+2.5+1.37+1.64+2.28	9.3	2780	3.35	A	2.0+3.9+2.0+2.5+3.9	2.0+3.9+1.62+2.02+3.16+	12.7	3420	3.71	A
	15+25+15+18+35	1.5+2.5+1.5+1.8+3.5	1.5+2.5+1.17+1.4+2.73	9.3	2780	3.35	A	2.0+3.9+2.0+2.5+4.8	2.0+3.9+1.46+1.83+3.51	12.7	3420	3.71	A
	15+25+15+18+50	1.5+2.5+1.5+1.8+5.0	1.5+2.5+0.96+1.15+3.19	9.3	2780	3.35	A	2.0+3.9+2.0+2.5+6.5	2.0+3.9+1.24+1.55+4.02	12.7	3420	3.71	A
	15+25+15+25+25	1.5+2.5+1.5+2.5+2.5	1.5+2.5+1.22+2.04+2.04	9.3	2780	3.35	A	2.0+3.9+2.0+3.9+3.9	2.0+3.9+1.39+2.71+2.71	12.7	3420	3.71	A
	15+25+15+25+35	1.5+2.5+1.5+2.5+3.5	1.5+2.5+1.06+1.77+2.47	9.3	2780	3.35	A	2.0+3.9+2.0+3.9+4.8	2.0+3.9+1.27+2.48+3.05	12.7	3420	3.71	A
	15+25+15+35+35	1.5+2.5+1.5+3.5+3.5	1.5+2.5+0.94+2.18+2.18	9.3	2780	3.35	A	2.0+3.9+2.0+4.8+4.8	2.0+3.9+1.17+2.81+2.81	12.7	3420	3.71	A
	15+25+18+18+18	1.5+2.5+1.8+1.8+1.8	1.5+2.5+1.77+1.77+1.77	9.3	2780	3.35	A	2.0+3.9+2.5+2.5+2.5	2.0+3.9+2.27+2.27+2.27	12.7	3420	3.71	A
	15+25+18+18+25	1.5+2.5+1.8+1.8+2.5	1.5+2.5+1.56+1.56+2.17	9.3	2780	3.35	A	2.0+3.9+2.5+2.5+3.9	2.0+3.9+1.91+1.91+2.98	12.7	3420	3.71	A
	15+25+18+18+35	1.5+2.5+1.8+1.8+3.5	1.5+2.5+1.34+1.34+2.61	9.3	2780	3.35	A	2.0+2.5+2.5+2.5+4.8	2.0+2.5+1.73+1.73+3.33	12.7	3420	3.71	A
	15+25+18+18+50	1.5+2.5+1.8+1.8+5.0	1.5+2.5+1.11+1.11+3.08	9.3	2780	3.35	A	2.0+3.9+2.5+2.5+6.5	2.0+3.9+1.48+1.48+3.84	12.7	3420	3.71	A
	15+25+18+25+25	1.5+2.5+1.8+2.5+2.5	1.5+2.5+1.4+1.95+1.95	9.3	2780	3.35	A	2.0+3.9+2.5+3.9+3.9	2.0+3.9+1.65+2.57+2.57	12.7	3420	3.71	A
	15+25+18+25+35	1.5+2.5+1.8+2.5+3.5	1.5+2.5+1.22+1.7+2.38	9.3	2780	3.35	A	2.0+3.9+2.5+3.9+4.8	2.0+3.9+1.52+2.37+2.91	12.7	3420	3.71	A
	15+25+18+35+35	1.5+2.5+1.8+3.5+3.5	1.5+2.5+1.08+2.11+2.11	9.3	2780	3.35	A	2.0+3.9+2.5+4.8+4.8	2.0+3.9+1.4+2.7+2.7	12.7	3420	3.71	A
	15+25+25+25+25	1.5+2.5+2.5+2.5+2.5	1.5+2.5+1.77+1.77+1.77	9.3	2780	3.35	A	2.0+3.9+3.9+3.9+3.9	2.0+3.9+2.27+2.27+2.27	12.7	3420	3.71	A
	15+25+25+25+35	1.5+2.5+2.5+2.5+3.5	1.5+2.5+1.56+1.56+2.18	9.3	2780	3.35	A	2.0+3.9+3.9+3.9+4.8	2.0+3.9+2.0+2.0+2.8	12.7	3420	3.71	A
	15+35+15+15+15	1.5+3.5+1.5+1.5+1.5	1.5+3.5+1.5+1.5+1.5	9.5	2850	3.33	A	2.0+4.8+2.0+2.0+2.0	2.0+4.8+2.0+2.0+2.0	12.8	3500	3.66	A
	15+35+15+15+18	1.5+3.5+1.5+1.5+1.8	1.5+3.5+1.5+1.5+1.8	9.8	2950	3.32	A	2.0+4.8+2.0+2.0+2.5	2.0+4.8+2.0+2.0+2.5	13.3	3560	3.74	A
	15+35+15+15+25	1.5+3.5+1.5+1.5+2.5	1.5+3.5+1.45+1.45+2.41	10.3	3080	3.34	A	2.0+4.8+2.0+2.0+3.9	2.0+4.8+1.72+1.72+3.36	13.6	3620	3.76	A
	15+35+15+15+35	1.5+3.5+1.5+1.5+3.5	1.5+3.5+1.22+1.22+2.85	10.3	3080	3.34	A	2.0+4.8+2.0+2.0+4.8	2.0+4.8+1.55+1.55+3.71	13.6	3620	3.76	A
	15+35+15+15+50	1.5+3.5+1.5+1.5+5.0	1.5+3.5+0.99+0.99+3.31	10.3	3080	3.34	A	2.0+4.8+2.0+2.0+6.5	2.0+4.8+1.3+1.3+4.21	13.6	3620	3.76	A
	15+35+15+18+18	1.5+3.5+1.5+1.8+1.8	1.5+3.5+1.5+1.8+1.8	10.1	3030	3.33	A	2.0+4.8+2.0+2.5+2.5	2.0+4.8+1.94+2.43+2.43	13.6	3620	3.76	A
	15+35+15+18+25	1.5+3.5+1.5+1.8+2.5	1.5+3.5+1.37+1.64+2.28	10.3	3080	3.34	A	2.0+4.8+2.0+2.5+3.9	2.0+4.8+1.62+2.02+3.16	13.6	3620	3.76	A
	15+35+15+18+35	1.5+3.5+1.5+1.8+3.5	1.5+3.5+1.17+1.4+2.73	10.3	3080	3.34	A	2.0+4.8+2.0+2.5+4.8	2.0+4.8+1.46+1.83+3.51	13.6	3620	3.76	A
	15+35+15+18+50	1.5+3.5+1.5+1.8+5.0	1.5+3.5+0.96+1.15+3.19	10.3	3080	3.34	A	2.0+4.8+2.0+2.5+6.5	2.0+4.8+1.24+1.55+4.02	13.6	3620	3.76	A
	15+35+15+25+25	1.5+3.5+1.5+2.5+2.5	1.5+3.5+1.22+2.04+2.04	10.3	3080	3.34	A	2.0+4.8+2.0+3.9+3.9	2.0+4.8+1.39+2.71+2.71	13.6	3620	3.76	A
	15+35+15+25+35	1.5+3.5+1.5+2.5+3.5	1.5+3.5+1.06+1.77+2.47	10.3	3080	3.34	A	2.0+4.8+2.0+3.9+4.8	2.0+4.8+1.27+2.48+3.05	13.6	3620	3.76	A
	15+35+15+35+35	1.5+3.5+1.5+3.5+3.5	1.5+3.5+0.94+2.18+2.18	10.3	3080	3.34	A	2.0+4.8+2.0+4.8+4.8	2.0+4.8+1.17+2.81+2.81	13.6	3620	3.76	A
	15+35+18+18+18	1.5+3.5+1.8+1.8+1.8	1.5+3.5+1.77+1.77+1.77	10.3	3080	3.34	A	2.0+4.8+2.5+2.5+2.5	2.0+4.8+2.27+2.27+2.27	13.6	3620	3.76	A
	15+35+18+18+25	1.5+3.5+1.8+1.8+2.5	1.5+3.5+1.56+1.56+2.17	10.3	3080	3.34	A	2.0+4.8+2.5+2.5+3.9	2.0+4.8+1.91+1.91+2.98	13.6	3620	3.76	A
	15+35+18+18+35	1.5+3.5+1.8+1.8+3.5	1.5+3.5+1.34+1.34+2.61	10.3	3080	3.34	A	2.0+4.8+2.5+2.5+4.8	2.0+4.8+1.73+1.73+3.33	13.6	3620	3.76	A
	15+35+18+18+50	1.5+3.5+1.8+1.8+5.0	1.5+3.5+1.11+1.11+3.08	10.3	3080	3.34	A	2.0+4.8+2.5+2.5+6.5	2.0+4.8+1.48+1.48+3.84	13.6	3620	3.76	A
	15+35+18+25+25	1.5+3.5+1.8+2.5+2.5	1.5+3.5+1.4+1.95+1.95	10.3	3080	3.34	A	2.0+4.8+2.5+3.9+3.9	2.0+4.8+1.65+2.57+2.57	13.6	3620	3.76	A
	15+35+18+25+35	1.5+3.5+1.8+2.5+3.5	1.5+3.5+1.22+1.7+2.38	10.3	3080	3.34	A	2.0+4.8+2.5+3.9+4.8	2.0+4.8+1.52+2.37+2.91	13.6	3620	3.76	A
	15+35+18+35+35	1.5+3.5+1.8+3.5+3.5	1.5+3.5+1.08+2.11+2.11	10.3	3080	3.34	A	2.0+4.8+2.5+4.8+4.8	2.0+4.8+1.4+2.7+2.7	13.6	3620	3.76	A
	15+35+25+25+25	1.5+3.5+2.5+2.5+2.5	1.5+3.5+1.77+1.77+1.77	10.3	3080	3.34	A	2.0+4.8+3.9+3.9+3.9	2.0+4.8+2.27+2.27+2.27	13.6	3620	3.76	A
	15+35+25+25+35	1.5+3.5+2.5+2.5+3.5	1.5+3.5+1.56+1.56+2.18	10.3	3080	3.34	A	2.0+4.8+3.9+3.9+4.8	2.0+4.8+2.0+2.0+2.8	13.6	3620	3.76	A
	15+50+15+15+15	1.5+5.0+1.5+1.5+1.5	1.22+4.08+1.5+1.5+1.5	9.8	2970	3.30	A	2.0+6.5+2.0+2.0+2.0	1.6+5.2+2.0+2.0+2.0	12.8	3500	3.66	A
	15+50+15+15+18	1.5+5.0+1.5+1.5+1.8	1.22+4.08+1.5+1.5+1.8	10.1	3070	3.29	A	2.0+6.5+2.0+2.0+2.5	1.6+5.2+2.0+2.0+2.5	13.3	3560	3.74	A
15+50+15+15+25	1.5+5.0+1.5+1.5+2.5	1.22+4.08+1.45+1.45+2.41	10.6	3200	3.31	A	2.0+6.5+2.0+2.0+3.9	1.6+5.2+1.72+1.72+3.36	13.6	3620	3.76	A	
15+50+15+15+35	1.5+5.0+1.5+1.5+3.5	1.22+4.08+1.22+1.22+2.85	10.6	3200	3.31	A	2.0+6.5+2.0+2.0+4.8	1.6+5.2+1.55+1.55+3.71	13.6	3620	3.76	A	

Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

	COOLING MODE								HEATING MODE					
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class	
5 Units	15+50+15+15+50	1.5+5.0+1.5+1.5+5.0	1.22+4.08+0.99+0.99+3.31	10.6	3200	3.31	A	2.0+6.5+2.0+2.0+6.5	1.6+5.2+1.3+1.3+4.21	13.6	3620	3.76	A	
	15+50+15+18+18	1.5+5.0+1.5+1.8+1.8	1.22+4.08+1.5+1.8+1.8	10.4	3150	3.30	A	2.0+6.5+2.0+2.5+2.5	1.6+5.2+1.94+2.43+2.43	13.6	3620	3.76	A	
	15+50+15+18+25	1.5+5.0+1.5+1.8+2.5	1.22+4.08+1.37+1.64+2.28	10.6	3200	3.31	A	2.0+6.5+2.0+2.5+3.9	1.6+5.2+1.62+2.02+3.16	13.6	3620	3.76	A	
	15+50+15+18+35	1.5+5.0+1.5+1.8+3.5	1.22+4.08+1.17+1.4+2.73	10.6	3200	3.31	A	2.0+6.5+2.0+2.5+4.8	1.6+5.2+1.46+1.83+3.51	13.6	3620	3.76	A	
	15+50+15+18+50	1.5+5.0+1.5+1.8+5.0	1.22+4.08+0.96+1.15+3.19	10.6	3200	3.31	A	2.0+6.5+2.0+2.5+6.5	1.6+5.2+1.24+1.55+4.02	13.6	3620	3.76	A	
	15+50+15+25+25	1.5+5.0+1.5+2.5+2.5	1.22+4.08+1.22+2.04+2.04	10.6	3200	3.31	A	2.0+6.5+2.0+3.9+3.9	1.6+5.2+1.39+2.71+2.71	13.6	3620	3.76	A	
	15+50+15+25+35	1.5+5.0+1.5+2.5+3.5	1.22+4.08+1.06+1.77+2.47	10.6	3200	3.31	A	2.0+6.5+2.0+3.9+4.8	1.6+5.2+1.27+2.48+3.05	13.6	3620	3.76	A	
	15+50+15+35+35	1.5+5.0+1.5+3.5+3.5	1.22+4.08+0.94+2.18+2.18	10.6	3200	3.31	A	2.0+6.5+2.0+4.8+4.8	1.6+5.2+1.17+2.81+2.81	13.6	3620	3.76	A	
	15+50+18+18+18	1.5+5.0+1.8+1.8+1.8	1.22+4.08+1.77+1.77+1.77	10.6	3200	3.31	A	2.0+6.5+2.5+2.5+2.5	1.6+5.2+2.27+2.27+2.27	13.6	3620	3.76	A	
	15+50+18+18+25	1.5+5.0+1.8+1.8+2.5	1.22+4.08+1.56+1.56+2.17	10.6	3200	3.31	A	2.0+6.5+2.5+2.5+3.9	1.6+5.2+1.91+1.91+2.98	13.6	3620	3.76	A	
	15+50+18+18+35	1.5+5.0+1.8+1.8+3.5	1.22+4.08+1.34+1.34+2.61	10.6	3200	3.31	A	2.0+6.5+2.5+2.5+4.8	1.6+5.2+1.73+1.73+3.33	13.6	3620	3.76	A	
	15+50+18+18+50	1.5+5.0+1.8+1.8+5.0	1.22+4.08+1.11+1.11+3.08	10.6	3200	3.31	A	2.0+6.5+2.5+2.5+6.5	1.6+5.2+1.48+1.48+3.84	13.6	3620	3.76	A	
	15+50+18+25+25	1.5+5.0+1.8+2.5+2.5	1.22+4.08+1.4+1.95+1.95+	10.6	3200	3.31	A	2.0+6.5+2.5+3.9+3.9	1.6+5.2+1.65+2.57+2.57	13.6	3620	3.76	A	
	15+50+18+25+35	1.5+5.0+1.8+2.5+3.5	1.22+4.08+1.22+1.7+2.38	10.6	3200	3.31	A	2.0+6.5+2.5+3.9+4.8	1.6+5.2+1.52+2.37+2.91	13.6	3620	3.76	A	
	15+50+18+35+35	1.5+5.0+1.8+3.5+3.5	1.22+4.08+1.08+2.11+2.11	10.6	3200	3.31	A	2.0+6.5+2.5+4.8+4.8	1.6+5.2+1.4+2.7+2.7	13.6	3620	3.76	A	
	15+50+25+25+25	1.5+5.0+2.5+2.5+2.5	1.22+4.08+1.77+1.77+1.77	10.6	3200	3.31	A	2.0+6.5+3.9+3.9+3.9	1.6+5.2+2.27+2.27+2.27	13.6	3620	3.76	A	
	15+50+25+25+35	1.5+5.0+2.5+2.5+3.5	1.22+4.08+1.56+1.56+2.18	10.6	3200	3.31	A	2.0+6.5+3.9+3.9+4.8	1.6+5.2+2.0+2.0+2.8	13.6	3620	3.76	A	
	18+18+18+18+18	1.8+1.8+1.8+1.8+1.8	1.8+1.8+1.77+1.77+1.77	8.9	2680	3.32	A	2.5+2.5+2.5+2.5+2.5	2.5+2.5+2.27+2.27+2.27	11.8	3090	3.82	A	
	18+18+18+18+25	1.8+1.8+1.8+1.8+2.5	1.8+1.8+1.56+1.56+2.17	8.9	2680	3.32	A	2.5+2.5+2.5+2.5+3.9	2.5+2.5+1.91+1.91+2.98	11.8	3090	3.82	A	
	18+35+18+18+18	1.8+3.5+1.8+1.8+1.8	1.8+3.5+1.77+1.77+1.77	10.6	3200	3.31	A	2.5+4.8+2.5+2.5+2.5	2.33+4.47+2.27+2.27+2.27	13.6	3650	3.73	A	
	18+50+18+18+18	1.8+5.0+1.8+1.8+1.8	1.4+3.9+1.77+1.77+1.77	10.6	3200	3.31	A	2.5+6.5+2.5+2.5+2.5	1.8+5.0+2.27+2.27+2.27	13.6	3620	3.76	A	
	18+25+18+18+25	1.8+2.5+1.8+1.8+2.5	1.8+2.5+1.56+1.56+2.17	9.6	2880	3.33	A	2.5+3.9+2.5+2.5+3.9	2.5+3.9+1.91+1.91+2.98	13.2	3500	3.77	A	
	18+35+18+18+25	1.8+3.5+1.8+1.8+2.5	1.8+3.5+1.56+1.56+2.17	10.6	3200	3.31	A	2.5+4.8+2.5+2.5+3.9	2.33+4.47+1.91+1.91+2.98	13.6	3650	3.73	A	
	18+50+18+18+25	1.8+5.0+1.8+1.8+2.5	1.4+3.9+1.56+1.56+2.17	10.6	3200	3.31	A	2.5+6.5+2.5+2.5+3.9	1.8+5.0+1.91+1.91+2.98	13.6	3620	3.76	A	
	18+35+18+18+35	1.8+3.5+1.8+1.8+3.5	1.8+3.5+1.34+1.34+2.61	10.6	3200	3.31	A	2.5+4.8+2.5+2.5+4.8	2.33+4.47+1.73+1.73+3.33	13.6	3650	3.73	A	
	18+50+18+18+35	1.8+5.0+1.8+1.8+3.5	1.4+3.9+1.34+1.34+2.61	10.6	3200	3.31	A	2.5+6.5+2.5+2.5+4.8	1.8+5.0+1.73+1.73+3.33	13.6	3620	3.76	A	
	18+50+18+18+50	1.8+5.0+1.8+1.8+5.0	1.4+3.9+1.11+1.11+3.08	10.6	3200	3.31	A	2.5+6.5+2.5+2.5+6.5	1.8+5.0+1.48+1.48+3.84	13.6	3620	3.76	A	
	25+25+18+18+25	2.5+2.5+1.8+1.8+2.5	2.5+2.5+1.56+1.56+2.17	10.3	3070	3.36	A	3.9+3.9+2.5+2.5+3.9	3.4+3.4+1.91+1.91+2.98	13.6	3620	3.76	A	
	25+35+18+18+25	2.5+3.5+1.8+1.8+2.5	2.21+3.09+1.56+1.56+2.17	10.6	3200	3.31	A	3.9+4.8+2.5+2.5+3.9	2.83+3.97+1.91+1.91+2.98	13.6	3620	3.76	A	
	18+50+18+25+25	1.8+5.0+1.8+2.5+2.5	1.4+3.9+1.4+1.95+1.95	10.6	3200	3.31	A	2.5+6.5+2.5+3.9+3.9	1.8+5.0+1.65+2.57+2.57	13.6	3620	3.76	A	
	35+35+18+18+25	3.5+3.5+1.8+1.8+2.5	2.65+2.65+1.56+1.56+2.17	10.6	3200	3.31	A	4.8+4.8+2.5+2.5+3.9	3.4+3.4+1.91+1.91+2.98	13.6	3590	3.79	A	
	18+50+18+25+35	1.8+5.0+1.8+2.5+3.5	1.4+3.9+1.22+1.7+2.38	10.6	3200	3.31	A	2.5+6.5+2.5+3.9+4.8	1.8+5.0+1.52+2.37+2.91	13.6	3620	3.76	A	
	35+35+18+18+35	3.5+3.5+1.8+1.8+3.5	2.65+2.65+1.34+1.34+2.61	10.6	3200	3.31	A	4.8+4.8+2.5+2.5+4.8	3.4+3.4+1.73+1.73+3.33	13.6	3590	3.79	A	
	25+25+18+25+25	2.5+2.5+1.8+2.5+2.5	2.5+2.5+1.4+1.95+1.95	10.3	3070	3.36	A	3.9+3.9+2.5+3.9+3.9	3.4+3.4+1.65+2.57+2.57	13.6	3620	3.76	A	
	25+35+18+25+25	2.5+3.5+1.8+2.5+2.5	2.21+3.09+1.4+1.95+1.95	10.6	3200	3.31	A	3.9+3.9+2.5+3.9+3.9	2.83+3.97+1.65+2.57+2.57	13.6	3620	3.76	A	
	18+50+25+25+25	1.8+5.0+2.5+2.5+2.5	1.4+3.9+1.77+1.77+1.77	10.6	3200	3.31	A	2.5+6.5+3.9+3.9+3.9	1.8+5.0+2.27+2.27+2.27	13.6	3620	3.76	A	
	35+35+18+25+25	3.5+3.5+1.8+2.5+2.5	2.65+2.65+1.4+1.95+1.95	10.6	3200	3.31	A	4.8+4.8+2.5+3.9+3.9	3.4+3.4+1.65+2.57+2.57	13.6	3590	3.79	A	
	25+50+18+25+35	2.5+5.0+1.8+2.5+3.5	1.77+3.53+1.22+1.7+2.38	10.6	3200	3.31	A	3.9+6.5+2.5+3.9+4.8	2.55+4.25+1.52+2.37+2.91	13.6	3590	3.79	A	
	35+35+18+25+35	3.5+3.5+1.8+2.5+3.5	2.65+2.65+1.22+1.7+2.38	10.6	3200	3.31	A	4.8+4.8+2.5+3.9+4.8	3.4+3.4+1.52+2.37+2.91	13.6	3590	3.79	A	
	35+35+18+35+35	3.5+3.5+1.8+3.5+3.5	2.65+2.65+1.08+2.11+2.11	10.6	3200	3.31	A	4.8+4.8+2.5+4.8+4.8	3.4+3.4+1.4+2.7+2.7	13.6	3590	3.79	A	
25+25+25+25+25	2.5+2.5+2.5+2.5+2.5	2.5+2.5+1.77+1.77+1.77	10.3	3070	3.36	A	3.9+3.9+3.9+3.9+3.9	3.4+3.4+2.27+2.27+2.27	13.6	3620	3.76	A		
25+35+25+25+25	2.5+3.5+2.5+2.5+2.5	2.21+3.09+1.77+1.77+1.77	10.6	3200	3.31	A	3.9+4.8+3.9+3.9+3.9	2.83+3.97+2.27+2.27+2.27	13.6	3620	3.76	A		
25+50+25+25+25	2.5+5.0+2.5+2.5+2.5	1.77+3.53+1.77+1.77+1.77	10.6	3200	3.31	A	3.9+6.5+3.9+3.9+3.9	2.55+4.25+2.27+2.27+2.27	13.6	3590	3.79	A		
35+35+25+25+25	3.5+3.5+2.5+2.5+2.5	2.65+2.65+1.77+1.77+1.77	10.6	3200	3.31	A	4.8+4.8+3.9+3.9+3.9	3.4+3.4+2.27+2.27+2.27	13.6	3590	3.79	A		
25+50+25+25+35	2.5+5.0+2.5+2.5+3.5	1.77+3.53+1.56+1.56+2.18	10.6	3200	3.31	A	3.9+6.5+3.9+3.9+4.8	2.55+4.25+2.0+2.0+2.8	13.6	3590	3.79	A		
35+35+25+25+35	3.5+3.5+2.5+2.5+3.5	2.65+2.65+1.56+1.56+2.18	10.6	3200	3.31	A	4.8+4.8+3.9+3.9+4.8	3.4+3.4+2.0+2.0+2.8	13.6	3590	3.79	A		
35+50+25+25+35	3.5+5.0+2.5+2.5+3.5	2.18+3.12+1.56+1.56+2.18	10.6	3200	3.31	A	4.8+6.5+3.9+3.9+4.8	2.89+3.91+2.0+2.0+2.8	13.6	3590	3.79	A		

- Notes:
- Four units must be connected (2 Per refrigerant cycle)
 - Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

