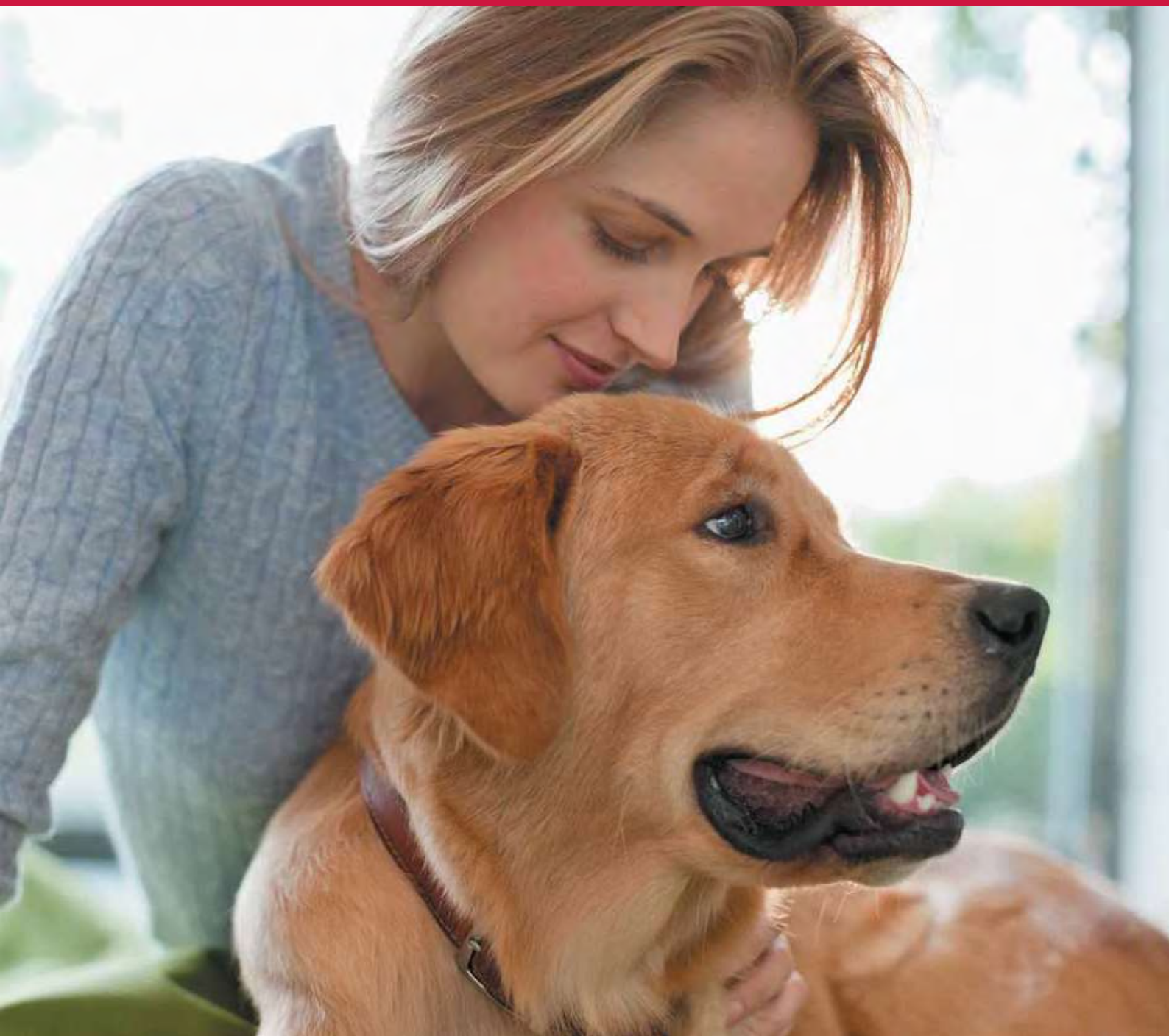
The standard multi-splits range comprises 5 outdoor units capable of air conditioning up to five different areas with the same unit. The capacity of its units and its wide-ranging combinations mean it can be adapted to suit all installation configurations

The new Dodai 2 multi-splits range features 2 and 3 outputs to connect up to 3 Dodai 2 indoor wall units



Multi-splits

Standard multi-split outdoor units



Indoor units









Dodai 2 multi-split outdoor units



Indoor units



* JOHNSON CONTROLS - HITACHI AIR CONDITIONING EUROPE SAS participate in the Eurovent Certification Program for the AC/VRF/LCP-HP categories. Information on certified models can be found in the Eurovent Directory (www.eurovent-certification.com).

Quick selection guide

RAM- NPE standard multi-split outdoor units

Nom. capacity Cooling (kW)	3.3	4.0	5.3	6.8/7.0	8.5	10.0
Capacity at full charge at -7°C Heating (kW)	Up to 3.5	Up to 4.0	Up to 5.5	Up to 6.5	Up to 7.8	Up to 8.0
(3.3 and 4.0 kW) (5.3 kW) — 2 outputs	SEER A+++ 8.50 SCOP A++ 4.60	SEER A+++ 8.50 SCOP A++ 4.60	SEER A+++ 8.50 SCOP A++ 4.60			
(5.3 and 6.8 kW) — 3 outputs			SEER A+++ 8.50 SCOP A++ 4.60	SEER A++ 8.10 SCOP A++ 4.60		
(7.0 kW) — 4 outputs				SEER A++ 8.10 SCOP A++ 4.60		
(8.5 and 10.0 kW) — 5 outputs					SEER A++ 7.90 SCOP A++ 4.30	SEER A++ 6.52 SCOP A++ 4.22

R32 REFRIGERANT

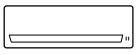
HYBERNATE
Putting electronic components into standby mode

HIGH CAPACITY at -7°C

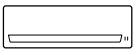
VECTOR CONTROL
Compressor control at very low frequency
Reduced sound level
Energy savings

Compatible indoor units

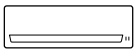
Mono/Multi-Splits indoor units



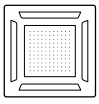
Shirokuma wall
RAK-18QXE
25~50 RXE



Performance wall
RAK-15QPE
RAK-18~50RPE



Light commercial wall
RAK-60RPE



Cassette 600x600 R32
RAI-25~ 60RPE



Shirokuma console
RAF-25~50RXE



R32 Ducted
RAD-18QPE
RAD-25~60RPE

RAM-NEF Dodai 2 multi-split outdoor units

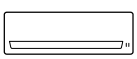
Nom. capacity Cooling (kW)	4.0	5.3
Capacity at full charge at -7°C Heating (kW)	Up to 3,5	Up to 4,3
(4 and 5.3 kW) — 2 outputs	SEER A++ 8.25 SCOP A+ 4.30	SEER A++ 8.10 SCOP A+ 4.10
(5.3 kW) — 3 outputs		SEER A++ 8.10 SCOP A+ 4.10

R32 REFRIGERANT

Compatible indoor units

NEW

Mono/Multi-Splits indoor units



Dodai 2
RAK-15QEF
RAK-18~50REF

Benefits
Multi-splits

1 Discrete and harmonious design



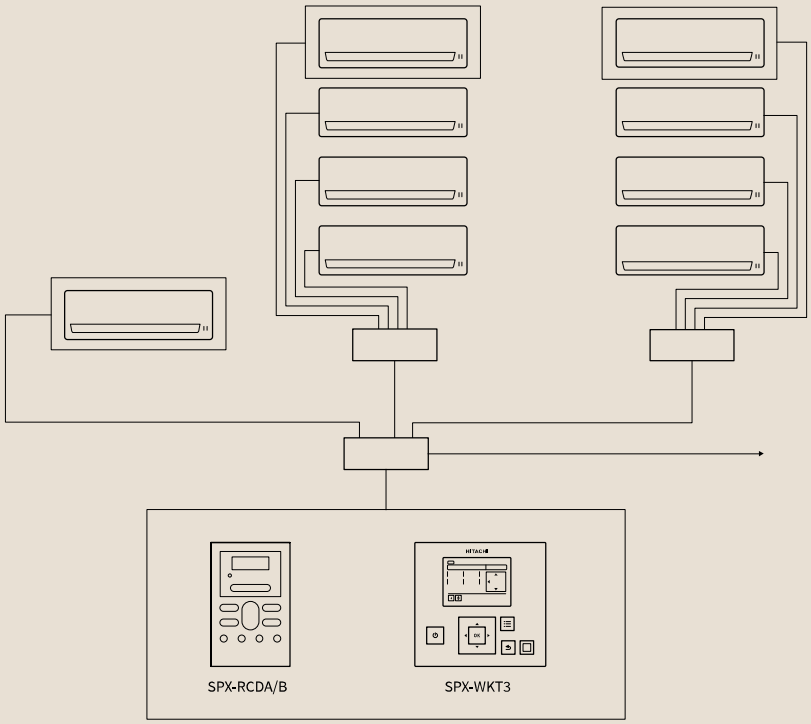
Thanks to their harmonized design, the Shirokuma and Shirokuma consoles are perfectly suited to all interiors.

2 Simplified maintenance and installation



- The ducted type units adapt the static pressure according to the requirements of individual installations.
- The bi-split outdoor units are delivered pre-charged with R32 refrigerant. No additional refrigerant is required. This means savings on installation costs and times.
- Alarm codes are indicated on the remote control, saving troubleshooting time.

3 Regulation solutions for centralized installation control



- Centralized control of up to 13 indoor units with the SPX-WTK3 wired control unit and SPX-DST1 + SPX-WDST8M box

Multi-splits

R32 standard outdoor units



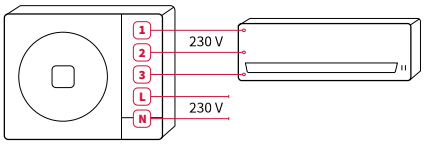
	Ref.	RAM-33NP2E	RAM-40NP2E	RAM-53NP2E	RAM-53NP3E	RAM-68NP3E	RAM-70NP4E	RAM-90NP5E	RAM-110NP5E
Number of connectible units (min-max)		2			2/3		2/4	2/5	2/5
Capacity Cooling (min-max)	kW	3.3 (1.50 - 3.80)	4.00 (1.50 - 4.20)	5.30 (1.50 - 6.60)		6.80 (2.40 - 8.00)	7.00 (2.40 - 8.80)	8.50 (1.52 - 9.50)	10.00 (1.50 - 12.50)
Capacity Heating (min-max)	kW	4.00 (1.50 - 4.60)	5.20 (1.50 - 5.50)	6.80 (1.50 - 7.20)		8.50 (2.40 - 9.50)	8.50 (2.60 - 9.50)	10.0 (1.50 - 11.50)	12.00 (1.50 - 12.70)
Capacity at full charge at -7°C [1]	kW	**3.20**	**3,80**	**4.50**	**5.00**	**6.50**		**7.80**	**8.00**
Absorbed nom. capacity Cooling (min-max)	kW	0.73 (0.20 - 1.05)	0.95 (0.20 - 1.15)	1.26 (0.20 - 1.66)	1.29 (0.20 - 1.68)	1.83 (0.46 - 2.96)	1.89 (0.46 - 3.20)	2.50 (0.50 - 3.85)	3.096 (0.50 - 4.50)
Absorbed nom. capacity Heating (min-max)	kW	0.90 (0.20 - 1.50)	1.18 (0.20 - 1.50)	1.61 (0.20 - 2.01)	1.61 (0.20 - 2.01)	2.12 (0.43 - 2.60)	2.02 (0.48 - 3.12)	2.56 (0.50 - 3.85)	3.158 (0.50 - 5.00)
EER/COP		**4.50/4.40**	**4.20/4.40**	**4.20/4.20**	**4.10/4.20**	**3.70/4.00**	**3.70/4.20**	**3.40/3.90**	**3.23/3.8**
SEER/SCOP (medium climate)		**8.50/4.60**				**8.10/4.60**		**7.90/4.30**	**6.52/4.22**
Seasonal energy class (Cooling/Heating)		**A+++ / A++**				**A++ / A++**			**A++ / A+**
Sound Pressure Cooling	dB(A)	48	49	50				53	54
Sound pressure	dB(A)	47/60		50/61		50/63	57/63	57/66	68
Air flow (Cooling/Heating)	m³/h	1620/1620		2160/2160		2700/2700		3900/3900	4000/4000
Dimensions (HxWxD)	mm	570 x 750 x 280		750 x 850 x 298	800 x 850 x 298			800 x 950 x 370	
Weight	kg	38	41	53	54	58		71	76
Electrical power		220 - 230V							
Maximum current	A	6		8		10		12	20
Cable diameter (EN 60 335-1)	mm²	2.50 x 2+T							
Indoor/outdoor wiring section	mm²	1.50 x 3+T							
Pipe diameter (Liq/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)	
Initial refrigerant charge	kg	1.02		1.80	2.05			2.40	
Pre-charged for	m	35			30			35	30
Minimum length	m	3							
Maximum length/Additional refrigerant	m/g/m	35 / -			60/20			75/15	75/13
Maximum height difference	m	15		20					
Operating range Cooling	°C	-10°C/+46°C							
Operating range Heating	°C	-15°C/+24°C							
Refrigerant		R32							
Compressor		**ROTARY**		**TWIN ROTARY**					
Outdoor unit price	(pre-tax)								
	(pre-tax)								

[1] Data includes defrosting. For the data corresponding to your project, use our technical catalogs or the Hi-ToolKit for business software.