	COOLING MODE								HEATING MODE				
	Combination of Indoor Units (kW)	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
					Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
6 Units	15+15+15 +15+15+15	1.5+1.5+1.5 +1.5+1.5+1.5	1.5+1.5+1.5 +1.5+1.5+1.5	9.0	2740	3.28	A	2.0+2.0+2.0 +2.0+2.0+2.0	2.0+2.0+2.0 +2.0+2.0+2.0	12.0	3360	3.57	B
	15+15+15 +15+15+18	1.5+1.5+1.5 +1.5+1.5+1.8	1.5+1.5+1.5 +1.5+1.5+1.8	9.3	2840	3.27	A	2.0+2.0+2.0 +2.0+2.0+2.5	2.0+2.0+2.0 +2.0+2.0+2.5	12.5	3420	3.65	A
	15+15+15 +15+15+25	1.5+1.5+1.5 +1.5+1.5+2.5	1.5+1.5+1.5 +1.45+1.45+2.41	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+2.0+3.9	2.0+2.0+2.0 +1.72+1.72+3.36	12.8	3480	3.68	A
	15+15+15 +15+15+35	1.5+1.5+1.5 +1.5+1.5+3.5	1.5+1.5+1.5 +1.22+1.22+2.85	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+2.0+4.8	2.0+2.0+2.0 +1.55+1.55+3.71	12.8	3480	3.68	A
	15+15+15 +15+15+50	1.5+1.5+1.5 +1.5+1.5+5.0	1.5+1.5+1.5 +0.99+0.99+3.31	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+2.0+6.5	2.0+2.0+2.0 +1.3+1.3+4.21	12.8	3480	3.68	A
	15+15+15 +15+18+18	1.5+1.5+1.5 +1.5+1.8+1.8	1.5+1.5+1.5 +1.5+1.8+1.8	9.6	2920	3.29	A	2.0+2.0+2.0 +2.0+2.5+2.5	2.0+2.0+2.0 +1.94+2.43+2.43	12.8	3480	3.68	A
	15+15+15 +15+18+25	1.5+1.5+1.5 +1.5+1.8+2.5	1.5+1.5+1.5 +1.37+1.64+2.28	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+2.5+3.9	2.0+2.0+2.0 +1.62+2.02+3.16	12.8	3480	3.68	A
	15+15+15 +15+18+35	1.5+1.5+1.5 +1.5+1.8+3.5	1.5+1.5+1.5 +1.17+1.4+2.73	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+2.5+4.8	2.0+2.0+2.0 +1.46+1.83+3.51	12.8	3480	3.68	A
	15+15+15 +15+18+50	1.5+1.5+1.5 +1.5+1.8+5.0	1.5+1.5+1.5 +0.96+1.15+3.19	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+2.5+6.5	2.0+2.0+2.0 +1.24+1.55+4.02	12.8	3480	3.68	A
	15+15+15 +15+25+25	1.5+1.5+1.5 +1.5+2.5+2.5	1.5+1.5+1.5 +1.22+2.04+2.04	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+3.9+3.9	2.0+2.0+2.0 +1.39+2.71+2.71	12.8	3480	3.68	A
	15+15+15 +15+25+35	1.5+1.5+1.5 +1.5+2.5+3.5	1.5+1.5+1.5 +1.06+1.77+2.47	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+3.9+4.8	2.0+2.0+2.0 +1.27+2.48+3.05	12.8	3480	3.68	A
	15+15+15 +15+35+35	1.5+1.5+1.5 +1.5+3.5+3.5	1.5+1.5+1.5 +0.94+2.18+2.18	9.8	2970	3.30	A	2.0+2.0+2.0 +2.0+4.8+4.8	2.0+2.0+2.0 +1.17+2.81+2.81	12.8	3480	3.68	A
	15+15+15 +18+18+18	1.5+1.5+1.5 +1.8+1.8+1.8	1.5+1.5+1.5 +1.77+1.77+1.77	9.8	2970	3.30	A	2.0+2.0+2.0 +2.5+2.5+2.5	2.0+2.0+2.0 +2.27+2.27+2.27	12.8	3480	3.68	A
	15+15+15 +18+18+25	1.5+1.5+1.5 +1.8+1.8+2.5	1.5+1.5+1.5 +1.56+1.56+2.17	9.8	2970	3.30	A	2.0+2.0+2.0 +2.5+2.5+3.9	2.0+2.0+2.0 +1.91+1.91+2.98	12.8	3480	3.68	A
	15+15+15 +18+18+35	1.5+1.5+1.5 +1.8+1.8+3.5	1.5+1.5+1.5 +1.34+1.34+2.61	9.8	2970	3.30	A	2.0+2.0+2.0 +2.5+2.5+4.8	2.0+2.0+2.0 +1.73+1.73+3.33	12.8	3480	3.68	A
	15+15+15 +18+18+50	1.5+1.5+1.5 +1.8+1.8+5.0	1.5+1.5+1.5 +1.11+1.11+3.08	9.8	2970	3.30	A	2.0+2.0+2.0 +2.5+2.5+6.5	2.0+2.0+2.0 +1.48+1.48+3.84	12.8	3480	3.68	A
	15+15+15 +18+25+25	1.5+1.5+1.5 +1.8+2.5+2.5	1.5+1.5+1.5 +1.44+1.95+1.95	9.8	2970	3.30	A	2.0+2.0+2.0 +2.5+3.9+3.9	2.0+2.0+2.0 +1.65+2.57+2.57	12.8	3480	3.68	A
	15+15+15 +18+25+35	1.5+1.5+1.5 +1.8+2.5+3.5	1.5+1.5+1.5 +1.22+1.7+2.38	9.8	2970	3.30	A	2.0+2.0+2.0 +2.5+3.9+4.8	2.0+2.0+2.0 +1.52+2.37+2.91	12.8	3480	3.68	A
	15+15+15 +18+35+35	1.5+1.5+1.5 +1.8+3.5+3.5	1.5+1.5+1.5 +1.08+2.11+2.11	9.8	2970	3.30	A	2.0+2.0+2.0 +2.5+4.8+4.8	2.0+2.0+2.0 +1.4+2.7+2.7	12.8	3480	3.68	A
	15+15+15 +25+25+25	1.5+1.5+1.5 +2.5+2.5+2.5	1.5+1.5+1.5 +1.77+1.77+1.77	9.8	2970	3.30	A	2.0+2.0+2.0 +3.9+3.9+3.9	2.0+2.0+2.0 +2.27+2.27+2.27	12.8	3480	3.68	A
	15+15+15 +25+25+35	1.5+1.5+1.5 +2.5+2.5+3.5	1.5+1.5+1.5 +1.56+1.56+2.18	9.8	2970	3.30	A	2.0+2.0+2.0 +3.9+3.9+4.8	2.0+2.0+2.0 +2.0+2.0+2.8	12.8	3480	3.68	A
	15+15+18 +15+15+15	1.5+1.5+1.8 +1.5+1.5+1.5	1.5+1.5+1.8 +1.5+1.5+1.5	9.3	2840	3.27	A	2.0+2.0+2.5 +2.0+2.0+2.0	2.0+2.0+2.5 +2.0+2.0+2.0	12.5	3420	3.65	A
	15+15+18 +15+15+18	1.5+1.5+1.8 +1.5+1.5+1.8	1.5+1.5+1.8 +1.5+1.5+1.8	9.6	2940	3.27	A	2.0+2.0+2.5 +2.0+2.0+2.5	2.0+2.0+2.5 +2.0+2.0+2.5	13.0	3480	3.74	A
	15+15+18 +15+15+25	1.5+1.5+1.8 +1.5+1.5+2.5	1.5+1.5+1.8 +1.45+1.45+2.41	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+2.0+3.9	2.0+2.0+2.5 +1.72+1.72+3.36	13.3	3540	3.76	A
	15+15+18 +15+15+35	1.5+1.5+1.8 +1.5+1.5+3.5	1.5+1.5+1.8 +1.22+1.22+2.85	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+2.0+4.8	2.0+2.0+2.5 +1.55+1.55+3.71	13.3	3540	3.76	A
	15+15+18 +15+15+50	1.5+1.5+1.8 +1.5+1.5+5.0	1.5+1.5+1.8 +0.99+0.99+3.31	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+2.0+6.5	2.0+2.0+2.5 +1.3+1.3+4.21	13.3	3540	3.76	A
	15+15+18 +15+18+18	1.5+1.5+1.8 +1.5+1.8+1.8	1.5+1.5+1.8 +1.5+1.8+1.8	9.9	3020	3.28	A	2.0+2.0+2.5 +2.0+2.5+2.5	2.0+2.0+2.5 +1.94+2.43+2.43	13.3	3540	3.76	A
	15+15+18 +15+18+25	1.5+1.5+1.8 +1.5+1.8+2.5	1.5+1.5+1.8 +1.37+1.64+2.28	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+2.5+3.9	2.0+2.0+2.5 +1.62+2.02+3.16	13.3	3540	3.76	A
	15+15+18 +15+18+35	1.5+1.5+1.8 +1.5+1.8+3.5	1.5+1.5+1.8 +1.17+1.4+2.73	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+2.5+4.8	2.0+2.0+2.5 +1.46+1.83+3.51	13.3	3540	3.76	A
	15+15+18 +15+18+50	1.5+1.5+1.8 +1.5+1.8+5.0	1.5+1.5+1.8 +0.96+1.15+3.19	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+2.5+6.5	2.0+2.0+2.5 +1.24+1.55+4.02	13.3	3540	3.76	A
	15+15+18 +15+25+25	1.5+1.5+1.8 +1.5+2.5+2.5	1.5+1.5+1.8 +1.22+2.04+2.04	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+3.9+3.9	2.0+2.0+2.5 +1.39+2.71+2.71	13.3	3540	3.76	A
	15+15+18 +15+25+35	1.5+1.5+1.8 +1.5+2.5+3.5	1.5+1.5+1.8 +1.06+1.77+2.47	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+3.9+4.8	2.0+2.0+2.5 +1.27+2.48+3.05	13.3	3540	3.76	A
	15+15+18 +15+35+35	1.5+1.5+1.8 +1.5+3.5+3.5	1.5+1.5+1.8 +0.94+2.18+2.18	10.1	3070	3.29	A	2.0+2.0+2.5 +2.0+4.8+4.8	2.0+2.0+2.5 +1.17+2.81+2.81	13.3	3540	3.76	A
	15+15+18 +18+18+18	1.5+1.5+1.8 +1.8+1.8+1.8	1.5+1.5+1.8 +1.77+1.77+1.77	10.1	3070	3.29	A	2.0+2.0+2.5 +2.5+2.5+2.5	2.0+2.0+2.5 +2.27+2.27+2.27	13.3	3540	3.76	A
	15+15+18 +18+18+25	1.5+1.5+1.8 +1.8+1.8+2.5	1.5+1.5+1.8 +1.56+1.56+2.17	10.1	3070	3.29	A	2.0+2.0+2.5 +2.5+2.5+3.9	2.0+2.0+2.5 +1.91+1.91+2.98	13.3	3540	3.76	A
	15+15+18 +18+18+35	1.5+1.5+1.8 +1.8+1.8+3.5	1.5+1.5+1.8 +1.34+1.34+2.61	10.1	3070	3.29	A	2.0+2.0+2.5 +2.5+2.5+4.8	2.0+2.0+2.5 +1.73+1.73+3.33	13.3	3540	3.76	A

- Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE						HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
15+15+18 +18+18+50	1.5+1.5+1.8 +1.8+1.8+5.0	1.5+1.5+1.8 +1.11+1.11+3.08	10.1	3070	3.29	A	2.0+2.0+2.5 +2.5+2.5+6.5	2.0+2.0+2.5 +1.48+1.48+3.84	13.3	3540	3.76	A
15+15+18 +18+25+25	1.5+1.5+1.8 +1.8+2.5+2.5	1.5+1.5+1.8 +1.4+1.95+1.95	10.1	3070	3.29	A	2.0+2.0+2.5 +2.5+3.9+3.9	2.0+2.0+2.5 +1.65+2.57+2.57	13.3	3540	3.76	A
15+15+18 +18+25+35	1.5+1.5+1.8 +1.8+2.5+3.5	1.5+1.5+1.8 +1.22+1.7+2.38	10.1	3070	3.29	A	2.0+2.0+2.5 +2.5+3.9+4.8	2.0+2.0+2.5 +1.52+2.37+2.91	13.3	3540	3.76	A
15+15+18 +18+35+35	1.5+1.5+1.8 +1.8+3.5+3.5	1.5+1.5+1.8 +1.08+2.11+2.11	10.1	3070	3.29	A	2.0+2.0+2.5 +2.5+4.8+4.8	2.0+2.0+2.5 +1.4+2.7+2.7	13.3	3540	3.76	A
15+15+18 +25+25+25	1.5+1.5+1.8 +2.5+2.5+2.5	1.5+1.5+1.8 +1.77+1.77+1.77	10.1	3070	3.29	A	2.0+2.0+2.5 +3.9+3.9+3.9	2.0+2.0+2.5 +2.27+2.27+2.27	13.3	3540	3.76	A
15+15+18 +25+25+35	1.5+1.5+1.8 +2.5+2.5+3.5	1.5+1.5+1.8 +1.56+1.56+2.18	10.1	3070	3.29	A	2.0+2.0+2.5 +3.9+3.9+4.8	2.0+2.0+2.5 +2.0+2.0+2.8	13.3	3540	3.76	A
15+15+25 +15+15+15	1.5+1.5+2.5 +1.5+1.5+1.5	1.45+1.45+2.41 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+2.0+3.9 +2.0+2.0+2.0	1.72+1.72+3.36 +2.0+2.0+2.0	12.8	3480	3.68	A
15+15+25 +15+15+18	1.5+1.5+2.5 +1.5+1.5+1.8	1.45+1.45+2.41 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+2.0+3.9 +2.0+2.0+2.5	1.72+1.72+3.36 +2.0+2.0+2.5	13.3	3540	3.76	A
15+15+25 +15+15+25	1.5+1.5+2.5 +1.5+1.5+2.5	1.45+1.45+2.41 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+2.0+3.9	1.72+1.72+3.36 +1.72+1.72+3.36	13.6	3600	3.78	A
15+15+25 +15+15+35	1.5+1.5+2.5 +1.5+1.5+3.5	1.45+1.45+2.41 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+2.0+4.8	1.72+1.72+3.36 +1.55+1.55+3.71	13.6	3600	3.78	A
15+15+25 +15+15+50	1.5+1.5+2.5 +1.5+1.5+5.0	1.45+1.45+2.41 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+2.0+6.5	1.72+1.72+3.36 +1.3+1.3+4.21	13.6	3600	3.78	A
15+15+25 +15+18+18	1.5+1.5+2.5 +1.5+1.8+1.8	1.45+1.45+2.41 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+2.0+3.9 +2.0+2.5+2.5	1.72+1.72+3.36 +1.94+2.43+2.43	13.6	3600	3.78	A
15+15+25 +15+18+25	1.5+1.5+2.5 +1.5+1.8+2.5	1.45+1.45+2.41 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+2.5+3.9	1.72+1.72+3.36 +1.62+2.02+3.16	13.6	3600	3.78	A
15+15+25 +15+18+35	1.5+1.5+2.5 +1.5+1.8+3.5	1.45+1.45+2.41 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+2.5+4.8	1.72+1.72+3.36 +1.46+1.83+3.51	13.6	3600	3.78	A
15+15+25 +15+18+50	1.5+1.5+2.5 +1.5+1.8+5.0	1.45+1.45+2.41 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+2.5+6.5	1.72+1.72+3.36 +1.24+1.55+4.02	13.6	3600	3.78	A
15+15+25 +15+25+25	1.5+1.5+2.5 +1.5+2.5+2.5	1.45+1.45+2.41 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+3.9+3.9	1.72+1.72+3.36 +1.39+2.71+2.71	13.6	3600	3.78	A
15+15+25 +15+25+35	1.5+1.5+2.5 +1.5+2.5+3.5	1.45+1.45+2.41 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+3.9+4.8	1.72+1.72+3.36 +1.27+2.48+3.05	13.6	3600	3.78	A
15+15+25 +15+35+35	1.5+1.5+2.5 +1.5+3.5+3.5	1.45+1.45+2.41 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+2.0+3.9 +2.0+4.8+4.8	1.72+1.72+3.36 +1.17+2.81+2.81	13.6	3600	3.78	A
15+15+25 +18+18+18	1.5+1.5+2.5 +1.8+1.8+1.8	1.45+1.45+2.41 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.0+3.9 +2.5+2.5+2.5	1.72+1.72+3.36 +2.27+2.27+2.27	13.6	3600	3.78	A
15+15+25 +18+18+25	1.5+1.5+2.5 +1.8+1.8+2.5	1.45+1.45+2.41 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+2.0+3.9 +2.5+2.5+3.9	1.72+1.72+3.36 +1.91+1.91+2.98	13.6	3600	3.78	A
15+15+25 +18+18+35	1.5+1.5+2.5 +1.8+1.8+3.5	1.45+1.45+2.41 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+2.0+3.9 +2.5+2.5+4.8	1.72+1.72+3.36 +1.73+1.73+3.33	13.6	3600	3.78	A
15+15+25 +18+18+50	1.5+1.5+2.5 +1.8+1.8+5.0	1.45+1.45+2.41 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+2.0+3.9 +2.5+2.5+6.5	1.72+1.72+3.36 +1.48+1.48+3.84	13.6	3600	3.78	A
15+15+25 +18+25+25	1.5+1.5+2.5 +1.8+2.5+2.5	1.45+1.45+2.41 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+2.0+3.9 +2.5+3.9+3.9	1.72+1.72+3.36 +1.65+2.57+2.57	13.6	3600	3.78	A
15+15+25 +18+25+35	1.5+1.5+2.5 +1.8+2.5+3.5	1.45+1.45+2.41 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+2.0+3.9 +2.5+3.9+4.8	1.72+1.72+3.36 +1.52+2.37+2.91	13.6	3600	3.78	A
15+15+25 +18+35+35	1.5+1.5+2.5 +1.8+3.5+3.5	1.45+1.45+2.41 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+2.0+3.9 +2.5+4.8+4.8	1.72+1.72+3.36 +1.4+1.4+2.7	13.6	3600	3.78	A
15+15+25 +25+25+25	1.5+1.5+2.5 +2.5+2.5+2.5	1.45+1.45+2.41 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.0+3.9 +3.9+3.9+3.9	1.72+1.72+3.36 +2.27+2.27+2.27	13.6	3600	3.78	A
15+15+25 +25+25+35	1.5+1.5+2.5 +2.5+2.5+3.5	1.45+1.45+2.41 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+2.0+3.9 +3.9+3.9+4.8	1.72+1.72+3.36 +2.0+2.0+2.8	13.6	3600	3.78	A
15+15+35 +15+15+15	1.5+1.5+3.5 +1.5+1.5+1.5	1.22+1.22+2.85 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+2.0+4.8 +2.0+2.0+2.0	1.55+1.55+3.71 +2.0+2.0+2.0	12.8	3480	3.68	A
15+15+35 +15+15+18	1.5+1.5+3.5 +1.5+1.5+1.8	1.22+1.22+2.85 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+2.0+4.8 +2.0+2.0+2.5	1.55+1.55+3.71 +2.0+2.0+2.5	13.3	3540	3.76	A
15+15+35 +15+15+25	1.5+1.5+3.5 +1.5+1.5+2.5	1.22+1.22+2.85 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+2.0+3.9	1.55+1.55+3.71 +1.72+1.72+3.36	13.6	3600	3.78	A
15+15+35 +15+15+35	1.5+1.5+3.5 +1.5+1.5+3.5	1.22+1.22+2.85 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+2.0+4.8	1.55+1.55+3.71 +1.55+1.55+3.71	13.6	3600	3.78	A
15+15+35 +15+15+50	1.5+1.5+3.5 +1.5+1.5+5.0	1.22+1.22+2.85 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+2.0+6.5	1.55+1.55+3.71 +1.3+1.3+4.21	13.6	3600	3.78	A
15+15+35 +15+18+18	1.5+1.5+3.5 +1.5+1.8+1.8	1.22+1.22+2.85 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+2.0+4.8 +2.0+2.5+2.5	1.55+1.55+3.71 +1.94+2.43+2.43	13.6	3600	3.78	A
15+15+35 +15+18+25	1.5+1.5+3.5 +1.5+1.8+2.5	1.22+1.22+2.85 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+2.5+3.9	1.55+1.55+3.71 +1.62+2.02+3.16	13.6	3600	3.78	A
15+15+35 +15+18+35	1.5+1.5+3.5 +1.5+1.8+3.5	1.22+1.22+2.85 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+2.5+4.8	1.55+1.55+3.71 +1.46+1.83+3.51	13.6	3600	3.78	A
15+15+35 +15+18+50	1.5+1.5+3.5 +1.5+1.8+5.0	1.22+1.22+2.85 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+2.5+6.5	1.55+1.55+3.71 +1.24+1.55+4.02	13.6	3600	3.78	A

- Notes:
- Four units must be connected (2 Per refrigerant cycle)
 - Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE							HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class	
15+15+35 +15+25+25	1.5+1.5+3.5 +1.5+2.5+2.5	1.22+1.22+2.85 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+3.9+3.9	1.55+1.55+3.71 +1.39+2.71+2.71	13.6	3600	3.78	A	
15+15+35 +15+25+35	1.5+1.5+3.5 +1.5+2.5+3.5	1.22+1.22+2.85 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+3.9+4.8	1.55+1.55+3.71 +1.27+2.48+3.05	13.6	3600	3.78	A	
15+15+35 +15+35+35	1.5+1.5+3.5 +1.5+3.5+3.5	1.22+1.22+2.85 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+2.0+4.8 +2.0+4.8+4.8	1.55+1.55+3.71 +1.17+2.81+2.81	13.6	3600	3.78	A	
15+15+35 +18+18+18	1.5+1.5+3.5 +1.8+1.8+1.8	1.22+1.22+2.85 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.0+4.8 +2.5+2.5+2.5	1.55+1.55+3.71 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+15+35 +18+18+25	1.5+1.5+3.5 +1.8+1.8+2.5	1.22+1.22+2.85 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+2.0+4.8 +2.5+2.5+3.9	1.55+1.55+3.71 +1.91+1.91+2.98	13.6	3600	3.78	A	
15+15+35 +18+18+35	1.5+1.5+3.5 +1.8+1.8+3.5	1.22+1.22+2.85 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+2.0+4.8 +2.5+2.5+4.8	1.55+1.55+3.71 +1.73+1.73+3.33	13.6	3600	3.78	A	
15+15+35 +18+18+50	1.5+1.5+3.5 +1.8+1.8+5.0	1.22+1.22+2.85 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+2.0+4.8 +2.5+2.5+6.5	1.55+1.55+3.71 +1.48+1.48+3.84	13.6	3600	3.78	A	
15+15+35 +18+25+25	1.5+1.5+3.5 +1.8+2.5+2.5	1.22+1.22+2.85 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+2.0+4.8 +2.5+3.9+3.9	1.55+1.55+3.71 +1.65+1.65+2.57	13.6	3600	3.78	A	
15+15+35 +18+25+35	1.5+1.5+3.5 +1.8+2.5+3.5	1.22+1.22+2.85 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+2.0+4.8 +2.5+3.9+4.8	1.55+1.55+3.71 +1.52+2.37+2.91	13.6	3600	3.78	A	
15+15+35 +18+35+35	1.5+1.5+3.5 +1.8+3.5+3.5	1.22+1.22+2.85 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+2.0+4.8 +2.5+4.8+4.8	1.55+1.55+3.71 +1.4+2.7+2.7	13.6	3600	3.78	A	
15+15+35 +25+25+25	1.5+1.5+3.5 +2.5+2.5+2.5	1.22+1.22+2.85 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.0+4.8 +3.9+3.9+3.9	1.55+1.55+3.71 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+15+35 +25+25+35	1.5+1.5+3.5 +2.5+2.5+3.5	1.22+1.22+2.85 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+2.0+4.8 +3.9+3.9+4.8	1.55+1.55+3.71 +2.0+2.0+2.8	13.6	3600	3.78	A	
15+15+50 +15+15+15	1.5+1.5+5.0 +1.5+1.5+1.5	0.99+0.99+3.31 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+2.0+6.5 +2.0+2.0+2.0	1.3+1.3+4.21 +2.0+2.0+2.0	12.8	3480	3.68	A	
15+15+50 +15+15+18	1.5+1.5+5.0 +1.5+1.5+1.8	0.99+0.99+3.31 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+2.0+6.5 +2.0+2.0+2.5	1.3+1.3+4.21 +2.0+2.0+2.5	13.3	3540	3.76	A	
15+15+50 +15+15+25	1.5+1.5+5.0 +1.5+1.5+2.5	0.99+0.99+3.31 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+2.0+3.9	1.3+1.3+4.21 +1.72+1.72+3.36	13.6	3600	3.78	A	
15+15+50 +15+15+35	1.5+1.5+5.0 +1.5+1.5+3.5	0.99+0.99+3.31 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+2.0+4.8	1.3+1.3+4.21 +1.5+1.5+3.71	13.6	3600	3.78	A	
15+15+50 +15+15+50	1.5+1.5+5.0 +1.5+1.5+5.0	0.99+0.99+3.31 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+2.0+6.5	1.3+1.3+4.21 +1.3+1.3+4.21	13.6	3600	3.78	A	
15+15+50 +15+18+18	1.5+1.5+5.0 +1.5+1.8+1.8	0.99+0.99+3.31 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+2.0+6.5 +2.0+2.5+2.5	1.3+1.3+4.21 +1.94+2.43+2.43	13.6	3600	3.78	A	
15+15+50 +15+18+25	1.5+1.5+5.0 +1.5+1.8+2.5	0.99+0.99+3.31 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+2.5+3.9	1.3+1.3+4.21 +1.62+2.02+3.16	13.6	3600	3.78	A	
15+15+50 +15+18+35	1.5+1.5+5.0 +1.5+1.8+3.5	0.99+0.99+3.31 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+2.5+4.8	1.3+1.3+4.21 +1.46+1.83+3.51	13.6	3600	3.78	A	
15+15+50 +15+18+50	1.5+1.5+5.0 +1.5+1.8+5.0	0.99+0.99+3.31 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+2.5+6.5	1.3+1.3+4.21 +1.24+1.55+4.02	13.6	3600	3.78	A	
15+15+50 +15+25+25	1.5+1.5+5.0 +1.5+2.5+2.5	0.99+0.99+3.31 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+3.9+3.9	1.3+1.3+4.21 +1.39+2.71+2.71	13.6	3600	3.78	A	
15+15+50 +15+25+35	1.5+1.5+5.0 +1.5+2.5+3.5	0.99+0.99+3.31 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+3.9+4.8	1.3+1.3+4.21 +1.27+2.48+3.05	13.6	3600	3.78	A	
15+15+50 +15+35+35	1.5+1.5+5.0 +1.5+3.5+3.5	0.99+0.99+3.31 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+2.0+6.5 +2.0+4.8+4.8	1.3+1.3+4.21 +1.17+2.81+2.81	13.6	3600	3.78	A	
15+15+50 +18+18+18	1.5+1.5+5.0 +1.8+1.8+1.8	0.99+0.99+3.31+ 1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.0+6.5 +2.5+2.5+2.5	1.3+1.3+4.21 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+15+50 +18+18+25	1.5+1.5+5.0 +1.8+1.8+2.5	0.99+0.99+3.31+ 1.56+1.56+2.17	10.6	3200	3.31	A	2.0+2.0+6.5 +2.5+2.5+3.9	1.3+1.3+4.21 +1.91+1.91+2.98	13.6	3600	3.78	A	
15+15+50 +18+18+35	1.5+1.5+5.0 +1.8+1.8+3.5	0.99+0.99+3.31+ 1.34+1.34+2.61	10.6	3200	3.31	A	2.0+2.0+6.5 +2.5+2.5+4.8	1.3+1.3+4.21 +1.73+3.33+3.33	13.6	3600	3.78	A	
15+15+50 +18+18+50	1.5+1.5+5.0 +1.8+1.8+5.0	0.99+0.99+3.31 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+2.0+6.5 +2.5+2.5+6.5	1.3+1.3+4.21 +1.48+1.48+3.84	13.6	3600	3.78	A	
15+15+50 +18+25+25	1.5+1.5+5.0 +1.8+2.5+2.5	0.99+0.99+3.31 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+2.0+6.5 +2.5+3.9+3.9	1.3+1.3+4.21 +1.65+1.65+2.57	13.6	3600	3.78	A	
15+15+50 +18+25+35	1.5+1.5+5.0 +1.8+2.5+3.5	0.99+0.99+3.31 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+2.0+6.5 +2.5+3.9+4.8	1.3+1.3+4.21 +1.52+2.37+2.91	13.6	3600	3.78	A	
15+15+50 +18+35+35	1.5+1.5+5.0 +1.8+3.5+3.5	0.99+0.99+3.31 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+2.0+6.5 +2.5+4.8+4.8	1.3+1.3+4.21 +1.4+2.7+2.7	13.6	3600	3.78	A	
15+15+50 +25+25+25	1.5+1.5+5.0 +2.5+2.5+2.5	0.99+0.99+3.31 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.0+6.5 +3.9+3.9+3.9	1.3+1.3+4.21 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+15+50 +25+25+35	1.5+1.5+5.0 +2.5+2.5+3.5	0.99+0.99+3.31 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+2.0+6.5 +3.9+3.9+4.8	1.3+1.3+4.21 +2.0+2.0+2.8	13.6	3600	3.78	A	
15+18+18 +15+15+15	1.5+1.8+1.8 +1.5+1.5+1.5	1.5+1.8+1.8 +1.5+1.5+1.5	9.6	2920	3.29	A	2.0+2.5+2.5 +2.0+2.0+2.0	1.94+2.43+2.43 +2.0+2.0+2.0	12.8	3480	3.68	A	
15+18+18 +15+15+18	1.5+1.8+1.8 +1.5+1.5+1.8	1.5+1.8+1.8 +1.5+1.5+1.8	9.9	3020	3.28	A	2.0+2.5+2.5 +2.0+2.0+2.5	1.94+2.43+2.43 +2.0+2.0+2.5	13.3	3540	3.76	A	
15+18+18 +15+15+25	1.5+1.8+1.8 +1.5+1.5+2.5	1.5+1.8+1.8 +1.45+1.45+2.41	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+2.0+3.9	1.94+2.43+2.43 +1.72+1.72+3.36	13.6	3600	3.78	A	

- Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE						HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
15+18+18 +15+15+35	1.5+1.8+1.8 +1.5+1.5+3.5	1.5+1.8+1.8 +1.22+1.22+2.85	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+2.0+4.8	1.94+2.43+2.43 +1.55+1.55+3.71	13.6	3600	3.78	A
15+18+18 +15+15+50	1.5+1.8+1.8 +1.5+1.5+5.0	1.5+1.8+1.8 +0.99+0.99+3.31	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+2.0+6.5	1.94+2.43+2.43 +1.3+1.3+4.21	13.6	3600	3.78	A
15+18+18 +15+18+18	1.5+1.8+1.8 +1.5+1.8+1.8	1.5+1.8+1.8 +1.5+1.8+1.8	10.2	3100	3.29	A	2.0+2.5+2.5 +2.0+2.5+2.5	1.94+2.43+2.43 +1.94+2.43+2.43	13.6	3600	3.78	A
15+18+18 +15+18+25	1.5+1.8+1.8 +1.5+1.8+2.5	1.5+1.8+1.8 +1.37+1.64+2.28	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+2.5+3.9	1.94+2.43+2.43 +1.62+2.02+3.16	13.6	3600	3.78	A
15+18+18 +15+18+35	1.5+1.8+1.8 +1.5+1.8+3.5	1.5+1.8+1.8 +1.17+1.4+2.73	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+2.5+4.8	1.94+2.43+2.43 +1.46+1.83+3.51	13.6	3600	3.78	A
15+18+18 +15+18+50	1.5+1.8+1.8 +1.5+1.8+5.0	1.5+1.8+1.8 +0.96+1.15+3.19	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+2.5+6.5	1.94+2.43+2.43 +1.24+1.55+4.02	13.6	3600	3.78	A
15+18+18 +15+25+25	1.5+1.8+1.8 +1.5+2.5+2.5	1.5+1.8+1.8 +1.22+2.04+2.04	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+3.9+3.9	1.94+2.43+2.43 +1.39+2.71+2.71	13.6	3600	3.78	A
15+18+18 +15+25+35	1.5+1.8+1.8 +1.5+2.5+3.5	1.5+1.8+1.8 +1.06+1.77+2.47	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+3.9+4.8	1.94+2.43+2.43 +1.27+2.48+3.05	13.6	3600	3.78	A
15+18+18 +15+35+35	1.5+1.8+1.8 +1.5+3.5+3.5	1.5+1.8+1.8 +0.94+2.18+2.18	10.4	3150	3.30	A	2.0+2.5+2.5 +2.0+4.8+4.8	1.94+2.43+2.43 +1.17+2.81+2.81	13.6	3600	3.78	A
15+18+18 +18+18+18	1.5+1.8+1.8 +1.8+1.8+1.8	1.5+1.8+1.8 +1.77+1.77+1.77	10.4	3150	3.30	A	2.0+2.5+2.5 +2.5+2.5+2.5	1.94+2.43+2.43 +2.27+2.27+2.27	13.6	3600	3.78	A
15+18+18 +18+18+25	1.5+1.8+1.8 +1.8+1.8+2.5	1.5+1.8+1.8 +1.56+1.56+2.17	10.4	3150	3.30	A	2.0+2.5+2.5 +2.5+2.5+3.9	1.94+2.43+2.43 +1.91+1.91+2.98	13.6	3600	3.78	A
15+18+18 +18+18+35	1.5+1.8+1.8 +1.8+1.8+3.5	1.5+1.8+1.8 +1.34+1.34+2.61	10.4	3150	3.30	A	2.0+2.5+2.5 +2.5+2.5+4.8	1.94+2.43+2.43 +1.73+1.73+3.33	13.6	3600	3.78	A
15+18+18 +18+18+50	1.5+1.8+1.8 +1.8+1.8+5.0	1.5+1.8+1.8 +1.11+1.11+3.08	10.4	3150	3.30	A	2.0+2.5+2.5 +2.5+2.5+6.5	1.94+2.43+2.43 +1.48+1.48+3.84	13.6	3600	3.78	A
15+18+18 +18+25+25	1.5+1.8+1.8 +1.8+2.5+2.5	1.5+1.8+1.8 +1.4+1.95+1.95	10.4	3150	3.30	A	2.0+2.5+2.5 +2.5+3.9+3.9	1.94+2.43+2.43 +1.65+2.57+2.57	13.6	3600	3.78	A
15+18+18 +18+25+35	1.5+1.8+1.8 +1.8+2.5+3.5	1.5+1.8+1.8 +1.22+1.7+2.38	10.4	3150	3.30	A	2.0+2.5+2.5 +2.5+3.9+4.8	1.94+2.43+2.43 +1.52+2.37+2.91	13.6	3600	3.78	A
15+18+18 +18+35+35	1.5+1.8+1.8 +1.8+3.5+3.5	1.5+1.8+1.8 +1.08+2.11+2.11	10.4	3150	3.30	A	2.0+2.5+2.5 +2.5+4.8+4.8	1.94+2.43+2.43 +1.4+2.7+2.7	13.6	3600	3.78	A
15+18+18 +25+25+25	1.5+1.8+1.8 +2.5+2.5+2.5	1.5+1.8+1.8 +1.77+1.77+1.77	10.4	3150	3.30	A	2.0+2.5+2.5 +3.9+3.9+3.9	1.94+2.43+2.43 +2.27+2.27+2.27	13.6	3600	3.78	A
15+18+18 +25+25+35	1.5+1.8+1.8 +2.5+2.5+3.5	1.5+1.8+1.8 +1.56+1.56+2.18	10.4	3150	3.30	A	2.0+2.5+2.5 +3.9+3.9+4.8	1.94+2.43+2.43 +2.0+2.0+2.8	13.6	3600	3.78	A
15+18+25 +15+15+15	1.5+1.8+2.5 +1.5+1.5+1.5	1.37+1.64+2.28 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+2.5+3.9 +2.0+2.0+2.0	1.62+2.02+3.16 +2.0+2.0+2.0	12.8	3480	3.68	A
15+18+25 +15+15+18	1.5+1.8+2.5 +1.5+1.5+1.8	1.37+1.64+2.28 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+2.5+3.9 +2.0+2.0+2.5	1.62+2.02+3.16 +2.0+2.0+2.5	13.3	3540	3.76	A
15+18+25 +15+15+25	1.5+1.8+2.5 +1.5+1.5+2.5	1.37+1.64+2.28 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+2.0+3.9	1.62+2.02+3.16 +1.72+1.72+3.36	13.6	3600	3.78	A
15+18+25 +15+15+35	1.5+1.8+2.5 +1.5+1.5+3.5	1.37+1.64+2.28 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+2.0+4.8	1.62+2.02+3.16 +1.55+1.55+3.71	13.6	3600	3.78	A
15+18+25 +15+15+50	1.5+1.8+2.5 +1.5+1.5+5.0	1.37+1.64+2.28 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+2.0+6.5	1.62+2.02+3.16 +1.3+1.3+4.21	13.6	3600	3.78	A
15+18+25 +15+18+18	1.5+1.8+2.5 +1.5+1.8+1.8	1.37+1.64+2.28 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+2.5+3.9 +2.0+2.5+2.5	1.62+2.02+3.16 +1.94+2.43+2.43	13.6	3600	3.78	A
15+18+25 +15+18+25	1.5+1.8+2.5 +1.5+1.8+2.5	1.37+1.64+2.28 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+2.5+3.9	1.62+2.02+3.16 +1.62+2.02+3.16	13.6	3600	3.78	A
15+18+25 +15+18+35	1.5+1.8+2.5 +1.5+1.8+3.5	1.37+1.64+2.28 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+2.5+4.8	1.62+2.02+3.16 +1.46+1.83+3.51	13.6	3600	3.78	A
15+18+25 +15+18+50	1.5+1.8+2.5 +1.5+1.8+5.0	1.37+1.64+2.28 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+2.5+6.5	1.62+2.02+3.16 +1.24+1.55+4.02	13.6	3600	3.78	A
15+18+25 +15+25+25	1.5+1.8+2.5 +1.5+2.5+2.5	1.37+1.64+2.28 +1.22+1.22+2.04	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+3.9+3.9	1.62+2.02+3.16 +1.39+2.71+2.71	13.6	3600	3.78	A
15+18+25 +15+25+35	1.5+1.8+2.5 +1.5+2.5+3.5	1.37+1.64+2.28 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+3.9+4.8	1.62+2.02+3.16 +1.27+2.48+3.05	13.6	3600	3.78	A
15+18+25 +15+35+35	1.5+1.8+2.5 +1.5+3.5+3.5	1.37+1.64+2.28 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+2.5+3.9 +2.0+4.8+4.8	1.62+2.02+3.16 +1.17+2.81+2.81	13.6	3600	3.78	A
15+18+25 +18+18+18	1.5+1.8+2.5 +1.8+1.8+1.8	1.37+1.64+2.28 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.5+3.9 +2.5+2.5+2.5	1.62+2.02+3.16 +2.27+2.27+2.27	13.6	3600	3.78	A
15+18+25 +18+18+25	1.5+1.8+2.5 +1.8+1.8+2.5	1.37+1.64+2.28 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+2.5+3.9 +2.5+2.5+3.9	1.62+2.02+3.16 +1.91+1.91+2.98	13.6	3600	3.78	A
15+18+25 +18+18+35	1.5+1.8+2.5 +1.8+1.8+3.5	1.37+1.64+2.28 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+2.5+3.9 +2.5+2.5+4.8	1.62+2.02+3.16 +1.73+1.73+3.33	13.6	3600	3.78	A
15+18+25 +18+18+50	1.5+1.8+2.5 +1.8+1.8+5.0	1.37+1.64+2.28 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+2.5+3.9 +2.5+2.5+6.5	1.62+2.02+3.16 +1.48+1.48+3.84	13.6	3600	3.78	A
15+18+25 +18+25+25	1.5+1.8+2.5 +1.8+2.5+2.5	1.37+1.64+2.28 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+2.5+3.9 +2.5+3.9+3.9	1.62+2.02+3.16 +1.65+2.57+2.57	13.6	3600	3.78	A
15+18+25 +18+25+35	1.5+1.8+2.5 +1.8+2.5+3.5	1.37+1.64+2.28 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+2.5+3.9 +2.5+3.9+4.8	1.62+2.02+3.16 +1.52+2.37+2.91	13.6	3600	3.78	A