Please note

The returned capacity of each indoor unit depends on the outdoor unit, the selected combination, pipe length and outdoor temperature. The pipe length used to determine the values above is 10 m. Total capacity cannot exceed the unit capacity: please refer to the combination table. For more information on selecting, please refer to our technical documentation or use the Hi-ToolKit software.

Indoor units are powered with 220-230 V from the outdoor unit.



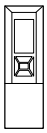
Compatible controls and accessories



Programmable wired control

SPX-WKT3

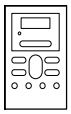
Pre-tax price: P. <?>



Infrared remote control

SPX-RCKA1 for ducted
SPX-RCKA2 for RAK-60RPE
SPX-RCKA3 for cassette

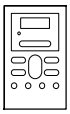
Pre-tax price: P. <?>



Simplified wired control

SPX-RCDA

Pre-tax price: P. <?>



Simplified wired control

SPX-RCDB

Pre-tax price: P. <?>

Multi-splits

Indoor units

Shirokuma



Shirokuma wall range

Perfectly suited to all installation types, with special models available for smaller surface areas. The size 18 model can be switched to reduce capacity (1.8 kW > 1.2 kW* cooling and 2.5 kW > 1.8 kW* heating).

Presence sensor

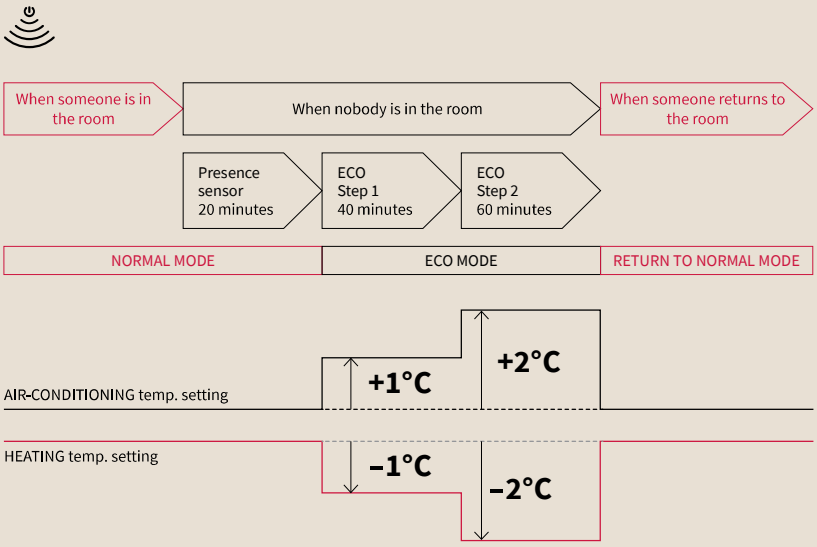
It adjusts indoor unit operation depending on whether anyone is in the room. See Eco Sensor illustration opposite.

Ultra-efficient filtration

STAINLESS pre-filters and Active Carbon filters as standard.

Extra quiet units

20 dB(A) for size 25.



	Ref.	RAK-18QXE	RAK-25RXE	RAK-35RXE	RAK-50RXE
Capacity Cooling (min-max)	kW	**1.80** (1.00 - 2.50)	**2.50** (0.90 - 3.10)	**3.50** (0.90 - 4.00)	**5.00** (1.90 - 5.20)
Capacity Heating (min-max)	kW	**2.50** (1.10 - 3.20)	**3.20** (0.90 - 4.20)	**4.00** (0.90 - 4.80)	**5.80** (2.20 - 7.00)
Sound pressure Cooling (Very low - Low - Medium - High)[2]	dB(A)	**20/25/30/36**	**20/27/35/43**	**22/29/37/45**	**25/31/39/47**
Sound pressure	dB(A)	49	58	60	
Air flow Cooling (Very low - Low - Medium - High)	m³/h	300/330/430/500	300/330/510/600	320/340/520/660	350/400/580/720
Dehumidification	l/h	1.2	1.4	1.6	2.0
Dimensions (H x W x D)	mm	295 x 900 x 210			
Pipe diameter (Liq/gas)	inch	1/4 - 3/8			1/4 - 1/2
Weight	kg	11.0			
Electrical power	V	220 - 230V			
Cable diameter (EN 60 335 - 1)	mm²	3 x 1.50+T			3 x 2.50+T
Remote control		infrared weekly RAR-6NE1 (included)			
Indoor unit price	(pre-tax)				
	(pre-tax)				

Multi-splits

Indoor units

Performance Wall and Small



The Performance Wall range

Perfectly suited to all installation types, with special models available for smaller surface areas.
The size 15 model can be switched to reduce the capacity (1.5 kW > 1 kW* cooling and 2 kW > 1.5 kW* heating).

	Unit	RAK-15QPE	RAK-18RPE	RAK-25RPE	RAK-35RPE	RAK-42RPE	RAK-50RPE	RAK-60RPE
Capacity Cooling (min-max)	kW	**1.50** (0.90 - 2.00)	**2.00** (0.90 - 2.50)	**2.50** (0.90 - 3.10)	**3.50** (0.90 - 4.00)	**4.20** (1.70 - 5.00)	**5.00** (1.90 - 5.20)	**6.00** (1.20 - 6.50)
Capacity Heating (min-max)	kW	**2.00** (1.00 - 2.50)	**2.50** (0.90 - 3.20)	**3.40** (0.90 - 4.40)	**4.20** (0.90 - 5.00)	**5.40** (1.70 - 6.00)	**6.00** (2.20 - 7.30)	**7.00** (1.20 - 8.00)
Sound pressure Cooling (Very low - Low - Medium - High)[1]	dB(A)	20/24/30/34	21/24/33/37	22/24/33/40	25/26/36/43	25/28/39/46	25/28/39/46	30/33/42/48
Air flow Cooling (Very low - Low - Medium - High)	m³/h	312/350/400 420	312/350/400 440	333/370/430 510	353/420/485 680	353/410/540 720	353/410/540 750	310 / 410 / 570 / 720
Dehumidification	l/h	1.20	1.20	1.40	1.60	1.80	2.00	2.8
Dimensions (H x W x D)	mm	280 x 780 x 230						300 x 900 x 230
Pipe diameter (Liq/gas)	inch	1/4 - 3/8				1/4 - 1/2		
Weight	kg	8.5						11.5
Electrical power	V	220 - 230V						
Cable diameter (EN 60 335 - 1)	mm²	3 x 1.50+T				3 x 2.50+T		3 x 1.50+T
Remote control		infrared weekly RAR-6NE1 (included)						Not supplied (SPX-RCKA2 / SPX-RCDB / SPX-WKT3)
Indoor unit price	(pre-tax)							
	(pre-tax)							

[1] Sound pressure measurements were taken at 1 meter from the unit free field (refer to the technical catalog).

Cassette 600 × 600



Indoor units	Unit	RAI-25RPE	RAI-35RPE	RAI-50RPE	RAI-60RPE
Capacity Cooling (min-max)	kW	**2.50** (0.90 - 3.00)	**3.50** (0.90 - 4.00)	**5.00** (1.20 - 5.80)	**6.00** (1.20 - 6.50)
Capacity Heating (min-max)	kW	**3.50** (0.90 - 5.00)	**4.80** (0.90 - 6.60)	**6.00** (1.20 - 6.80)	**7.00** (1.20 - 8.00)
Capacity at full charge at -7°C with defrosting [1]	kW	2.70	3.20	4.20	4.80
Sound pressure Cooling (Very low - Low - Medium - High)[2]		27/31/35/38	27/33/37/40	29/35/39/43	
Sound pressure Heating (Very low - Low - Medium - High)[2]		28/32/36/39	28/34/38/41	30/36/40/44	
Sound pressure	dB(A)	54	56	56	
Air flow Cooling (Very low - Low - Medium - High) [2]	m³/h	360/505/590/660		390/540/630/720	
Dehumidification	l/h	1.4	1.8	2.8	3.8
Dimensions (H x W x D)	mm	285 x 570 x 570			
Dimensions facade (H x W x D)	mm	30 x 620 x 620			
Condensate pipe diameter (out)	mm	32			
Condensate pump		yes			
Pipe diameter (Liq/gas)	Inch	1/4 - 3/8		1/4 - 1/2	1/4 - 1/2
Case weight	kg	17			
Facade weight	kg	2.8			
Reference of facade		P-AP56NAMS			
Electrical power	V	220 - 230V			
Cable diameter (EN 60 335-1)	mm²	1.5 x 3+T			
Remote control		Not supplied (SPX-RCKA3 / SPX-RCDB / SPX-WKT3)			
Indoor unit price	(pre-tax)				
	(pre-tax)				
	(pre-tax)				

[1] Data includes defrosting. For the data corresponding to your project, use our technical catalogs or the Hi-ToolKit software.
[2] Sound pressure measurements were taken at 1 meter from the unit free field (refer to the technical catalog).
* Information pending.

Shirokuma console



Extended air flow

Thanks to a larger dynamic air flow, air can reach all parts of the room. The room is air-conditioned (heating or cool air) at the touch of a button on the remote control. (Fig. 1)

Flexibility with the Multi-splits range

The Shirokuma console indoor unit is compatible with all outdoor units multi-splits. This means that several indoor units can be installed in different rooms with the same outdoor unit.

High performance

The console's energy class is A+++.
Energy savings - guaranteed!

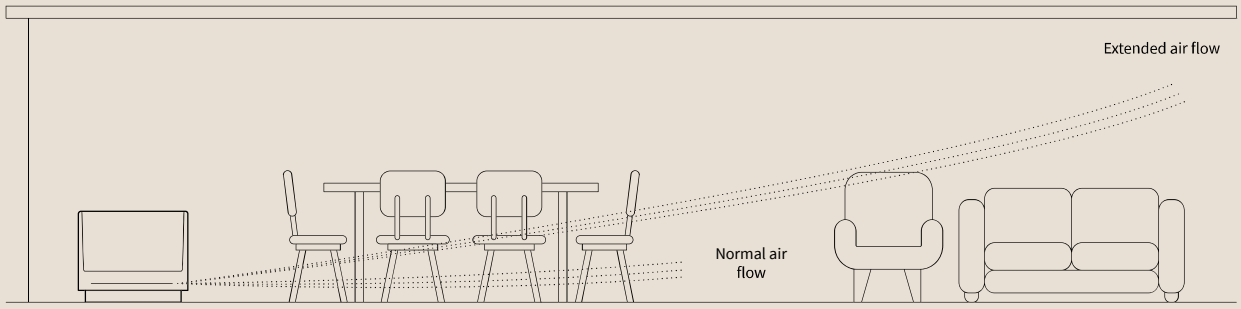
Control options

The console comes with an infrared remote control as standard. It is also compatible with the SPX-WKT3 wired control with timer.

Compatible with Hi Kumo

The entire Hitachi residential range is compatible with the Hi Kumo system which can control equipment from any mobile device which acts as a remote control.

Fig. 1



Indoor units	Unit	RAF-25RXE	RAF-35RXE	RAF-50RXE
Capacity Cooling (min-max)	kW	**2.50** (0.90 - 3.10)	**3.50** (0.90 - 4.00)	**5.00** (0.90 - 5.20)
Capacity Heating (min-max)	kW	**3.40** (0.90 - 4.40)	**4.50** (0.90 - 5.00)	**6.00** (0.90 - 8.10)
Capacity at full charge at -7°C [1]	kW	**3.10**	**3.80**	**5.00**
Sound pressure Cooling (Very low - Low - Medium - High)[2]	dB(A)	20/26/31/38	20/26/31/39	22/29/36/43
Sound pressure	dB(A)	52		56
Air flow Cooling (Very low - Low - Medium - High)	m³/h	270/390/510/630	270/390/510/660	300/450/540/720
Dehumidification	l/h	1.4	1.9	2.8
Dimensions (H x W x D)	mm	590 x 750 x 215		
Condensate pipe diameter (out)	mm	16		
Pipe diameter (Liq/gas)	inch	1/4 - 3/8		1/4 - 1/2
Weight	kg	15		
Electrical power		220 - 230 V		
Cable diameter (EN 60 335-1)	mm²	3 x 1.50+T		3 x 2.50+T
Remote control		infrared weekly RAR-6NE1 (included)		
Indoor unit price	(pre-tax)			
	(pre-tax)			

[1] Data includes defrosting. For the data corresponding to your project, use our technical catalogs or the Hi-ToolKit software.
[2] Sound pressure measurements were taken at 1 meter from the unit free field (refer to the technical catalog).