- Notes:
- Four units must be connected (2 Per refrigerant cycle)
 - Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE							HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class	
15+18+25 +18+35+35	1.5+1.8+2.5 +1.8+3.5+3.5	1.37+1.64+2.28 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+2.5+3.9 +2.5+4.8+4.8	1.62+2.02+3.16 +1.4+2.7+2.7	13.6	3600	3.78	A	
15+18+25 +25+25+25	1.5+1.8+2.5 +2.5+2.5+2.5	1.37+1.64+2.28 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.5+3.9 +3.9+3.9+3.9	1.62+2.02+3.16 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+18+25 +25+25+35	1.5+1.8+2.5 +2.5+2.5+3.5	1.37+1.64+2.28 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+2.5+3.9 +3.9+3.9+4.8	1.62+2.02+3.16 +2.0+2.0+2.8	13.6	3600	3.78	A	
15+18+35 +15+15+15	1.5+1.8+3.5 +1.5+1.5+1.5	1.5+1.8+3.5 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+2.5+4.8 +2.0+2.0+2.0	1.46+1.83+3.51 +2.0+2.0+2.0	12.8	3480	3.68	A	
15+18+35 +15+15+18	1.5+1.8+3.5 +1.5+1.5+1.8	1.17+1.4+2.73 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+2.5+4.8 +2.0+2.0+2.5	1.46+1.83+3.51 +2.0+2.0+2.5	13.3	3540	3.76	A	
15+18+35 +15+15+25	1.5+1.8+3.5 +1.5+1.5+2.5	1.17+1.4+2.73 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+2.0+3.9	1.46+1.83+3.51 +1.72+1.72+3.36	13.6	3600	3.78	A	
15+18+35 +15+15+35	1.5+1.8+3.5 +1.5+1.5+3.5	1.17+1.4+2.73 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+2.0+4.8	1.46+1.83+3.51 +1.55+1.55+3.71	13.6	3600	3.78	A	
15+18+35 +15+15+50	1.5+1.8+3.5 +1.5+1.5+5.0	1.17+1.4+2.73 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+2.0+6.5	1.46+1.83+3.51 +1.3+1.3+4.21	13.6	3600	3.78	A	
15+18+35 +15+18+18	1.5+1.8+3.5 +1.5+1.8+1.8	1.17+1.4+2.73 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+2.5+4.8 +2.0+2.5+2.5	1.46+1.83+3.51 +1.94+2.43+2.43	13.6	3600	3.78	A	
15+18+35 +15+18+25	1.5+1.8+3.5 +1.5+1.8+2.5	1.17+1.4+2.73 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+2.5+3.9	1.46+1.83+3.51 +1.62+2.02+3.16	13.6	3600	3.78	A	
15+18+35 +15+18+35	1.5+1.8+3.5 +1.5+1.8+3.5	1.17+1.4+2.73 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+2.5+4.8	1.46+1.83+3.51 +1.46+1.83+3.51	13.6	3600	3.78	A	
15+18+35 +15+18+50	1.5+1.8+3.5 +1.5+1.8+5.0	1.17+1.4+2.73 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+2.5+6.5	1.46+1.83+3.51 +1.24+1.55+4.02	13.6	3600	3.78	A	
15+18+35 +15+25+25	1.5+1.8+3.5 +1.5+2.5+2.5	1.17+1.4+2.73 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+3.9+3.9	1.46+1.83+3.51 +1.39+2.71+2.71	13.6	3600	3.78	A	
15+18+35 +15+25+35	1.5+1.8+3.5 +1.5+2.5+3.5	1.17+1.4+2.73 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+3.9+4.8	1.46+1.83+3.51 +1.27+2.48+3.05	13.6	3600	3.78	A	
15+18+35 +15+35+35	1.5+1.8+3.5 +1.5+3.5+3.5	1.17+1.4+2.73 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+2.5+4.8 +2.0+4.8+4.8	1.46+1.83+3.51 +1.17+2.81+2.81	13.6	3600	3.78	A	
15+18+35 +18+18+18	1.5+1.8+3.5 +1.8+1.8+1.8	1.17+1.4+2.73 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.5+4.8 +2.5+2.5+2.5	1.46+1.83+3.51 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+18+35 +18+18+25	1.5+1.8+3.5 +1.8+1.8+2.5	1.17+1.4+2.73 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+2.5+4.8 +2.5+2.5+3.9	1.46+1.83+3.51 +1.91+1.91+2.98	13.6	3600	3.78	A	
15+18+35 +18+18+35	1.5+1.8+3.5 +1.8+1.8+3.5	1.17+1.4+2.73 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+2.5+4.8 +2.5+2.5+4.8	1.46+1.83+3.51 +1.73+1.73+3.33	13.6	3600	3.78	A	
15+18+35 +18+18+50	1.5+1.8+3.5 +1.8+1.8+5.0	1.17+1.4+2.73 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+2.5+4.8 +2.5+2.5+6.5	1.46+1.83+3.51 +1.48+1.48+3.84	13.6	3600	3.78	A	
15+18+35 +18+25+25	1.5+1.8+3.5 +1.8+2.5+2.5	1.17+1.4+2.73 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+2.5+4.8 +2.5+3.9+3.9	1.46+1.83+3.51 +1.65+2.57+2.57	13.6	3600	3.78	A	
15+18+35 +18+25+35	1.5+1.8+3.5 +1.8+2.5+3.5	1.17+1.4+2.73 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+2.5+4.8 +2.5+3.9+4.8	1.46+1.83+3.51 +1.52+2.37+2.91	13.6	3600	3.78	A	
15+18+35 +18+35+35	1.5+1.8+3.5 +1.8+3.5+3.5	1.17+1.4+2.73 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+2.5+4.8 +2.5+4.8+4.8	1.46+1.83+3.51 +1.4+2.7+2.7	13.6	3600	3.78	A	
15+18+35 +25+25+25	1.5+1.8+3.5 +2.5+2.5+2.5	1.17+1.4+2.73+ 1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.5+4.8 +3.9+3.9+3.9	1.46+1.83+3.51 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+18+35 +25+25+35	1.5+1.8+3.5 +2.5+2.5+3.5	1.17+1.4+2.73+ 1.56+1.56+2.18	10.6	3200	3.31	A	2.0+2.5+4.8 +3.9+3.9+4.8	1.46+1.83+3.51 +2.0+2.0+2.8	13.6	3600	3.78	A	
15+18+50 +15+15+15	1.5+1.8+5.0 +1.5+1.5+1.5	0.96+1.15+3.19 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+2.5+6.5 +2.0+2.0+2.0	1.24+1.55+4.02 +2.0+2.0+2.0	12.8	3480	3.68	A	
15+18+50 +15+15+18	1.5+1.8+5.0 +1.5+1.5+1.8	0.96+1.15+3.19 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+2.5+6.5 +2.0+2.0+2.5	1.24+1.55+4.02 +2.0+2.0+2.5	13.3	3540	3.76	A	
15+18+50 +15+15+25	1.5+1.8+5.0 +1.5+1.5+2.5	0.96+1.15+3.19 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+2.0+3.9	1.24+1.55+4.02 +1.72+1.72+3.36	13.6	3600	3.78	A	
15+18+50 +15+15+35	1.5+1.8+5.0 +1.5+1.5+3.5	0.96+1.15+3.19 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+2.0+4.8	1.24+1.55+4.02 +1.55+1.55+3.71	13.6	3600	3.78	A	
15+18+50 +15+15+50	1.5+1.8+5.0 +1.5+1.5+5.0	0.96+1.15+3.19 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+2.0+6.5	1.24+1.55+4.02 +1.3+1.3+4.21	13.6	3600	3.78	A	
15+18+50 +15+18+18	1.5+1.8+5.0 +1.5+1.8+1.8	0.96+1.15+3.19 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+2.5+6.5 +2.0+2.5+2.5	1.24+1.55+4.02 +1.94+2.43+2.43	13.6	3600	3.78	A	
15+18+50 +15+18+25	1.5+1.8+5.0 +1.5+1.8+2.5	0.96+1.15+3.19 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+2.5+3.9	1.24+1.55+4.02 +1.62+2.02+3.16	13.6	3600	3.78	A	
15+18+50 +15+18+35	1.5+1.8+5.0 +1.5+1.8+3.5	0.96+1.15+3.19 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+2.5+4.8	1.24+1.55+4.02 +1.46+1.83+3.51	13.6	3600	3.78	A	
15+18+50 +15+18+50	1.5+1.8+5.0 +1.5+1.8+5.0	0.96+1.15+3.19 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+2.5+6.5	1.24+1.55+4.02 +1.24+1.55+4.02	13.6	3600	3.78	A	
15+18+50 +15+25+25	1.5+1.8+5.0 +1.5+2.5+2.5	0.96+1.15+3.19 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+3.9+3.9	1.24+1.55+4.02 +1.39+2.71+2.71	13.6	3600	3.78	A	
15+18+50 +15+25+35	1.5+1.8+5.0 +1.5+2.5+3.5	0.96+1.15+3.19 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+3.9+4.8	1.24+1.55+4.02 +1.27+2.48+3.05	13.6	3600	3.78	A	