Compatible controls and accessories

Leak detector

SPX-RAFGLS

Pre-tax price:

Programmable wired control

SPX-WKT3

Pre-tax price:

Infrared remote control

SPX-RCKA1 for ducted
SPX-RCKA2 for RAK-60RPE
SPX-RCKA3 for cassette

Pre-tax price:

Simplified wired control

SPX-RCDB

Pre-tax price:

Multi-splits

Indoor units

Ducted



Ducted indoor units

They now feature static pressure control:
from 40 to 150 Pa.

Plenums (optional)

- Air delivery plenum 2 x D200.
- Return plenum 2 x D200
  (with or without filter holder).

Remote sensor (optional)

For maximum residential comfort
- Reference: SPX-RTH1
- Price (pre-tax):

Indoor units	Unit	RAD - 18QPE	RAD-25RPE	RAD-35RPE	RAD-50RPE	RAD-60RPE
Capacity Cooling (min-max)	kW	**1.80** (0.90 - 2.50)	**2.50** (0.90 - 3.00)	**3.50** (0.90 - 4.00)	**5.00** (1.20 - 5.80)	**6.00** (1.20 - 6.50)
Capacity Heating (min-max)	kW	**2.50** (0.90 - 3.20)	**3.50** (0.90 - 5.50)	**4.80** (0.90 - 6.60)	**6.00** (1.20 - 6.80)	**7.00** (1.20 - 8.00)
Capacity at full charge at -7°C [1]	kW	*	**2.50**	**3.20**	**4.20**	**5.00**
Sound pressure Cooling (Very low - Low - Medium - High)[2]	dB(A)	30/33/37/41			29/32/35/39	
Sound pressure Heating (Very low - Low - Medium - High)[2]	dB(A)	330/390/450/510	30/34/38/42		29/32/35/40	
Sound pressure[2]	dB(A)	57			53	
Air flow Cooling (Very low - Low - Medium - High)	m^3/h	330/390/450/510			350/540/800/1140	
Static pressure (Low - Medium - High)	Pa	* / * / 70			50/100/150	
Dehumidification	l/h	1.4		1.6	2.8	2.8
Dimensions (H x W x D)	mm	235 x 750 x 400			270 x 900 x 720	
Condensate pipe diameter (out)	mm	16				
Condensate pump		YES				
Pipe diameter (Liq/gas)	Inch		1/4 - 3/8		1/4 - 1/2	
Weight	kg	16			35	
Electrical power	V		220 - 230V			
Cable diameter (EN 60 335-1)	mm^2		1.50 x 3+T		2.50 x 3+T	
Remote control		Not supplied (SPX-RCKA1 / SPX-RCDB / SPX-WKT3)				

* Information pending.

Indoor unit price	(pre-tax)					
	(pre-tax)					

* Information pending.

Reference	Description	Length	Height	Depth	Compatibility	Number of connections
PIM1SOURADNH	PLENUM ISOLATED M1 2XD200 AIR DELIVERY	720	200	300+ 50	RAD-18QPE* / RAD 25-35RPE	2 x 200
PIM1REPRADNH	PLENUM ISOLATED M1 2XD200 RETURN	655	205	200+ 50	RAD-18QPE / RAD 25-35RPE	2 x 200
PIM1REPRADNHF	PLENUM ISOLATED M1 FilterHolder 2XD200 RETURN	655	205	200+ 50	RAD-18QPE / RAD 25-35RPE	2 x 200
PIM1SOURADDH	PLENUM ISOLATED M1 3XD200 AIR DELIVERY	810	225	250+ 50	RAD-50-60RPE / RAD-70PPD	3 x 200
PIM1REPRADDH	PLENUM ISOLATED M1 2XD200 RETURN	820	225	200+ 50	RAD-50-60RPE / RAD-70PPD	2 x 200

* Available in multi only

Connected and user-friendly interfaces



Airzone Blueface thermostat

Wired connection/3.5" touchscreen: Configurable as Main or zone thermostat. Numerous functions and settings, ideal for maximum control of your entire system: more efficient and responsible heating. Complete and user-friendly interface. Eco-adapt function and standby function for real energy savings. Control the temperature, operating mode and ventilation speed. Timer. Access forecasts (via the Webserver Airzone Cloud connection) to anticipate weather changes.



Airzone Think thermostat

Wired or remote connection/2.7" screen: Configurable as Main or zone thermostat. Low consumption device: the easy way to cut energy costs. Attractive and user-friendly interface. Control the temperature, operating mode and ventilation speed. Access forecasts (via the Webserver Airzone Cloud connection) to anticipate weather changes.



Airzone Lite thermostat

Wired or remote connection: Within an installation with the Blueface interface, this is the ideal solution for rapid access to main functions. Its modern and fun interface uses colors to indicate the mode and zone temperature. Zone start/stop function. Control the temperature setting by 1°C increments with amplitudes of ±3°C.



Airzone Cloud webserver

The Airzone Cloud application for smartphone, tablet and PC offers full remote control of the installation anywhere, anytime! Several servers and up to 32 systems can be controlled simultaneously with a single webserver. All your thermostat functions are located in the Cloud: Temperature control, timer, Weather forecasts, access rights…

Interface	Airzone Blueface	Airzone Think	Airzone Lite	Airzone Cloud webserver
Reference	AZCE6BLUEFACEB	AZCE6THINKCB	AZCE6LITECB	AZX6WSCLOUDDINC
Remote Connection	-	AZCE6THINKRB	AZCE6LITERB	AZX6WSCLOUDDINR
10M cable	AZX6CABLEBUS10	AZX6CABLEBUS10	AZX6CABLEBUS10	AZX6CABLEBUS10

	Ducted References	Capacity	Plenum version	Motorized air delivery plenums					Return plenum
				2 outputs	3 outputs	4 outputs	5 outputs	6 outputs	
Residential Application	RAD-RPE	5.0kW 6.0kW 7.0kW	Standard	AZEZ6HITST03M2 930 x 300 x 454	AZEZ6HITST03M3 930 x 300 x 454	AZEZ6HITST03M4 1140 x 300 x 454	AZEZ6HITST03M5 1425 x 300 x 454	AZEZ6HITST03M6 1638 x 300 x 454	AZCEZHIPR03M 818 x 223.8 (2xD250)
			Public price pre-tax						
			Medium	AZEZ6HITBS03M2 930 x 250 x 454	AZEZ6HITBS03M3 930 x 250 x 454	AZEZ6HITBS03M4 1140 x 250 x 454	AZEZ6HITBS03M5 1425 x 250 x 454	AZEZ6HITBS03M6 1638 x 250 x 454	
			Public price pre-tax						
		2.5kW 3.5kW	Standard	AZEZ6HITST04S2 930 x 300 x 454	AZEZ6HITST04S3 930 x 300 x 454	AZEZ6HITST04S4 1140 x 300 x 454		-	AZCEZHIPR04S 647.2 x 208.1 (1x D250)
			Public price pre-tax					-	
			Medium	AZEZ6HITBS04S2 930 x 250 x 454	AZEZ6HITBS04S3 930 x 250 x 454	AZEZ6HITBS04S4 1140 x 250 x 454	-	-	
			Public price pre-tax						

There are two versions of plenums available: standard version (300 mm) and medium version with new air supply (250 mm). Plenum dimensions are indicated under the reference.

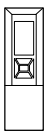
Compatible controls and accessories



Programmable wired control

SPX-WKT3

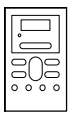
Pre-tax price:



Infrared remote control

SPX-RCKA1 for ducted
SPX-RCKA2 for RAK-60RPE
SPX-RCKA3 for cassette

Pre-tax price:



Simplified wired control

SPX-RCDA

Pre-tax price:

Multi-splits

Dodai 2 outdoor units







Outdoor units	Unit	RAM-40NE2F	RAM-53NE2F	RAM-53NE3F
Number of connectible units (min-max)		2 / 2		2 / 3
Capacity Cooling (min-max)	kW	4,0 (1,5-4,4)	5,3 (1,5-6,0)	
Capacity Heating (min-max)	kW	5,1 (1,5-5,5)	6,3 (1,5-6,6)	
Absorbed nom. capacity Cooling (min-max)	kW	1,026 (0,25-1,27)	1,293 (0,35-1,71)	1,293 (0,35-2,16)
Absorbed nom. capacity Heating (min-max)	kW	1,243 (0,25-1,70)	1,615 (0,35-2,25)	
EER/COP		3,90 / 4,10	4,10 / 3,90	
SEER/SCOP (medium climate)		8,25 / 4,30	8,10 / 4,10	
Seasonal energy class (Cooling/Heating)		A++/A+		
Sound Pressure Cooling	dB(A)	49	50	
Sound pressure	dB(A)	60	61	
Air flow (Cooling/Heating)	m^3/h	1620 / 1620	2160 / 2160	
Dimensions (HxWxD)	mm	570 x 750 x 280	750 x 850 x 298	
Weight	kg	41	51	52
Electrical power		220 - 230V		
Maximum current	A	6	8	
Cable diameter (EN 60 335-1)	mm^2	2 x 2,5 +T		
Indoor/outdoor wiring section	mm^2	3 x 1,5 +T		
Pipe diameter (Liq/gas)	inch	(1/4" x 2 / 3/8" x 2)		
Initial refrigerant charge	kg	0,93	1,59	
Pre-charged for	m	35		
Minimum length	m	3		
Maximum length/Additional refrigerant	m/g/m	35/-		45/20
Maximum height difference	m	10	20	
Operating range Cooling	°C	-10°C / 46°C		
Operating range Heating	°C	-15°C / 24°C		
Refrigerant		R32		
Compressor		Rotatif		

Multi-splits

Indoor units

Dodai 2 wall



Compatible with the Hi Kumo remote control

This application allows you to turn the unit on or off, raise or lower the temperature or set the timer from wherever you may be around the world. All you need is a smartphone, an Internet connection and Wi-Fi equipment (optional) to connect to the equipment.

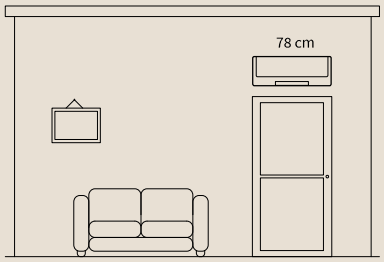
Maximum space savings

It's small enough for discrete installation. Above a door, for example, because it is only 780 mm wide. (Fig. 1)

Silent operation

Enjoy complete comfort without even noticing that the indoor unit is on, thanks to its low sound level of only 19dB*.

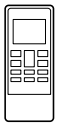
Fig. 1



Indoor units	Unit	RAK-15QEF*	RAK-18REF	RAK-25REF	RAK-35REF	RAK-50REF
Capacity Cooling (min-max)	kW	**1.50** (0.90 - 2.00)	**1.8** (0.90 - 2.50)	**2.50** (0.90 - 3.10)	**3.50** (0.90 - 4.00)	**5.00** (1.90 - 5.20)
Capacity Heating (min-max)	kW	**2.00** (1.00 - 2.50)	**2.50** (0.90 - 3.20)	**3.40** (0.90 - 4.40)	**4.20** (0.90 - 5.00)	**6.00** (2.2 - 7.30)
Sound pressure Cooling (Very low - Low - Medium - High)(2)	dB(A)	21/24/33/37	21/24/33/37	22/24/33/40	25/26/36/43	28/30/40/46
Sound pressure Heating (Very low - Low - Medium - High)(2)	dB(A)	19/22/33/38	19/22/33/38	20/23/34/41	26/27/36/44	25/30/39/47
Sound pressure	dB(A)	52	51	54	57	60
Air flow Cooling (Very low - Low - Medium - High)	m^3/h	312/350/400/440	312/350/400/440	333/370/430/510	333/400/485/600	333/450/600/700
Dehumidification	l/h	1.2	1.2	1.4	1.6	2.0
Dimensions (H x W x D)	mm	280 x 780 x 215				
Pipe diameter (Liq/gas)	Inch	1/4 - 3/8				1/4 - 1/2
Weight	kg	7.5				8
Electrical power	V	220 - 230V				
Cable diameter (EN 60 335-1)	mm^2	1.50 x 2+T				2.50 x 2+T
Remote control		infrared RAR-7PE1 (included)				

(2) Sound pressure measurements were taken at 1 meter from the unit free field (refer to the technical catalog).
* Available in multi only

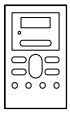
Compatible controls and accessories



Infrared remote control
Included
RAR-7PE1



Programmable wired control
SPX-WKT3
Pre-tax price:



Simplified wired control
SPX-RCDB
Pre-tax price:



H-Link box
PSC-6RAD
Pre-tax price:

Others*:
- Multi-indoor units control box SPX-DST1 + SPX-WDST8M
- Hi Kumo Wifi gateway SPX-WFG01:
- Hi-Box AHP-SMB-01 :
- Hi Kumo gateway for Hi-Box SPX-TAG01:
- Dry contact kit only SPX-WDC3:
- Fault report kit only SPX-WDC7 + HA-S100TSA

* All prices are pre-tax

Indoor unit combinations

Dodai 2 multi-splits

RAM - 33NP2E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 2.20)	380 (250 - 480)	3.95	2.00	2.00 (1.10 - 3.20)	530 (250 - 970)	3.77
	18	1.80	1.80 (1.00 - 2.50)	455 (250 - 750)	3.96	2.50	2.50 (1.10 - 3.20)	690 (250 - 970)	3.62
	25	2.50	2.50 (1.00 - 3.10)	650 (250 - 880)	3.85	3.50	3.50 (1.10 - 4.40)	990 (250 - 1120)	3.54
	35	3.50	3.50 (1.00 - 3.80)	780 (250 - 1300)	4.49	4.00	4.60 (1.10 - 4.60)	1200 (250 - 1300)	3.33
2 units	15 + 15	1.50 + 1.50	3.00 (1.50 - 2.80)	730 (250 - 780)	4.11	2.00 + 2.00	4.00 (1.50 - 4.60)	890 (250 - 950)	4.49
	15 + 18	1.50 + 1.80	3.30 (1.50 - 3.50)	730 (250 - 1050)	4.52	1.78 + 2.22	4.00 (1.50 - 4.60)	900 (250 - 1020)	4.44
	15 + 25	1.24 + 2.06	3.30 (1.50 - 3.80)	950 (250 - 1050)	3.47	1.45 + 2.55	4.00 (1.50 - 4.60)	1080 (250 - 1500)	3.70
	15 + 35	0.99 + 2.31	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	1.18 + 2.82	4.00 (1.50 - 4.60)	1230 (250 - 1500)	3.25
	18 + 18	1.65 + 1.65	3.30 (1.50 - 3.80)	1050 (250 - 1050)	3.14	2.00 + 2.00	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20
	18 + 25	1.38 + 1.92	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	1.67 + 2.33	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20
	18 + 35	1.12 + 2.18	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	1.37 + 2.63	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20
	25 + 25	1.65 + 1.65	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	2.00 + 2.00	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20

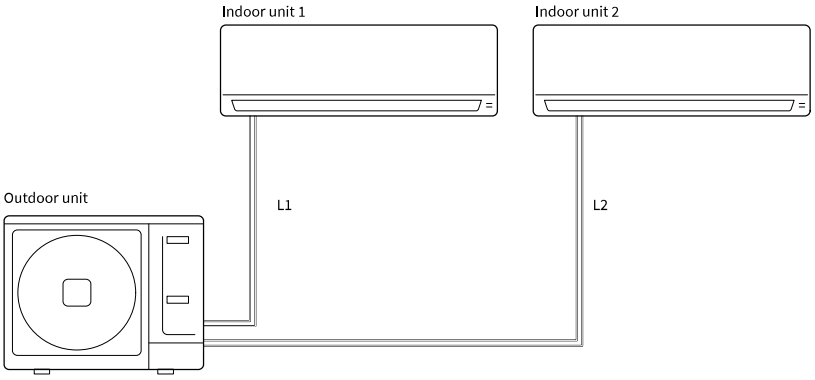
* For information: these are performances when a single unit is in operation. However. a minimum of 2 units must be connected to the outdoor unit.
**RAM-40NE2F+ RAK -18RPE + RAK- 18RPE

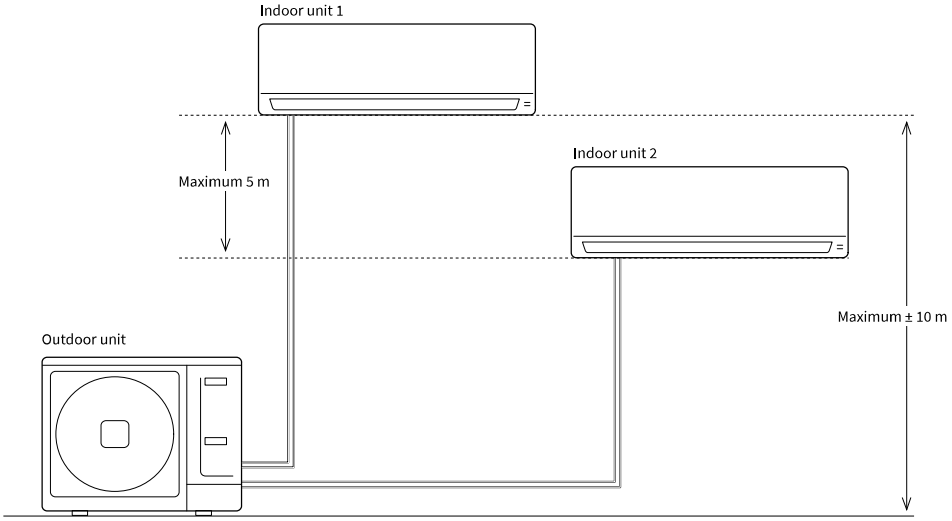
Refrigerant lengths

RAM - 40NE2F

L1 + L2 < 35 m
L1 < 25 m ; L2 < 25 m

Always connect the most powerful indoor unit to the lowest connector.
No additional charge required.





RAM - 40NP2E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 2.20)	380 (200 - 480)	3.95	2.00	2.00 (1.10 - 3.20)	530 (250 - 970)	3.77 A
	18	1.80	1.80 (1.00 - 2.50)	455 (200 - 750)	3.96	2.50	2.50 (1.10 - 3.20)	690 (250 - 970)	3.62 A
	25	2.50	2.50 (1.00 - 3.10)	650 (200 - 880)	3.85	3.50	3.50 (1.10 - 4.40)	990 (250 - 1120)	3.54 B
	35	3.50	3.50 (1.00 - 4.00)	780 (200 - 1150)	4.49	4.80	4.80 (1.10 - 5.00)	1200 (250 - 1300)	4.00 A
2 units	15 + 15	1.50 + 1.50	3.00 (1.50 - 2.80)	700 (200 - 780)	4.29	2.00 + 2.00	4.00 (1.50 - 4.60)	890 (250 - 950)	4.49 A
	15 + 18	1.50 + 1.80	3.30 (1.50 - 3.50)	730 (200 - 930)	4.52	2.00 + 2.50	4.50 (1.50 - 5.00)	940 (250 - 1020)	4.79 A
	15 + 25	1.50 + 2.50	4.00 (1.50 - 4.00)	950 (200 - 1150)	4.21	1.89 + 3.31	5.20 (1.50 - 5.50)	1080 (250 - 1500)	4.81 A
	15 + 35	1.20 + 2.80	4.00 (1.50 - 4.20)	1100 (200 - 1150)	3.64	1.53 + 3.67	5.20 (1.50 - 5.50)	1230 (250 - 1500)	4.23 A
	18 + 18	1.80 + 1.80	3.60 (1.50 - 4.00)	1050 (200 - 1050)	3.43	2.50 + 2.50	5.00 (1.50 - 5.00)	1250 (250 - 1500)	4.00 A
	18 + 25	1.67 + 2.33	4.00 (1.50 - 4.20)	1090 (200 - 1150)	3.67	2.17 + 3.03	5.20 (1.50 - 5.50)	1250 (250 - 1500)	4.16 A
	18 + 35	1.36 + 2.64	4.00 (1.50 - 4.20)	1130 (200 - 1150)	3.54	1.78 + 3.42	5.20 (1.50 - 5.50)	1250 (250 - 1500)	4.16 A
	25 + 25	2.00 + 2.00	4.00 (1.50 - 4.20)	1150 (200 - 1150)	3.48	2.60 + 2.60	5.20 (1.50 - 5.50)	1250 (250 - 1500)	4.16 A

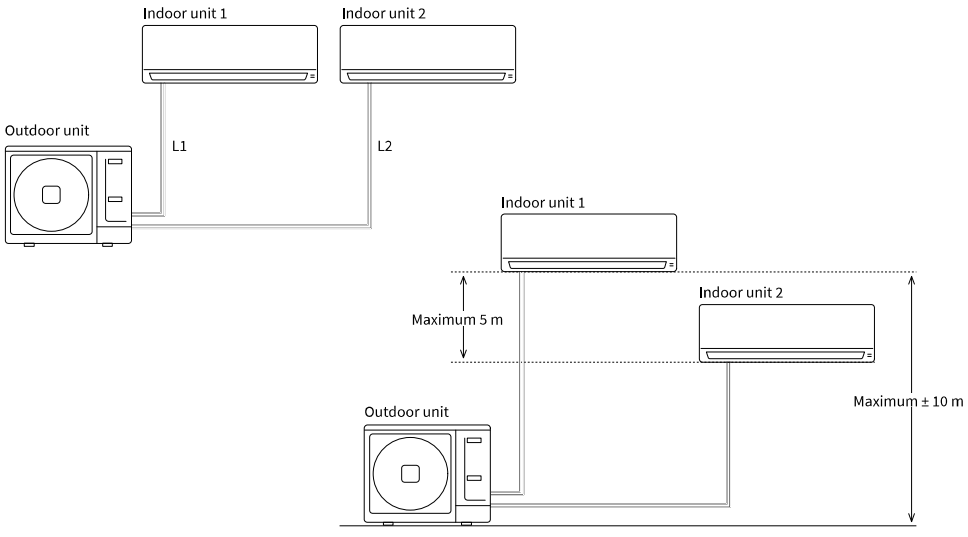
* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
(1) For each output corresponding to units 42, 50 and 60, a refrigerant adapter to switch from 3/8 to 1/2 is required.
** RAM-53NE2F+ RAK-18QXE + RAK-35RXE.

Refrigerant lengths

RAM-53NE2F

L1 + L2 < 35 m
L1 < 25 m ; L2 < 25 m

Always connect the most powerful indoor unit to the lowest connector.
No additional charge required.



Indoor unit combinations

Dodai 2 multi-splits

RAM - 53NP2E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 2.20)	430 (350 - 480)	3.49	2.00	2.00 (1.10 - 2.20)	610 (350 - 650)	3.28
	18	1.80	1.80 (1.00 - 2.00)	495 (350 - 750)	3.64	2.50	2.50 (1.10 - 3.20)	690 (350 - 1050)	3.62
	25	2.50	2.50 (1.00 - 2.80)	700 (350 - 980)	3.57	3.90	3.90 (1.10 - 4.70)	1060 (350 - 1380)	3.68
	35	3.50	3.50 (1.00 - 3.90)	1030 (350 - 1280)	3.40	4.80	4.80 (1.10 - 5.80)	1320 (350 - 1870)	3.64
	42	4.20	4.20 (1.00 - 5.50)	1500 (350 - 1660)	2.80	6.50	6.50 (1.10 - 7.20)	1680 (350 - 2010)	3.87
	50	5.00	5.00 (1.00 - 5.50)	1510 (350 - 1660)	3.31	6.80	6.50 (1.10 - 7.20)	1680 (350 - 2010)	3.87
	60	6.00	5.30 (1.00 - 5.50)	1510 (350 - 1660)	3.51	7.00	6.50 (1.10 - 7.20)	1680 (350 - 2010)	3.87
2 units	15 + 15	1.50 + 1.50	3.00 (1.50 - 3.90)	920 (350 - 1000)	3.26	2.00 + 2.00	4.00 (1.50 - 4.70)	1060 (350 - 1380)	3.77
	15 + 18	1.50 + 1.80	3.30 (1.50 - 3.90)	1020 (350 - 1300)	3.24	2.00 + 2.50	4.50 (1.50 - 5.20)	1250 (350 - 1870)	3.6
	15 + 25	1.50 + 2.50	4.00 (1.50 - 4.50)	1180 (350 - 1250)	3.39	2.00 + 3.90	5.90 (1.50 - 6.50)	1550 (350 - 2010)	3.81
	15 + 35	1.50 + 3.50	5.00 (1.50 - 5.90)	1480 (350 - 1660)	3.38	2.00 + 4.80	6.80 (1.50 - 7.20)	1590 (350 - 2010)	4.28
	15 + 42 (1)	1.39 + 3.91	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	1.60 + 5.20	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	15 + 50 (1)	1.22 + 4.08	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	1.60 + 5.20	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	15 + 60 (1)	1.06 + 4.24	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	1.60 + 5.20	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	18 + 18	1.80 + 1.80	3.60 (1.50 - 4.00)	1080 (350 - 1300)	3.33	2.50 + 2.50	5.00 (1.50 - 5.20)	1290 (350 - 1550)	3.88
	18 + 25	1.80 + 2.50	4.30 (1.50 - 4.60)	1220 (350 - 1450)	3.52	2.50 + 3.90	6.40 (1.50 - 6.30)	1530 (350 - 1920)	4.18
	18 + 35	1.80 + 3.50	5.30 (1.50 - 5.60)	1260 (350 - 1660)	4.21	2.31 + 4.49	6.80 (1.50 - 7.20)	1610 (350 - 2010)	4.22
	18 + 42 (1)	1.59 + 3.71	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	1.80 + 5.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	18 + 50 (1)	1.40 + 3.90	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	1.80 + 5.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	18 + 60 (1)	1.22 + 4.08	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	1.80 + 5.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 25	2.50 + 2.50	5.00 (1.50 - 5.60)	1470 (350 - 1660)	3.40	3.40 + 3.40	6.80 (1.50 - 7.20)	1780 (350 - 2010)	3.82
	25 + 35	2.21 + 3.09	5.30 (1.50 - 5.70)	1550 (350 - 1660)	3.42	2.83 + 3.97	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 42 (1)	1.98 + 3.32	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	2.27 + 4.53	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 50 (1)	1.77 + 3.53	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	2.27 + 4.53	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 60 (1)	1.56 + 3.74	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	2.27 + 4.53	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	35 + 35	2.65 + 2.65	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	3.40 + 3.40	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	35 + 42 (1)	2.41 + 2.89	5.30 (1.50 - 6.60)	1660 (350 - 1660)	3.19	2.80 + 4.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	35 + 50 (1)	2.18 + 3.12	5.30 (1.50 - 6.60)	1660 (350 - 1660)	3.19	2.80 + 4.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	42 + 42 (1)	2.65 + 2.65	5.30 (1.50 - 6.60)	1660 (350 - 1660)	3.19	2.80 + 4.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74

* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
(1) For each output corresponding to units 42, 50 and 60, a refrigerant adapter to switch from 3/8 to 1/2 is required.
** RAM-53NP3E + RAK-18QXE + RAK-35RPE

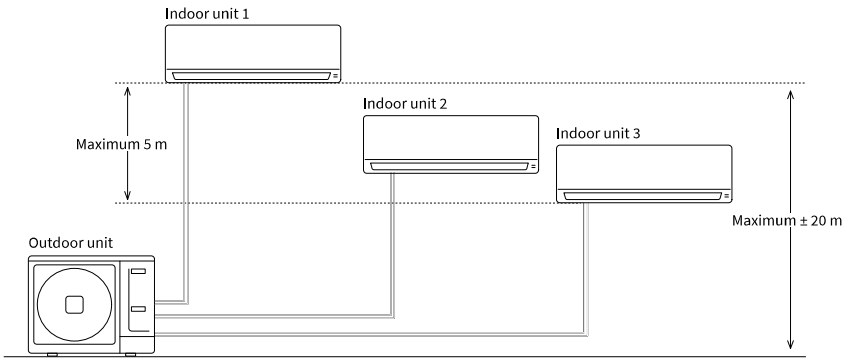
Refrigerant lengths

RAM-53NE3F

L1 + L2 + L3 < 45 m
L1 < 25 m ; L2 < 25 m ; L3 < 25 m

Pre-charged for 35 m.
Additional 20g/m required beyond 35 m.

Always connect the most powerful indoor unit to the lowest connector.



RAM - 53NP3E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 1.60)	430 (200 - 480)	3.49	2.00	2.00 (1.10 - 2.20)	560 (320 - 850)	3.57
	18	1.80	1.80 (1.50 - 2.00)	495 (280 - 500)	3.64	2.50	2.50 (1.80 - 3.50)	720 (320 - 1130)	3.47
	25	2.50	2.50 (1.50 - 2.80)	700 (280 - 720)	3.57	3.40	3.40 (1.80 - 4.70)	980 (320 - 1480)	3.47
	35	3.50	3.50 (1.50 - 3.90)	1030 (280 - 1130)	3.40	4.30	4.30 (1.80 - 5.80)	1150 (320 - 1950)	3.74
	42	4.20	4.20 (1.50 - 5.60)	1450 (280 - 1800)	2.90	6.50	6.50 (1.80 - 7.20)	1800 (320 - 2010)	3.61
	50	5.00	5.00 (1.50 - 5.60)	1480 (280 - 1800)	3.38	6.50	6.50 (1.80 - 7.20)	1880 (320 - 2530)	3.46
	60	6.00	5.30 (1.50 - 6.60)	1481 (280 - 1930)	3.58	7.30	6.80 (1.80 - 7.80)	1880 (320 - 2530)	3.62
2 units	15 + 15	1.50 + 1.50	3.00 (1.50 - 3.50)	870 (380 - 980)	3.45	2.00 + 2.00	4.00 (2.20 - 4.70)	1080 (200 - 1100)	3.70
	15 + 18	1.50 + 1.80	3.30 (1.50 - 3.50)	950 (380 - 1000)	3.47	2.00 + 2.50	4.50 (2.20 - 5.20)	1200 (200 - 1300)	3.75
	15 + 25	1.50 + 2.50	4.00 (1.50 - 4.00)	1300 (380 - 1300)	3.08	2.00 + 3.40	5.40 (2.20 - 6.40)	1450 (200 - 1780)	3.72
	15 + 35	1.50 + 3.50	5.00 (1.50 - 5.20)	1450 (380 - 1450)	3.45	2.00 + 4.30	6.30 (2.20 - 7.20)	1660 (200 - 2010)	3.80
	15 + 42[1]	1.39 + 3.91	5.30 (1.50 - 5.90)	1580 (380 - 2380)	3.35	1.60 + 5.20	6.80 (2.20 - 7.20)	1680 (320 - 2010)	4.05
	15 + 50[1]	1.22 + 4.08	5.30 (1.50 - 6.30)	1700 (380 - 2380)	3.12	1.60 + 5.20	6.80 (2.20 - 7.20)	1770 (320 - 2010)	3.84
	15 + 60[1]	1.06 + 4.24	5.30 (1.50 - 6.30)	1700 (380 - 2380)	3.12	1.51 + 5.29	6.80 (2.20 - 7.20)	1950 (320 - 2010)	3.49
	18 + 18	1.80 + 1.80	3.60 (1.50 - 5.90)	1020 (380 - 1020)	3.53	2.50 + 2.50	5.00 (2.20 - 6.40)	1380 (320 - 2010)	3.62
	18 + 25	1.80 + 2.50	4.30 (1.50 - 5.90)	1200 (380 - 1360)	3.58	2.50 + 3.40	5.90 (2.20 - 7.20)	1580 (320 - 2010)	3.73
	18 + 35	1.80 + 3.50	5.30 (1.50 - 5.90)	1290 (380 - 1950)	4.11	2.50 + 4.30	6.80 (2.20 - 7.20)	1650 (320 - 2010)	4.12
	18 + 42[1]	1.80 + 5.00	5.30 (1.50 - 5.90)	1620 (380 - 2820)	3.27	1.89 + 4.91	6.80 (2.20 - 9.50)	1700 (430 - 2600)	4.00
	18 + 50[1]	1.80 + 5.00	5.30 (1.50 - 5.90)	1800 (380 - 2820)	2.94	1.89 + 4.91	6.80 (2.20 - 9.50)	2100 (430 - 2600)	3.24
	18 + 60[1]	1.80 + 6.00	5.30 (1.50 - 5.90)	1800 (380 - 2820)	2.94	1.79 + 5.01	6.80 (2.20 - 9.50)	2100 (430 - 2600)	3.24
	25 + 25	2.50 + 2.50	5.00 (2.00 - 5.50)	1480 (380 - 1720)	3.38	3.40 + 3.40	6.80 (2.20 - 9.50)	1770 (430 - 2010)	3.84
	25 + 35	2.50 + 3.50	5.30 (2.00 - 6.60)	1640 (380 - 2380)	3.23	3.00 + 3.80	6.80 (2.20 - 9.50)	1880 (430 - 2010)	3.62
	25 + 42[1]	1.98 + 3.32	5.30 (2.00 - 7.20)	1640 (380 - 2820)	3.23	2.34 + 4.46	6.80 (2.20 - 9.50)	2000 (430 - 2600)	3.40
	25 + 50[1]	1.77 + 3.53	5.30 (2.00 - 7.20)	1610 (380 - 2820)	3.29	2.34 + 4.46	6.80 (2.20 - 9.50)	2100 (430 - 2600)	3.24
	25 + 60[1]	1.56 + 3.74	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.22 + 4.58	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	35 + 35	2.65 + 2.65	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 3120)	3.62
	35 + 42[1]	2.41 + 2.89	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.71 + 4.09	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	35 + 50[1]	2.18 + 3.12	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.71 + 4.09	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	35 + 60[1]	1.95 + 3.35	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.59 + 4.21	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	42 + 42[1]	2.65 + 2.65	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	42 + 50[1]	2.42 + 2.88	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	42 + 60[1]	2.18 + 3.12	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.27 + 3.53	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	50 + 50[1]	2.65 + 2.65	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62

[1] For each output corresponding to units 42, 50 and 60, a refrigerant adapter to switch from 3/8 to 1/2 is required.
** RAM-53NP3E + RAK-18QXE + RAK-35RPE

Indoor unit combinations

Standard multi-splits

RAM - 33NP2E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 2.20)	380 (250 - 480)	3.95	2.00	2.00 (1.10 - 3.20)	530 (250 - 970)	3.77
	18	1.80	1.80 (1.00 - 2.50)	455 (250 - 750)	3.96	2.50	2.50 (1.10 - 3.20)	690 (250 - 970)	3.62
	25	2.50	2.50 (1.00 - 3.10)	650 (250 - 880)	3.85	3.50	3.50 (1.10 - 4.40)	990 (250 - 1120)	3.54
	35	3.50	3.50 (1.00 - 3.80)	780 (250 - 1300)	4.49	4.00	4.60 (1.10 - 4.60)	1200 (250 - 1300)	3.33
2 units	15+ 15	1.50+ 1.50	3.00 (1.50 - 2.80)	730 (250 - 780)	4.11	2.00+ 2.00	4.00 (1.50 - 4.60)	890 (250 - 950)	4.49
	15+ 18	1.50+ 1.80	3.30 (1.50 - 3.50)	730 (250 - 1050)	4.52	1.78+ 2.22	4.00 (1.50 - 4.60)	900 (250 - 1020)	4.44
	15+ 25	1.24+ 2.06	3.30 (1.50 - 3.80)	950 (250 - 1050)	3.47	1.45+ 2.55	4.00 (1.50 - 4.60)	1080 (250 - 1500)	3.70
	15+ 35	0.99+ 2.31	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	1.18+ 2.82	4.00 (1.50 - 4.60)	1230 (250 - 1500)	3.25
	18+ 18	1.65+ 1.65	3.30 (1.50 - 3.80)	1050 (250 - 1050)	3.14	2.00+ 2.00	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20
	18+ 25	1.38+ 1.92	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	1.67+ 2.33	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20
	18+ 35	1.12+ 2.18	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	1.37+ 2.63	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20
	25+ 25	1.65+ 1.65	3.30 (1.50 - 4.20)	1050 (250 - 1050)	3.14	2.00+ 2.00	4.00 (1.50 - 4.60)	1250 (250 - 1500)	3.20

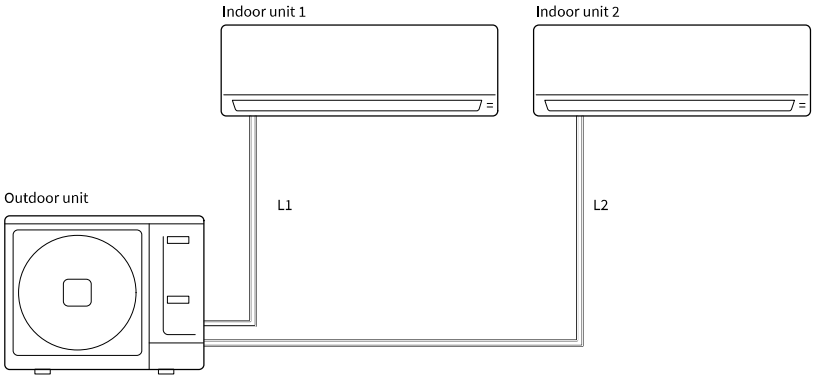
* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
** RAM - 33NP2E + RAK - 15QPE + RAK - 18RPE

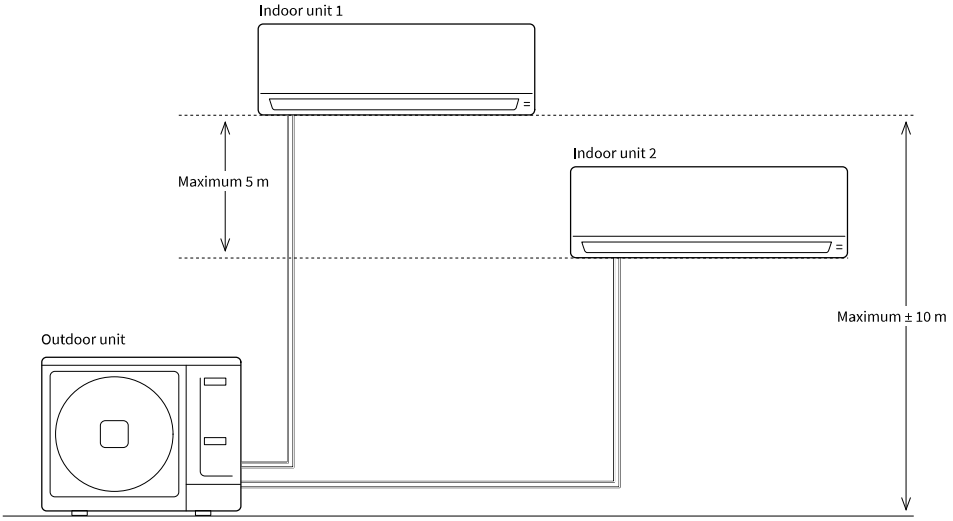
Refrigerant lengths

RAM-33NP2E

L1 + L2 < 20 m
L1 < 15 m ; L2 < 15 m

Always connect the most powerful indoor unit to the lowest connector. No additional charge required.