- Notes:
 1. Four units must be connected (2 Per refrigerant cycle)
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE						HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
15+18+50 +15+35+35	1.5+1.8+5.0 +1.5+3.5+3.5	0.96+1.15+3.19 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+2.5+6.5 +2.0+4.8+4.8	1.24+1.55+4.02 +1.17+2.81+2.81	13.6	3600	3.78	A
15+18+50 +18+18+18	1.5+1.8+5.0 +1.8+1.8+1.8	0.96+1.15+3.19 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.5+6.5 +2.5+2.5+2.5	1.24+1.55+4.02 +2.27+2.27+2.27	13.6	3600	3.78	A
15+18+50 +18+18+25	1.5+1.8+5.0 +1.8+1.8+2.5	0.96+1.15+3.19 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+2.5+6.5 +2.5+2.5+3.9	1.24+1.55+4.02 +1.91+1.91+2.98	13.6	3600	3.78	A
15+18+50 +18+18+35	1.5+1.8+5.0 +1.8+1.8+3.5	0.96+1.15+3.19 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+2.5+6.5 +2.5+2.5+4.8	1.24+1.55+4.02 +1.73+1.73+3.33	13.6	3600	3.78	A
15+18+50 +18+18+50	1.5+1.8+5.0 +1.8+1.8+5.0	0.96+1.15+3.19 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+2.5+6.5 +2.5+3.9+6.5	1.24+1.55+4.02 +1.48+1.48+3.84	13.6	3600	3.78	A
15+18+50 +18+25+25	1.5+1.8+5.0 +1.8+2.5+2.5	0.96+1.15+3.19 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+2.5+6.5 +2.5+3.9+3.9	1.24+1.55+4.02 +1.65+2.57+2.57	13.6	3600	3.78	A
15+18+50 +18+25+35	1.5+1.8+5.0 +1.8+2.5+3.5	0.96+1.15+3.19 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+2.5+6.5 +2.5+3.9+4.8	1.24+1.55+4.02 +1.52+2.37+2.91	13.6	3600	3.78	A
15+18+50 +18+35+35	1.5+1.8+5.0 +1.8+3.5+3.5	0.96+1.15+3.19 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+2.5+6.5 +2.5+4.8+4.8	1.24+1.55+4.02 +1.4+2.7+2.7	13.6	3600	3.78	A
15+18+50 +25+25+25	1.5+1.8+5.0 +2.5+2.5+2.5	0.96+1.15+3.19 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+2.5+6.5 +3.9+3.9+3.9	1.24+1.55+4.02 +2.27+2.27+2.27	13.6	3600	3.78	A
15+18+50 +25+25+35	1.5+1.8+5.0 +2.5+2.5+3.5	0.96+1.15+3.19 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+2.5+6.5 +3.9+3.9+4.8	1.24+1.55+4.02 +2.0+2.0+2.8	13.6	3600	3.78	A
15+25+25 +15+15+15	1.5+2.5+2.5 +1.5+1.5+1.5	1.22+2.04+2.04 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+3.9+3.9 +2.0+2.0+2.0	1.39+2.71+2.71 +2.0+2.0+2.0	12.8	3480	3.68	A
15+25+25 +15+15+18	1.5+2.5+2.5 +1.5+1.5+1.8	1.22+2.04+2.04 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+3.9+3.9 +2.0+2.0+2.5	1.39+2.71+2.71 +2.0+2.0+2.5	13.3	3540	3.76	A
15+25+25 +15+15+25	1.5+2.5+2.5 +1.5+1.5+2.5	1.22+2.04+2.04 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+2.0+3.9	1.39+2.71+2.71 +1.72+1.72+3.36	13.6	3600	3.78	A
15+25+25 +15+15+35	1.5+2.5+2.5 +1.5+1.5+3.5	1.22+2.04+2.04 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+2.0+4.8	1.39+2.71+2.71 +1.55+1.55+3.71	13.6	3600	3.78	A
15+25+25 +15+15+50	1.5+2.5+2.5 +1.5+1.5+5.0	1.22+2.04+2.04 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+2.0+6.5	1.39+2.71+2.71 +1.3+1.3+4.21	13.6	3600	3.78	A
15+25+25 +15+18+18	1.5+2.5+2.5 +1.5+1.8+1.8	1.22+2.04+2.04 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+3.9+3.9 +2.0+2.5+2.5	1.39+2.71+2.71 +1.94+2.43+2.43	13.6	3600	3.78	A
15+25+25 +15+18+25	1.5+2.5+2.5 +1.5+1.8+2.5	1.22+2.04+2.04 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+2.5+3.9	1.39+2.71+2.71 +1.62+2.02+3.16	13.6	3600	3.78	A
15+25+25 +15+18+35	1.5+2.5+2.5 +1.5+1.8+3.5	1.22+2.04+2.04 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+2.5+4.8	1.39+2.71+2.71 +1.46+1.83+3.51	13.6	3600	3.78	A
15+25+25 +15+18+50	1.5+2.5+2.5 +1.5+1.8+5.0	1.22+2.04+2.04 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+2.5+6.5	1.39+2.71+2.71 +1.24+1.55+4.02	13.6	3600	3.78	A
15+25+25 +15+25+25	1.5+2.5+2.5 +1.5+2.5+2.5	1.22+2.04+2.04 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+3.9+3.9	1.39+2.71+2.71 +1.39+2.71+2.71	13.6	3600	3.78	A
15+25+25 +15+25+35	1.5+2.5+2.5 +1.5+2.5+3.5	1.22+2.04+2.04 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+3.9+4.8	1.39+2.71+2.71 +1.27+2.48+3.05	13.6	3600	3.78	A
15+25+25 +15+35+35	1.5+2.5+2.5 +1.5+3.5+3.5	1.22+2.04+2.04 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+3.9+3.9 +2.0+4.8+4.8	1.39+2.71+2.71 +1.17+2.81+2.81	13.6	3600	3.78	A
15+25+25 +18+18+18	1.5+2.5+2.5 +1.8+1.8+1.8	1.22+2.04+2.04 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+3.9+3.9 +2.5+2.5+2.5	1.39+2.71+2.71 +2.27+2.27+2.27	13.6	3600	3.78	A
15+25+25 +18+18+25	1.5+2.5+2.5 +1.8+1.8+2.5	1.22+2.04+2.04 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+3.9+3.9 +2.5+2.5+3.9	1.39+2.71+2.71 +1.91+1.91+2.98	13.6	3600	3.78	A
15+25+25 +18+18+35	1.5+2.5+2.5 +1.8+1.8+3.5	1.22+2.04+2.04 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+3.9+3.9 +2.5+2.5+4.8	1.39+2.71+2.71 +1.73+1.73+3.33	13.6	3600	3.78	A
15+25+25 +18+18+50	1.5+2.5+2.5 +1.8+1.8+5.0	1.22+2.04+2.04 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+3.9+3.9 +2.5+2.5+6.5	1.39+2.71+2.71 +1.48+1.48+3.84	13.6	3600	3.78	A
15+25+25 +18+25+25	1.5+2.5+2.5 +1.8+2.5+2.5	1.22+2.04+2.04 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+3.9+3.9 +2.5+3.9+3.9	1.39+2.71+2.71 +1.65+2.57+2.57	13.6	3600	3.78	A
15+25+25 +18+25+35	1.5+2.5+2.5 +1.8+2.5+3.5	1.22+2.04+2.04 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+3.9+3.9 +2.5+3.9+4.8	1.39+2.71+2.71 +1.52+2.37+2.91	13.6	3600	3.78	A
15+25+25 +18+35+35	1.5+2.5+2.5 +1.8+3.5+3.5	1.22+2.04+2.04 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+3.9+3.9 +2.5+4.8+4.8	1.39+2.71+2.71 +1.4+2.7+2.7	13.6	3600	3.78	A
15+25+25 +25+25+25	1.5+2.5+2.5 +2.5+2.5+2.5	1.22+2.04+2.04 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+3.9+3.9 +3.9+3.9+3.9	1.39+2.71+2.71 +2.27+2.27+2.27	13.6	3600	3.78	A
15+25+25 +25+25+35	1.5+2.5+2.5 +2.5+2.5+3.5	1.22+2.04+2.04 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+3.9+3.9 +3.9+3.9+4.8	1.39+2.71+2.71 +2.0+2.0+2.8	13.6	3600	3.78	A
15+25+35 +15+15+15	1.5+2.5+3.5 +1.5+1.5+1.5	1.06+1.77+2.47 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+3.9+4.8 +2.0+2.0+2.0	1.27+2.48+3.05 +2.0+2.0+2.0	12.8	3480	3.68	A
15+25+35 +15+15+18	1.5+2.5+3.5 +1.5+1.5+1.8	1.06+1.77+2.47 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+3.9+4.8 +2.0+2.0+2.5	1.27+2.48+3.05 +2.0+2.0+2.5	13.3	3540	3.76	A
15+25+35 +15+15+35	1.5+2.5+3.5 +1.5+1.5+3.5	1.06+1.77+2.47 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+2.0+4.8	1.27+2.48+3.05 +1.55+1.55+3.71	13.6	3600	3.78	A
15+25+35 +15+15+50	1.5+2.5+3.5 +1.5+1.5+5.0	1.06+1.77+2.47 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+2.0+6.5	1.27+2.48+3.05 +1.3+1.3+4.21	13.6	3600	3.78	A
15+25+35 +15+18+18	1.5+2.5+3.5 +1.5+1.8+1.8	1.06+1.77+2.47 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+3.9+4.8 +2.0+2.5+2.5	1.27+2.48+3.05 +1.94+2.43+2.43	13.6	3600	3.78	A

Notes:

- Two units must be connected
- Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE							HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class	
15+25+35 +15+18+25	1.5+2.5+3.5 +1.5+1.8+2.5	1.06+1.77+2.47 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+2.5+3.9	1.27+2.48+3.05 +1.62+2.02+3.16	13.6	3600	3.78	A	
15+25+35 +15+18+35	1.5+2.5+3.5 +1.5+1.8+3.5	1.06+1.77+2.47 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+2.5+4.8	1.27+2.48+3.05 +1.46+1.83+3.51	13.6	3600	3.78	A	
15+25+35 +15+18+50	1.5+2.5+3.5 +1.5+1.8+5.0	1.06+1.77+2.47 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+2.5+6.5	1.27+2.48+3.05 +1.24+1.55+4.02	13.6	3600	3.78	A	
15+25+35 +15+25+25	1.5+2.5+3.5 +1.5+2.5+2.5	1.06+1.77+2.47 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+3.9+3.9	1.27+2.48+3.05 +1.39+2.71+2.71	13.6	3600	3.78	A	
15+25+35 +15+25+35	1.5+2.5+3.5 +1.5+2.5+3.5	1.06+1.77+2.47 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+3.9+4.8	1.27+2.48+3.05 +1.27+2.48+3.05	13.6	3600	3.78	A	
15+25+35 +15+35+35	1.5+2.5+3.5 +1.5+3.5+3.5	1.06+1.77+2.47 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+3.9+4.8 +2.0+4.8+4.8	1.27+2.48+3.05 +1.17+2.81+2.81	13.6	3600	3.78	A	
15+25+35 +18+18+18	1.5+2.5+3.5 +1.8+1.8+1.8	1.06+1.77+2.47 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+3.9+4.8 +2.5+2.5+2.5	1.27+2.48+3.05 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+25+35 +18+18+25	1.5+2.5+3.5 +1.8+1.8+2.5	1.06+1.77+2.47 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+3.9+4.8 +2.5+2.5+3.9	1.27+2.48+3.05 +1.91+1.91+2.98	13.6	3600	3.78	A	
15+25+35 +18+18+35	1.5+2.5+3.5 +1.8+1.8+3.5	1.06+1.77+2.47 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+3.9+4.8 +2.5+2.5+4.8	1.27+2.48+3.05 +1.73+1.73+3.33	13.6	3600	3.78	A	
15+25+35 +18+18+50	1.5+2.5+3.5 +1.8+1.8+5.0	1.06+1.77+2.47 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+3.9+4.8 +2.5+2.5+6.5	1.27+2.48+3.05 +1.48+1.48+3.84	13.6	3600	3.78	A	
15+25+35 +18+25+25	1.5+2.5+3.5 +1.8+2.5+2.5	1.06+1.77+2.47 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+3.9+4.8 +2.5+3.9+3.9	1.27+2.48+3.05 +1.65+2.57+2.57	13.6	3600	3.78	A	
15+25+35 +18+25+35	1.5+2.5+3.5 +1.8+2.5+3.5	1.06+1.77+2.47 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+3.9+4.8 +2.5+3.9+4.8	1.27+2.48+3.05 +1.52+2.37+2.91	13.6	3600	3.78	A	
15+25+35 +18+35+35	1.5+2.5+3.5 +1.8+3.5+3.5	1.06+1.77+2.47 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+3.9+4.8 +2.5+4.8+4.8	1.27+2.48+3.05 +1.4+2.7+2.7	13.6	3600	3.78	A	
15+25+35 +25+25+25	1.5+2.5+3.5 +2.5+2.5+2.5	1.06+1.77+2.47 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+3.9+4.8 +3.9+3.9+3.9	1.27+2.48+3.05 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+25+35 +25+25+35	1.5+2.5+3.5 +2.5+2.5+3.5	1.06+1.77+2.47 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+3.9+4.8 +3.9+3.9+4.8	1.27+2.48+3.05 +2.0+2.0+2.8	13.6	3600	3.78	A	
15+35+35 +15+15+15	1.5+3.5+3.5 +1.5+1.5+1.5	0.94+2.18+2.18 +1.5+1.5+1.5	9.8	2970	3.30	A	2.0+4.8+4.8 +2.0+2.0+2.0	1.17+2.81+2.81 +2.0+2.0+2.0	12.8	3480	3.68	A	
15+35+35 +15+15+18	1.5+3.5+3.5 +1.5+1.5+1.8	0.94+2.18+2.18 +1.5+1.5+1.8	10.1	3070	3.29	A	2.0+4.8+4.8 +2.0+2.0+2.5	1.17+2.81+2.81 +2.0+2.0+2.5	13.3	3540	3.76	A	
15+35+35 +15+15+25	1.5+3.5+3.5 +1.5+1.5+2.5	0.94+2.18+2.18 +1.45+1.45+2.41	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+2.0+3.9	1.17+2.81+2.81 +1.72+1.72+3.36	13.6	3600	3.78	A	
15+35+35 +15+15+35	1.5+3.5+3.5 +1.5+1.5+3.5	0.94+2.18+2.18 +1.22+1.22+2.85	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+2.0+4.8	1.17+2.81+2.81 +1.55+1.55+3.71	13.6	3600	3.78	A	
15+35+35 +15+15+50	1.5+3.5+3.5 +1.5+1.5+5.0	0.94+2.18+2.18 +0.99+0.99+3.31	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+2.0+6.5	1.17+2.81+2.81 +1.3+1.3+4.21	13.6	3600	3.78	A	
15+35+35 +15+18+18	1.5+3.5+3.5 +1.5+1.8+1.8	0.94+2.18+2.18 +1.5+1.8+1.8	10.4	3150	3.30	A	2.0+4.8+4.8 +2.0+2.5+2.5	1.17+2.81+2.81 +1.94+1.94+2.43	13.6	3600	3.78	A	
15+35+35 +15+18+25	1.5+3.5+3.5 +1.5+1.8+2.5	0.94+2.18+2.18 +1.37+1.64+2.28	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+2.5+3.9	1.17+2.81+2.81 +1.62+2.02+3.16	13.6	3600	3.78	A	
15+35+35 +15+18+35	1.5+3.5+3.5 +1.5+1.8+3.5	0.94+2.18+2.18 +1.17+1.4+2.73	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+2.5+4.8	1.17+2.81+2.81 +1.46+1.83+3.51	13.6	3600	3.78	A	
15+35+35 +15+18+50	1.5+3.5+3.5 +1.5+1.8+5.0	0.94+2.18+2.18 +0.96+1.15+3.19	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+2.5+6.5	1.17+2.81+2.81 +1.24+1.55+4.02	13.6	3600	3.78	A	
15+35+35 +15+25+25	1.5+3.5+3.5 +1.5+2.5+2.5	0.94+2.18+2.18 +1.22+2.04+2.04	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+3.9+3.9	1.17+2.81+2.81 +1.39+1.39+2.71	13.6	3600	3.78	A	
15+35+35 +15+25+35	1.5+3.5+3.5 +1.5+2.5+3.5	0.94+2.18+2.18 +1.06+1.77+2.47	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+3.9+4.8	1.17+2.81+2.81 +1.27+2.48+3.05	13.6	3600	3.78	A	
15+35+35 +15+35+35	1.5+3.5+3.5 +1.5+3.5+3.5	0.94+2.18+2.18 +0.94+2.18+2.18	10.6	3200	3.31	A	2.0+4.8+4.8 +2.0+4.8+4.8	1.17+2.81+2.81 +1.17+2.81+2.81	13.6	3600	3.78	A	
15+35+35 +18+18+18	1.5+3.5+3.5 +1.8+1.8+1.8	0.94+2.18+2.18 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+4.8+4.8 +2.5+2.5+2.5	1.17+2.81+2.81 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+35+35 +18+18+25	1.5+3.5+3.5 +1.8+1.8+2.5	0.94+2.18+2.18 +1.56+1.56+2.17	10.6	3200	3.31	A	2.0+4.8+4.8 +2.5+2.5+3.9	1.17+2.81+2.81 +1.91+1.91+2.98	13.6	3600	3.78	A	
15+35+35 +18+18+35	1.5+3.5+3.5 +1.8+1.8+3.5	0.94+2.18+2.18 +1.34+1.34+2.61	10.6	3200	3.31	A	2.0+4.8+4.8 +2.5+2.5+4.8	1.17+2.81+2.81 +1.73+1.73+3.33	13.6	3600	3.78	A	
15+35+35 +18+18+50	1.5+3.5+3.5 +1.8+1.8+5.0	0.94+2.18+2.18 +1.11+1.11+3.08	10.6	3200	3.31	A	2.0+4.8+4.8 +2.5+2.5+6.5	1.17+2.81+2.81 +1.48+1.48+3.84	13.6	3600	3.78	A	
15+35+35 +18+25+25	1.5+3.5+3.5 +1.8+2.5+2.5	0.94+2.18+2.18 +1.4+1.95+1.95	10.6	3200	3.31	A	2.0+4.8+4.8 +2.5+3.9+3.9	1.17+2.81+2.81 +1.65+2.57+2.57	13.6	3600	3.78	A	
15+35+35 +18+25+35	1.5+3.5+3.5 +1.8+2.5+3.5	0.94+2.18+2.18 +1.22+1.7+2.38	10.6	3200	3.31	A	2.0+4.8+4.8 +2.5+3.9+4.8	1.17+2.81+2.81 +1.52+2.37+2.91	13.6	3600	3.78	A	
15+35+35 +18+35+35	1.5+3.5+3.5 +1.8+3.5+3.5	0.94+2.18+2.18 +1.08+2.11+2.11	10.6	3200	3.31	A	2.0+4.8+4.8 +2.5+4.8+4.8	1.17+2.81+2.81 +1.4+2.7+2.7	13.6	3600	3.78	A	
15+35+35 +25+25+25	1.5+3.5+3.5 +2.5+2.5+2.5	0.94+2.18+2.18 +1.77+1.77+1.77	10.6	3200	3.31	A	2.0+4.8+4.8 +3.9+3.9+3.9	1.17+2.81+2.81 +2.27+2.27+2.27	13.6	3600	3.78	A	
15+35+35 +25+25+35	1.5+3.5+3.5 +2.5+2.5+3.5	0.94+2.18+2.18 +1.56+1.56+2.18	10.6	3200	3.31	A	2.0+4.8+4.8 +3.9+3.9+4.8	1.17+2.81+2.81 +2.0+2.0+2.8	13.6	3600	3.78	A	