RAM - 40NP2E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 2.20)	380 (200 - 480)	3.95	2.00	2.00 (1.10 - 3.20)	530 (250 - 970)	3.77 **A**
	18	1.80	1.80 (1.00 - 2.50)	455 (200 - 750)	3.96	2.50	2.50 (1.10 - 3.20)	690 (250 - 970)	3.62 **A**
	25	2.50	2.50 (1.00 - 3.10)	650 (200 - 880)	3.85	3.50	3.50 (1.10 - 4.40)	990 (250 - 1120)	3.54 **B**
	35	3.50	3.50 (1.00 - 4.00)	780 (200 - 1150)	4.49	4.80	4.80 (1.10 - 5.00)	1200 (250 - 1300)	4.00 **A**
2 units	15+ 15	1.50+ 1.50	3.00 (1.50 - 2.80)	700 (200 - 780)	4.29	2.00+ 2.00	4.00 (1.50 - 4.60)	890 (250 - 950)	4.49 **A**
	15+ 18	1.50+ 1.80	3.30 (1.50 - 3.50)	730 (200 - 930)	4.52	2.00+ 2.50	4.50 (1.50 - 5.00)	940 (250 - 1020)	4.79 **A**
	15+ 25	1.50+ 2.50	4.00 (1.50 - 4.00)	950 (200 - 1150)	4.21	1.89+ 3.31	5.20 (1.50 - 5.50)	1080 (250 - 1500)	4.81 **A**
	15+ 35	1.20+ 2.80	4.00 (1.50 - 4.20)	1100 (200 - 1150)	3.64	1.53+ 3.67	5.20 (1.50 - 5.50)	1230 (250 - 1500)	4.23 **A**
	18+ 18	1.80+ 1.80	3.60 (1.50 - 4.00)	1050 (200 - 1050)	3.43	2.50+ 2.50	5.00 (1.50 - 5.00)	1250 (250 - 1500)	4.00 **A**
	18+ 25	1.67+ 2.33	4.00 (1.50 - 4.20)	1090 (200 - 1150)	3.67	2.17+ 3.03	5.20 (1.50 - 5.50)	1250 (250 - 1500)	4.16 **A**
	18+ 35	1.36+ 2.64	4.00 (1.50 - 4.20)	1130 (200 - 1150)	3.54	1.78+ 3.42	5.20 (1.50 - 5.50)	1250 (250 - 1500)	4.16 **A**
	25+ 25	2.00+ 2.00	4.00 (1.50 - 4.20)	1150 (200 - 1150)	3.48	2.60+ 2.60	5.20 (1.50 - 5.50)	1250 (250 - 1500)	4.16 **A**

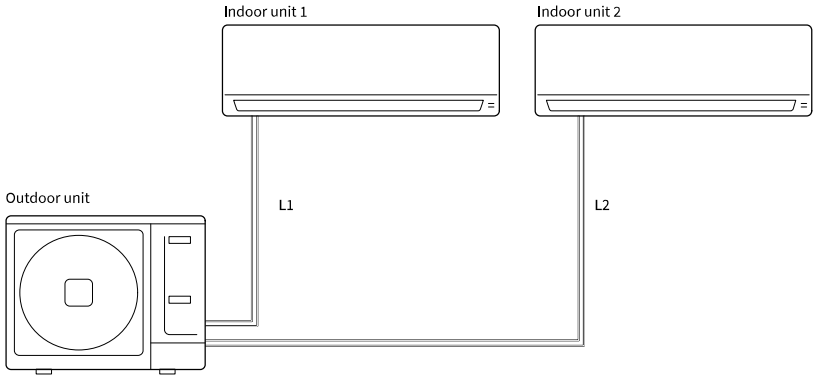
* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
** RAM - 40NP2E + RAK - 18 RPE + RAK - 18RPE

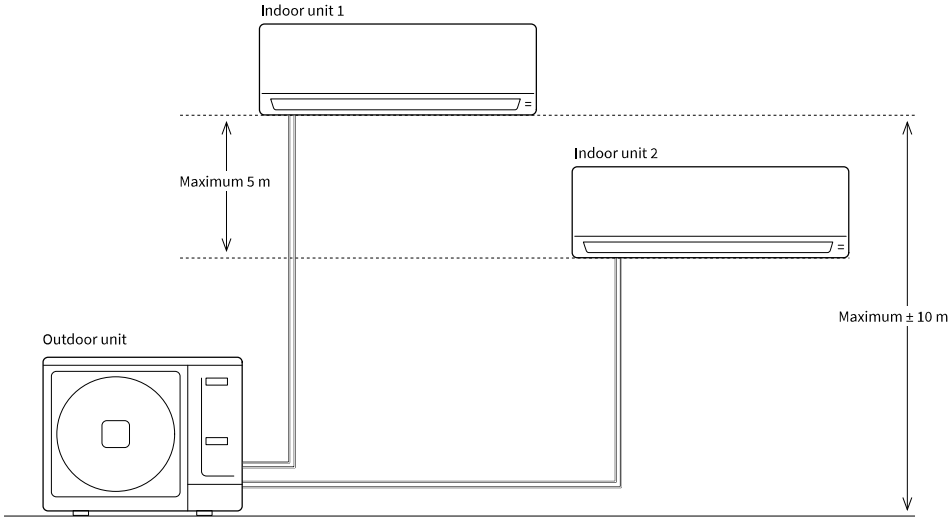
Refrigerant lengths

RAM-40NP2E

L1 + L2 < 35 m
L1 < 25 m ; L2 < 25 m

Always connect the most powerful indoor unit to the lowest connector.
No additional charge required.





Indoor unit combinations

Standard multi-splits

RAM - 53NP2E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 2.20)	430 (350 - 480)	3.49	2.00	2.00 (1.10 - 2.20)	610 (350 - 650)	3.28
	18	1.80	1.80 (1.00 - 2.00)	495 (350 - 750)	3.64	2.50	2.50 (1.10 - 3.20)	690 (350 - 1050)	3.62
	25	2.50	2.50 (1.00 - 2.80)	700 (350 - 980)	3.57	3.90	3.90 (1.10 - 4.70)	1060 (350 - 1380)	3.68
	35	3.50	3.50 (1.00 - 3.90)	1030 (350 - 1280)	3.40	4.80	4.80 (1.10 - 5.80)	1320 (350 - 1870)	3.64
	42	4.20	4.20 (1.00 - 5.50)	1500 (350 - 1660)	2.80	6.50	6.50 (1.10 - 7.20)	1680 (350 - 2010)	3.87
	50	5.00	5.00 (1.00 - 5.50)	1510 (350 - 1660)	3.31	6.80	6.50 (1.10 - 7.20)	1680 (350 - 2010)	3.87
	60	6.00	5.30 (1.00 - 5.50)	1510 (350 - 1660)	3.51	7.00	6.50 (1.10 - 7.20)	1680 (350 - 2010)	3.87
2 units	15+ 15	1.50+ 1.50	3.00 (1.50 - 3.90)	920 (350 - 1000)	3.26	2.00+ 2.00	4.00 (1.50 - 4.70)	1060 (350 - 1380)	3.77
	15+ 18	1.50+ 1.80	3.30 (1.50 - 3.90)	1020 (350 - 1300)	3.24	2.00+ 2.50	4.50 (1.50 - 5.20)	1250 (350 - 1870)	3.6
	15+ 25	1.50+ 2.50	4.00 (1.50 - 4.50)	1180 (350 - 1250)	3.39	2.00+ 3.90	5.90 (1.50 - 6.50)	1550 (350 - 2010)	3.81
	15+ 35	1.50+ 3.50	5.00 (1.50 - 5.90)	1480 (350 - 1660)	3.38	2.00+ 4.80	6.80 (1.50 - 7.20)	1590 (350 - 2010)	4.28
	15 + 42(1)	1.39+ 3.91	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	1.60+ 5.20	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	15 + 50 (1)	1.22+ 4.08	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	1.60+ 5.20	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	15 + 60 (1)	1.06+ 4.24	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	1.60+ 5.20	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	18+ 18	1.80+ 1.80	3.60 (1.50 - 4.00)	1080 (350 - 1300)	3.33	2.50+ 2.50	5.00 (1.50 - 5.20)	1290 (350 - 1550)	3.88
	18 + 25	1.80+ 2.50	4.30 (1.50 - 4.60)	1220 (350 - 1450)	3.52	2.50 + 3.90	6.40 (1.50 - 6.30)	1530 (350 - 1920)	4.18
	18 + 35	1.80+ 3.50	5.30 (1.50 - 5.60)	1260 (350 - 1660)	4.21	2.31+ 4.49	6.80 (1.50 - 7.20)	1610 (350 - 2010)	4.22
	18 + 42(1)	1.59+ 3.71	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	1.80+ 5.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	18 + 50(1)	1.40+ 3.90	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	1.80+ 5.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	18 + 60(1)	1.22+ 4.08	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	1.80+ 5.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 25	2.50+ 2.50	5.00 (1.50 - 5.60)	1470 (350 - 1660)	3.40	3.40 + 3.40	6.80 (1.50 - 7.20)	1780 (350 - 2010)	3.82
	25 + 35	2.21+ 3.09	5.30 (1.50 - 5.70)	1550 (350 - 1660)	3.42	2.83 + 3.97	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 42(1)	1.98 + 3.32	5.30 (1.50 - 5.90)	1550 (350 - 1660)	3.42	2.27+ 4.53	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 50(1)	1.77+ 3.53	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	2.27+ 4.53	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	25 + 60(1)	1.56 + 3.74	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	2.27 + 4.53	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	35 + 35	2.65+ 2.65	5.30 (1.50 - 5.90)	1660 (350 - 1660)	3.19	3.40 + 3.40	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	35 + 42(1)	2.41+ 2.89	5.30 (1.50 - 6.60)	1660 (350 - 1660)	3.19	2.80 + 4.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	35 + 50(1)	2.18+ 3.12	5.30 (1.50 - 6.60)	1660 (350 - 1660)	3.19	2.80 + 4.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74
	42 + 42(1)	2.65+ 2.65	5.30 (1.50 - 6.60)	1660 (350 - 1660)	3.19	2.80 + 4.00	6.80 (1.50 - 7.20)	1820 (350 - 2010)	3.74

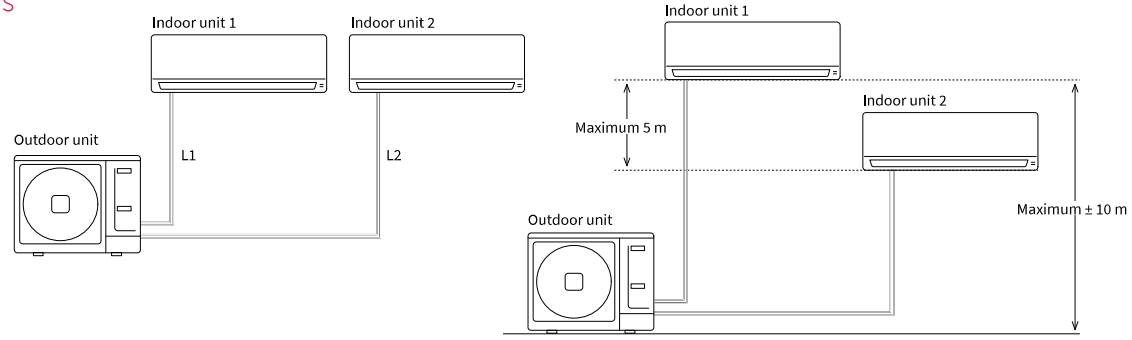
* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
(1) For each output corresponding to units 42, 50 and 60, a refrigerant adapter to switch from 3/8 to 1/2 is required.
** RAM - 53NP2E + RAK - 18QXE + RAK - 35RXE.

Refrigerant lengths

RAM-53NP2E

L1 + L2 < 35 m
L1 < 25 m ; L2 < 25 m

Always connect the most powerful indoor unit to the lowest connector. No additional charge required.



RAM - 53NP3E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 1.60)	430 (200 - 480)	3.49	2.00	2.00 (1.10 - 2.20)	560 (320 - 850)	3.57
	18	1.80	1.80 (1.50 - 2.00)	495 (280 - 500)	3.64	2.50	2.50 (1.80 - 3.50)	720 (320 - 1130)	3.47
	25	2.50	2.50 (1.50 - 2.80)	700 (280 - 720)	3.57	3.40	3.40 (1.80 - 4.70)	980 (320 - 1480)	3.47
	35	3.50	3.50 (1.50 - 3.90)	1030 (280 - 1130)	3.40	4.30	4.30 (1.80 - 5.80)	1150 (320 - 1950)	3.74
	42	4.20	4.20 (1.50 - 5.60)	1450 (280 - 1800)	2.90	6.50	6.50 (1.80 - 7.20)	1800 (320 - 2010)	3.61
	50	5.00	5.00 (1.50 - 5.60)	1480 (280 - 1800)	3.38	6.50	6.50 (1.80 - 7.20)	1880 (320 - 2530)	3.46
	60	6.00	5.30 (1.50 - 6.60)	1481 (280 - 1930)	3.58	7.30	6.80 (1.80 - 7.80)	1880 (320 - 2530)	3.62
2 units	15+ 15	1.50+ 1.50	3.00 (1.50 - 3.50)	870 (380 - 980)	3.45	2.00+ 2.00	4.00 (2.20 - 4.70)	1080 (200 - 1100)	3.70
	15+ 18	1.50+ 1.80	3.30 (1.50 - 3.50)	950 (380 - 1000)	3.47	2.00+ 2.50	4.50 (2.20 - 5.20)	1200 (200 - 1300)	3.75
	15+ 25	1.50+ 2.50	4.00 (1.50 - 4.00)	1300 (380 - 1300)	3.08	2.00+ 3.40	5.40 (2.20 - 6.40)	1450 (200 - 1780)	3.72
	15+ 35	1.50+ 3.50	5.00 (1.50 - 5.20)	1450 (380 - 1450)	3.45	2.00+ 4.30	6.30 (2.20 - 7.20)	1660 (200 - 2010)	3.80
	15 + 42[1]	1.39+ 3.91	5.30 (1.50 - 5.90)	1580 (380 - 2380)	3.35	1.60+ 5.20	6.80 (2.20 - 7.20)	1680 (320 - 2010)	4.05
	15 + 50[1]	1.22+ 4.08	5.30 (1.50 - 6.30)	1700 (380 - 2380)	3.12	1.60+ 5.20	6.80 (2.20 - 7.20)	1770 (320 - 2010)	3.84
	15 + 60[1]	1.06+ 4.24	5.30 (1.50 - 6.30)	1700 (380 - 2380)	3.12	1.51+ 5.29	6.80 (2.20 - 7.20)	1950 (320 - 2010)	3.49
	18+ 18	1.80+ 1.80	3.60 (1.50 - 5.90)	1020 (380 - 1020)	3.53	2.50+ 2.50	5.00 (2.20 - 6.40)	1380 (320 - 2010)	3.62
	18 + 25	1.80 + 2.50	4.30 (1.50 - 5.90)	1200 (380 - 1360)	3.58	2.50 + 3.40	5.90 (2.20 - 7.20)	1580 (320 - 2010)	3.73
	18 + 35	1.80 + 3.50	5.30 (1.50 - 5.90)	1290 (380 - 1950)	4.11	2.50 + 4.30	6.80 (2.20 - 7.20)	1650 (320 - 2010)	4.12
	18 + 42[1]	1.80 + 5.00	5.30 (1.50 - 5.90)	1620 (380 - 2820)	3.27	1.89 + 4.91	6.80 (2.20 - 9.50)	1700 (430 - 2600)	4.00
	18 + 50[1]	1.80 + 5.00	5.30 (1.50 - 5.90)	1800 (380 - 2820)	2.94	1.89 + 4.91	6.80 (2.20 - 9.50)	2100 (430 - 2600)	3.24
	18 + 60[1]	1.80 + 6.00	5.30 (1.50 - 5.90)	1800 (380 - 2820)	2.94	1.79 + 5.01	6.80 (2.20 - 9.50)	2100 (430 - 2600)	3.24
	25 + 25	2.50 + 2.50	5.00 (2.00 - 5.50)	1480 (380 - 1720)	3.38	3.40 + 3.40	6.80 (2.20 - 9.50)	1770 (430 - 2010)	3.84
	25 + 35	2.50 + 3.50	5.30 (2.00 - 6.60)	1640 (380 - 2380)	3.23	3.00 + 3.80	6.80 (2.20 - 9.50)	1880 (430 - 2010)	3.62
	25 + 42[1]	1.98 + 3.32	5.30 (2.00 - 7.20)	1640 (380 - 2820)	3.23	2.34 + 4.46	6.80 (2.20 - 9.50)	2000 (430 - 2600)	3.40
	25 + 50[1]	1.77 + 3.53	5.30 (2.00 - 7.20)	1610 (380 - 2820)	3.29	2.34 + 4.46	6.80 (2.20 - 9.50)	2100 (430 - 2600)	3.24
	25 + 60[1]	1.56 + 3.74	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.22 + 4.58	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	35 + 35	2.65 + 2.65	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 3120)	3.62
	35 + 42[1]	2.41 + 2.89	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.71 + 4.09	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	35 + 50[1]	2.18 + 3.12	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.71 + 4.09	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	35 + 60[1]	1.95 + 3.35	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	2.59 + 4.21	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	42 + 42[1]	2.65 + 2.65	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	42 + 50[1]	2.42 + 2.88	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	42 + 60[1]	2.18 + 3.12	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.27 + 3.53	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62
	50 + 50[1]	2.65 + 2.65	5.30 (2.00 - 7.50)	1800 (380 - 2820)	2.94	3.40 + 3.40	6.80 (2.20 - 9.50)	1880 (430 - 2600)	3.62

* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
[1] For each output corresponding to units 42, 50 and 60, a refrigerant adapter to switch from 3/8 to 1/2 is required.
** RAM - 53NP3E + RAK - 18QXE + RAK - 35RPE

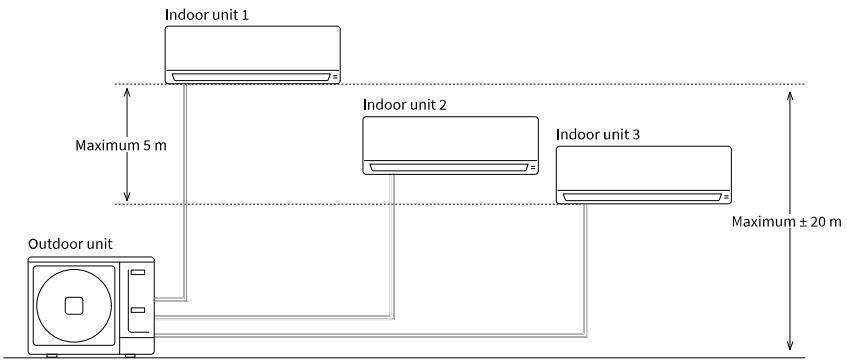
Refrigerant lengths

RAM-53NP3E

L1 + L2 + L3 < 45 m
L1 < 25 m ; L2 < 25 m ; L3 < 25 m

Pre-charged for 35 m.
Additional 20g/m required beyond 35 m.

Always connect the most powerful indoor unit to the lowest connector.



Indoor unit combinations

Standard multi-splits

RAM - 53NP3E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
3 units	15 + 15 + 15	1.50 + 1.50 + 1.50	4.50 (2.20 - 5.00)	1400 (420 - 1680)	3.21	2.00 + 2.00 + 2.00	6.00 (2.40 - 6.50)	1650 (430 - 1800)	3.64
	15 + 15 + 18	1.50 + 1.50 + 1.80	4.80 (2.20 - 5.50)	1480 (240 - 1880)	3.24	2.00 + 2.00 + 2.50	6.50 (2.40 - 7.00)	1750 (430 - 2100)	3.71
	15 + 15 + 25	1.45 + 1.45 + 2.41	5.30 (2.20 - 6.00)	1680 (420 - 2280)	3.15	1.84 + 1.84 + 3.12	6.80 (2.20 - 9.30)	1850 (430 - 2200)	3.68
	15 + 15 + 35	1.22 + 1.22 + 2.85	5.30 (2.20 - 7.00)	1800 (420 - 2480)	2.94	1.64 + 1.64 + 3.52	6.80 (2.40 - 9.50)	1850 (430 - 2500)	3.68
	15 + 15 + 42[1]	1.10 + 1.10 + 3.09	5.30 (2.20 - 7.50)	1800 (420 - 2890)	2.94	1.30 + 1.30 + 4.21	6.80 (2.40 - 9.50)	1850 (430 - 2600)	3.68
	15 + 15 + 50[1]	0.99 + 0.99 + 3.31	5.30 (2.20 - 7.50)	1800 (420 - 2890)	2.94	1.30 + 1.30 + 4.21	6.80 (2.40 - 9.50)	2000 (430 - 2600)	3.40
	15 + 15 + 60[1]	0.88 + 0.88 + 3.53	5.30 (2.20 - 7.50)	1800 (420 - 2890)	2.94	1.24 + 1.24 + 4.33	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	15 + 18 + 18	1.50 + 1.80 + 1.80	5.10 (2.20 - 5.60)	1500 (420 - 2280)	3.40	1.94 + 2.43 + 2.43	6.80 (2.20 - 9.30)	1850 (430 - 2400)	3.68
	15 + 18+ 25	1.37 + 1.64+ 2.28	5.30 (2.20 - 6.30)	1590 (420 - 2480)	3.33	1.72 + 2.15+ 2.93	6.80 (2.40 - 9.50)	1850 (430 - 2600)	3.68
	15 + 18+ 35	1.17 + 1.40+ 2.73	5.30 (2.20 - 7.50)	1680 (420 - 2480)	3.15	1.55 + 1.93+ 3.32	6.80 (2.40 - 9.50)	1850 (430 - 2600)	3.68
	15 + 18 + 42[1]	1.06 + 1.27+ 2.97	5.30 (2.20 - 7.50)	1800 (420 - 2890)	2.94	1.24 + 1.55+ 4.02	6.80 (2.40 - 9.50)	1850 (430 - 2600)	3.68
	15 + 18 + 50[1]	0.96 + 1.15+ 3.19	5.30 (2.20 - 7.50)	1800 (420 - 2890)	2.94	1.24 + 1.55+ 4.02	6.80 (2.40 - 9.50)	2050 (430 - 2600)	3.32
	15 + 25+ 25	1.22 + 2.04+ 2.04	5.30 (1.50 - 7.00)	1710 (420 - 2480)	3.10	1.55 + 2.63+ 2.63	6.80 (2.40 - 9.50)	1850 (430 - 2600)	3.68
	15 + 25+ 35	1.06 + 1.77+ 2.47	5.30 (2.20 - 7.80)	1800 (420 - 2890)	2.94	1.40 + 2.38+ 3.01	6.80 (2.40 - 9.50)	1850 (430 - 2600)	3.68
	15 + 25 + 42[1]	0.97 + 1.62+ 2.71	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.14 + 1.94+ 3.71	6.80 (2.40 - 9.50)	1930 (430 - 2600)	3.52
	15 + 25 + 50[1]	0.88 + 1.47+ 2.94	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.14 + 1.94+ 3.71	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	15 + 35+ 35	0.94 + 2.18+ 2.18	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.28 + 2.76+ 2.76	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	15 + 35 + 42[1]	0.86 + 2.02+ 2.42	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.06 + 2.28+ 3.45	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	15 + 35 + 50[1]	0.80 + 1.86+ 2.65	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.06 + 2.28+ 3.45	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	15 + 42 + 42[1]	0.80 + 2.25+ 2.25	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	0.83 + 2.99+ 2.99	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	15 + 42 + 50[1]	0.74 + 2.08+ 2.48	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	0.83 + 2.99+ 2.99	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	18 + 18+ 18	1.77 + 1.77+ 1.77	5.30 (2.20 - 5.90)	1500 (420 - 2190)	3.53	2.27 + 2.27+ 2.27	6.80 (2.40 - 9.50)	1860 (430 - 2600)	3.66
	18 + 18+ 25	1.56 + 1.56+ 2.17	5.30 (2.20 - 6.70)	1610 (420 - 2480)	3.29	2.02 + 2.02+ 2.75	6.80 (2.40 - 9.50)	1740 (430 - 2600)	3.91
	18 + 18+ 35	1.34 + 1.34+ 2.61	5.30 (2.20 - 7.80)	1800 (420 - 2890)	2.94	1.83 + 1.83+ 3.14	6.80 (2.40 - 9.50)	1820 (430 - 2600)	3.74
	18 + 18 + 42[1]	1.22 + 1.22+ 2.85	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.48 + 1.48+ 3.84	6.80 (2.40 - 9.50)	1950 (430 - 2600)	3.49
	18 + 18 + 50[1]	1.11 + 1.11+ 3.08	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.48 + 1.48+ 3.84	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	18 + 25+ 25	1.40 + 1.95+ 1.95	5.30 (2.20 - 7.50)	1730 (420 - 2780)	3.06	1.83 + 2.49+ 2.49	6.80 (2.40 - 9.50)	1760 (430 - 2600)	3.86
	18 + 25+ 35	1.22 + 1.70+ 2.38	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.67 + 2.27+ 2.87	6.80 (2.40 - 9.50)	1820 (430 - 2600)	3.74
	18 + 25 + 42[1]	1.12 + 1.56+ 2.62	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.37 + 1.86+ 3.56	6.80 (2.40 - 9.50)	1970 (430 - 2600)	3.45
	18 + 25 + 50[1]	1.03 + 1.42+ 2.85	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.37 + 1.86+ 3.56	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	18 + 35+ 35	1.08 + 2.11+ 2.11	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.53 + 2.63+ 2.63	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	18 + 35 + 42[1]	1.00 + 1.95+ 2.34	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.28 + 2.20+ 3.32	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	18 + 35 + 50[1]	0.93 + 1.80+ 2.57	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.28 + 2.20+ 3.32	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	25 + 25+ 25	1.77 + 1.77+ 1.77	5.30 (2.20 - 7.80)	1800 (420 - 2890)	2.94	2.27 + 2.27+ 2.27	6.80 (2.40 - 9.50)	1870 (430 - 2600)	3.64
	25 + 25+ 35	1.56 + 1.56+ 2.18	5.30 (2.20 - 8.00)	1800 (420 - 2960)	2.94	2.08 + 2.08+ 2.63	6.80 (2.40 - 9.50)	1930 (430 - 2600)	3.52
	25 + 25 + 42[1]	1.44 + 1.44+ 2.42	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.74 + 1.74+ 3.32	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	25 + 25 + 50[1]	1.33 + 1.33+ 2.65	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.74 + 1.74+ 3.32	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	25 + 35+ 35	1.39 + 1.95+ 1.95	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.93 + 2.44+ 2.44	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	25 + 35 + 42[1]	1.30 + 1.82+ 2.18	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.63 + 2.06+ 3.11	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	25 + 35 + 50[1]	1.20 + 1.69+ 2.41	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.63 + 2.06+ 3.11	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	25 + 42 + 42[1]	1.22 + 2.04+ 2.04	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	1.63 + 2.06+ 3.11	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24
	35 + 35+ 35	1.77 + 1.77+ 1.77	5.30 (2.20 - 8.00)	1800 (420 - 2890)	2.94	2.27 + 2.27+ 2.27	6.80 (2.40 - 9.50)	2100 (430 - 2600)	3.24