- Notes:
 1. Two units must be connected
 2. Capacity for single connected unit applies when two units are connected

Combinations

RAC MULTIZONE



RAM-110NP6B INDOOR UNIT COMBINATIONS

Combination of Indoor Units (kW)	COOLING MODE						HEATING MODE					
	Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit			Nominal Capacity (kW)	Capacity/ Indoor Unit (kW)	Total Capacity (kW)	Outdoor Unit		
				Power Input (W)	EER	Energy Class				Power Input (W)	COP	Energy Class
18+18+18 +18+18+18	1.8+1.8+1.8 +1.8+1.8+1.8	1.77+1.77+1.77 +1.77+1.77+1.77	10.6	3200	3.31	A	2.5+2.5+2.5 +2.5+2.5+2.5	2.27+2.27+2.27 +2.27+2.27+2.27	13.6	3600	3.78	A
18+18+18 +18+18+25	1.8+1.8+1.8 +1.8+1.8+2.5	1.77+1.77+1.77 +1.56+1.56+2.17	10.6	3200	3.31	A	2.5+2.5+2.5 +2.5+2.5+3.9	2.27+2.27+2.27 +1.91+1.91+2.98	13.6	3600	3.78	A
18+18+18 +18+18+35	1.8+1.8+1.8 +1.8+1.8+3.5	1.77+1.77+1.77 +1.34+1.34+2.61	10.6	3200	3.31	A	2.5+2.5+2.5 +2.5+2.5+4.8	2.27+2.27+2.27 +1.73+1.73+3.33	13.6	3600	3.78	A
18+18+18 +18+18+50	1.8+1.8+1.8 +1.8+1.8+5.0	1.77+1.77+1.77 +1.11+1.11+3.08	10.6	3200	3.31	A	2.5+2.5+2.5 +2.5+2.5+6.5	2.27+2.27+2.27 +1.48+1.48+3.84	13.6	3600	3.78	A
18+18+25 +18+18+25	1.8+1.8+2.5 +1.8+1.8+2.5	1.56+1.56+2.17 +1.56+1.56+2.17	10.6	3200	3.31	A	2.5+2.5+3.9 +2.5+2.5+3.9	1.91+1.91+2.98 +1.91+1.91+2.98	13.6	3600	3.78	A
18+18+25 +18+18+35	1.8+1.8+2.5 +1.8+1.8+3.5	1.56+1.56+2.17 +1.34+1.34+2.61	10.6	3200	3.31	A	2.5+2.5+3.9 +2.5+2.5+4.8	1.91+1.91+2.98 +1.73+1.73+3.33	13.6	3600	3.78	A
18+18+25 +18+18+50	1.8+1.8+2.5 +1.8+1.8+5.0	1.56+1.56+2.17 +1.11+1.11+3.08	10.6	3200	3.31	A	2.5+2.5+3.9 +2.5+2.5+6.5	1.91+1.91+2.98 +1.48+1.48+3.84	13.6	3600	3.78	A
18+18+35 +18+18+35	1.8+1.8+3.5 +1.8+1.8+3.5	1.34+1.34+2.61 +1.34+1.34+2.61	10.6	3200	3.31	A	2.5+2.5+4.8 +2.5+2.5+4.8	1.73+1.73+3.33 +1.73+1.73+3.33	13.6	3600	3.78	A
18+18+35 +18+18+50	1.8+1.8+3.5 +1.8+1.8+5.0	1.34+1.34+2.61 +1.11+1.11+3.08	10.6	3200	3.31	A	2.5+2.5+4.8 +2.5+2.5+6.5	1.73+1.73+3.33 +1.48+1.48+3.84	13.6	3600	3.78	A
18+18+50 +18+18+50	1.8+1.8+5.0 +1.8+1.8+5.0	1.56+1.56+2.17 +1.4+1.95+1.95	10.6	3200	3.31	A	2.5+2.5+6.5 +2.5+2.5+6.5	1.48+1.48+3.84 +1.48+1.48+3.84	13.6	3600	3.78	A
18+18+25 +18+25+25	1.8+1.8+2.5 +1.8+2.5+2.5	1.11+1.11+3.08 +1.11+1.11+3.08	10.6	3200	3.31	A	2.5+2.5+3.9 +2.5+3.9+3.9	1.91+1.91+2.98 +1.65+2.57+2.57	13.6	3600	3.78	A
18+18+25 +18+25+35	1.8+1.8+2.5 +1.8+2.5+3.5	1.11+1.11+3.08 +1.22+1.7+2.38	10.6	3200	3.31	A	2.5+2.5+3.9 +2.5+3.9+4.8	1.91+1.91+2.98 +1.52+2.37+2.91	13.6	3600	3.78	A
18+18+50 +18+25+25	1.8+1.8+5.0 +1.8+2.5+2.5	1.11+1.11+3.08 +1.4+1.95+1.95	10.6	3200	3.31	A	2.5+2.5+6.5 +2.5+3.9+3.9	1.48+1.48+3.84 +1.65+2.57+2.57	13.6	3600	3.78	A
18+18+35 +18+25+35	1.8+1.8+3.5 +1.8+2.5+3.5	1.34+1.34+2.61 +1.22+1.7+2.38	10.6	3200	3.31	A	2.5+2.5+4.8 +2.5+3.9+4.8	1.73+1.73+3.33 +1.52+2.37+2.91	13.6	3600	3.78	A
18+18+50 +18+25+35	1.8+1.8+5.0 +1.8+2.5+3.5	1.11+1.11+3.08 +1.22+1.7+2.38	10.6	3200	3.31	A	2.5+2.5+6.5 +2.5+3.9+4.8	1.48+1.48+3.84 +1.52+2.37+2.91	13.6	3600	3.78	A
18+18+35 +18+35+35	1.8+1.8+3.5 +1.8+3.5+3.5	1.34+1.34+2.61 +1.08+2.11+2.11	10.6	3200	3.31	A	2.5+2.5+4.8 +2.5+4.8+4.8	1.73+1.73+3.33 +1.4+2.7+2.7	13.6	3600	3.78	A
18+18+50 +18+35+35	1.8+1.8+5.0 +1.8+3.5+3.5	1.11+1.11+3.08 +1.08+2.11+2.11	10.6	3200	3.31	A	2.5+2.5+6.5 +2.5+4.8+4.8	1.48+1.48+3.84 +1.4+1.4+2.7	13.6	3600	3.78	A
18+25+25 +18+25+25	1.8+2.5+2.5 +1.8+2.5+2.5	1.4+1.95+1.95 +1.4+1.95+1.95	10.6	3200	3.31	A	2.5+3.9+3.9 +2.5+3.9+3.9	1.65+1.65+2.57 +1.65+1.65+2.57	13.6	3600	3.78	A
18+25+25 +18+25+35	1.8+2.5+2.5 +1.8+2.5+3.5	1.4+1.95+1.95 +1.22+1.7+2.38	10.6	3200	3.31	A	2.5+3.9+3.9 +2.5+3.9+4.8	1.65+1.65+2.57 +1.52+2.37+2.91	13.6	3600	3.78	A
18+18+50 +25+25+25	1.8+1.8+5.0 +2.5+2.5+2.5	1.11+1.11+3.08 +1.77+1.77+1.77	10.6	3200	3.31	A	2.5+2.5+6.5 +3.9+3.9+3.9	1.48+1.48+3.84 +2.27+2.27+2.27	13.6	3600	3.78	A
18+25+35 +18+25+35	1.8+1.8+5.0 +2.5+2.5+2.5	1.22+1.7+2.38 +1.22+1.7+2.38	10.6	3200	3.31	A	2.5+3.9+4.8 +2.5+3.9+4.8	1.52+2.37+2.91 +1.52+2.37+2.91	13.6	3600	3.78	A
18+18+50 +25+25+35	1.8+1.8+5.0 +2.5+2.5+3.5	1.11+1.11+3.08 +1.56+1.56+2.18	10.6	3200	3.31	A	2.5+2.5+6.5 +3.9+3.9+4.8	1.48+1.48+3.84 +2.0+2.0+2.8	13.6	3600	3.78	A
18+25+35 +18+35+35	1.8+1.8+5.0 +2.5+3.5+2.5	1.22+1.7+2.38 +1.08+2.11+2.11	10.6	3200	3.31	A	2.5+3.9+4.8 +2.5+4.8+4.8	1.52+2.37+2.91 +1.4+2.7+2.7	13.6	3600	3.78	A
18+25+25 +25+25+25	1.8+2.5+2.5 +2.5+2.5+2.5	1.4+1.95+1.95 +1.77+1.77+1.77	10.6	3200	3.31	A	2.5+3.9+3.9 +3.9+3.9+3.9	1.65+1.65+2.57 +2.27+2.27+2.27	13.6	3600	3.78	A
18+25+35 +25+25+35	1.8+2.5+3.5 +2.5+2.5+3.5	1.22+1.7+2.38 +1.56+1.56+2.18	10.6	3200	3.31	A	2.5+3.9+4.8 +3.9+3.9+4.8	1.52+2.37+2.91 +2.0+2.0+2.8	13.6	3600	3.78	A
18+35+35 +25+25+35	1.8+3.5+3.5 +2.5+2.5+3.5	1.08+2.11+2.11 +1.56+1.56+2.18	10.6	3200	3.31	A	2.5+4.8+4.8 +2.5+3.9+4.8	1.4+2.7+2.7 +2.0+2.0+2.8	13.6	3600	3.78	A
25+25+25 +25+25+25	2.5+2.5+2.5 +2.5+2.5+2.5	1.77+1.77+1.77 +1.77+1.77+1.77	10.6	3200	3.31	A	3.9+3.9+3.9 +3.9+3.9+3.9	2.27+2.27+2.27 +2.27+2.27+2.27	13.6	3600	3.78	A
25+25+25 +25+25+35	2.5+2.5+2.5 +2.5+2.5+3.5	1.77+1.77+1.77 +1.56+1.56+2.18	10.6	3200	3.31	A	3.9+3.9+3.9 +3.9+3.9+4.8	2.27+2.27+2.27 +2.0+2.0+2.8	13.6	3600	3.78	A
25+25+35 +25+25+35	2.5+2.5+3.5 +2.5+2.5+3.5	1.56+1.56+2.18 +1.56+1.56+2.18	10.6	3200	3.31	A	3.9+3.9+4.8 +3.9+3.9+4.8	2.0+2.0+2.8 +2.0+2.0+2.8	13.6	3600	3.78	A

- Notes:
- Two units must be connected
 - Capacity for single connected unit applies when two units are connected