[1] For each output corresponding to units 42, 50 and 60, an adapter to switch from 3/8 to 1/2 is required.
** RAM - 53NP3E + RAK - 18QXE + RAK - 35RPE

RAM - 68NP3E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 1.60)	430 (200 - 480)	3.49	2.00	2.00 (1.10 - 2.20)	560 (320 - 850)	3.57
	18	1.80	1.80 (1.50 - 2.00)	495 (280 - 500)	3.64	2.50	2.50 (1.80 - 3.50)	720 (320 - 1130)	3.47
	25	2.50	2.50 (1.50 - 2.80)	700 (280 - 720)	3.57	3.40	3.40 (1.80 - 4.70)	980 (320 - 1480)	3.47
	35	3.50	3.50 (1.50 - 3.90)	1030 (280 - 1130)	3.40	4.30	4.30 (1.80 - 5.80)	1150 (320 - 1950)	3.74
	42	4.20	4.20 (1.50 - 5.60)	1450 (280 - 1800)	2.90	6.50	6.50 (1.80 - 7.20)	2030 (320 - 2530)	3,20
	50	5.00	5.00 (1.50 - 5.60)	1480 (280 - 1800)	3.38	6.50	6.50 (1.80 - 7.20)	2030 (320 - 2530)	3.20
	60	6.00	6.00 (1.50 - 6.60)	1480 (280 - 2290)	4.05	7.30	7.30 (1.80 - 8.50)	2590 (320 - 2860)	2.82
2 units	15+ 15	1.50+ 1.50	3.00 (1.50 - 2.80)	870 (380 - 980)	3.45	2.00+ 2.00	4.00 (2.20 - 4.70)	1080 (200 - 1100)	3.70
	15+ 18	1.50+ 1.80	3.30 (1.50 - 3.50)	950 (380 - 1000)	3.47	2.00+ 2.50	4.50 (2.20 - 5.20)	1200 (200 - 1300)	3.75
	15+ 25	1.50+ 2.50	4.00 (1.50 - 4.00)	1300 (380 - 1300)	3.08	2.00+ 3.40	5.40 (2.20 - 6.40)	1450 (200 - 1780)	3.72
	15+ 35	1.50+ 3.50	5.00 (1.50 - 5.20)	1450 (380 - 1450)	3.45	2.00+ 4.30	6.30 (2.20 - 7.20)	1660 (200 - 2010)	3.80
	15 + 42 [1]	1.50+ 4.20	5.70 (1.50 - 5.90)	1700 (380 - 2380)	3.35	2.00+ 6.50	8.50 (2.20 - 7.20)	2200 (390 - 3120)	3.86
	15 + 50 [1]	1.50+ 5.00	6.50 (1.50 - 5.90)	1830 (380 - 2380)	3.55	2.00+ 6.50	8.50 (2.20 - 7.20)	2200 (390 - 3120)	3.86
	15 + 60 [1]	1.36+ 5.44	6.80 (1.50 - 6.50)	2120 (380 - 2580)	3.58	1.83+ 6.67	8.50 (2.20 - 8.60)	2200 (390 - 3120)	3.86
	18+ 18	1.80+ 1.80	3.60 (2.00 - 4.00)	1020 (380 - 1020)	3.53	2.50+ 2.50	5.00 (2.20 - 6.40)	1380 (390 - 2750)	3.62
	18 + 25	1.80 + 2.50	4.30 (2.00 - 4.70)	1380 (380 - 1360)	3.12	2.50 + 3.40	5.90 (2.20 - 7.20)	1580 (390 - 3000)	3.73
	18 + 35	1.80 + 3.50	5.30 (2.00 - 5.80)	1750 (380 - 1950)	3.03	2.50 + 4.30	6.80 (2.20 - 7.20)	1610 (390 - 3120)	4.22
	18 + 42[1]	1.80 + 5.00	6.00 (2.00 - 7.10)	1830 (380 - 2820)	3.28	2.36 + 6.14	8.50 (2.20 - 9.50)	2120 (390 - 3120)	4.01
	18 + 50[1]	1.80 + 5.00	6.80 (2.00 - 7.10)	1830 (380 - 2820)	3.72	2.36 + 6.14	8.50 (2.20 - 9.50)	2120 (390 - 3120)	4.01
	18 + 60[1]	1.70 + 5.40	6.80 (2.00 - 7.50)	1900 (380 - 2980)	3.58	2.17 + 6.33	8.50 (2.20 - 9.50)	2200 (390 - 3120)	3.86
	25 + 25	2.50 + 2.50	5.00 (2.00 - 5.50)	1480 (380 - 1720)	3.38	3.40 + 3.40	6.80 (2.20 - 9.50)	2000 (390 - 3120)	3.40
	25 + 35	2.50 + 3.50	6.00 (2.00 - 6.60)	1850 (380 - 2380)	3.24	3.40 + 4.30	7.70 (2.20 - 9.50)	2120 (390 - 3120)	3.63
	25 + 42[1]	2.50 + 4.20	6.70 (2.00 - 7.50)	2060 (380 - 2980)	3.25	2.92 + 5.58	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	25 + 50[1]	2.27 + 4.53	6.80 (2.00 - 7.50)	2060 (380 - 2980)	3.30	2.92 + 5.58	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	25 + 60[1]	2.10 + 5.00	6.80 (2.00 - 7.50)	2060 (380 - 2980)	3.30	2.70 + 5.80	8.50 (2.20 - 9.50)	2450 (390 - 3120)	3.47
	35 + 35	3.40 + 3.40	6.80 (2.00 - 7.40)	2060 (380 - 2940)	3.30	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	35 + 42[1]	3.09 + 3.71	6.80 (2.00 - 7.50)	2060 (380 - 2890)	3.30	3.38 + 5.12	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	35 + 50[1]	2.80 + 4.00	6.80 (2.00 - 7.50)	2060 (380 - 2890)	3.30	3.38 + 5.12	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	35 + 60[1]	2.60 + 4.50	6.80 (2.00 - 7.80)	2060 (380 - 3100)	2.78	3.15 + 5.35	8.50 (2.20 - 9.50)	2450 (390 - 3120)	3.47
	42 + 42[1]	3.40 + 3.40	6.80 (2.00 - 8.00)	2060 (380 - 3170)	3.30	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	42 + 50[1]	3.10 + 3.70	6.80 (2.00 - 8.00)	2060 (380 - 3170)	3.30	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	42 + 60[1]	2.80 + 4.00	6.80 (2.00 - 8.00)	2060 (380 - 3170)	3.30	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	50 + 50[1]	3.40 + 3.40	6.80 (2.00 - 8.00)	2060 (380 - 3170)	3.30	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	50 + 60[1]	3.20 + 3.90	6.80 (2.00 - 8.00)	2360 (380 - 3170)	2.88	4.00 + 4.50	8.50 (2.20 - 9.50)	2450 (390 - 3120)	3.47

* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
[1] For each output corresponding to units 42, 50 and 60, a refrigerant adapter to switch from 3/8 to 1/2 is required.
** RAM - 68NP3E + RAK - 18RPE + RAK - 25RPE + RAK - 25RPE.

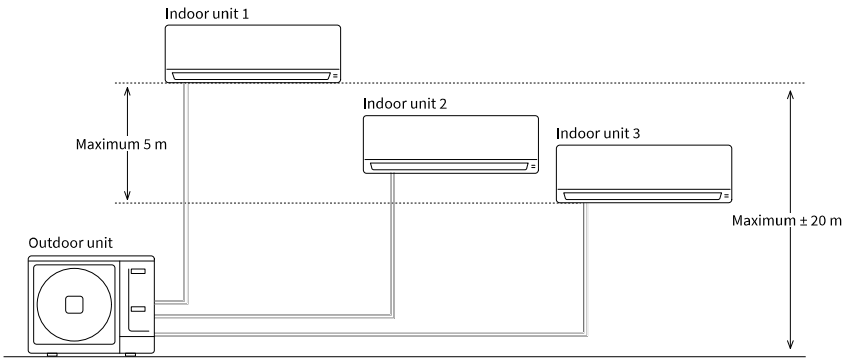
Refrigerant lengths

RAM-68NP3E

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

Pre-charged for 30 m.
Additional 20g/m required beyond 35 m.

Always connect the most powerful indoor unit to the lowest connector.



Indoor unit combinations

Standard multi-splits

RAM - 68NP3E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
3 units	15 + 15 + 15	1.50 + 1.50 + 1.50	4.50 (2.20 - 5.00)	1400 (420 - 1680)	3.21	2.00 + 2.00 + 2.00	6.00 (2.40 - 6.50)	1650 (430 - 1800)	3.64
	15 + 15 + 18	1.50 + 1.50 + 1.80	4.80 (2.20 - 5.50)	1480 (240 - 1880)	3.24	2.00 + 2.00 + 2.50	6.50 (2.40 - 7.00)	1750 (430 - 2100)	3.71
	15 + 15 + 25	1.50 + 1.50 + 2.50	5.50 (2.20 - 6.00)	1680 (420 - 2280)	3.27	2.00 + 2.00 + 3.40	7.40 (2.20 - 9.30)	2010 (430 - 2200)	3.68
	15 + 15 + 35	1.50 + 1.50 + 3.50	6.50 (2.20 - 7.00)	2010 (420 - 2480)	3.23	2.00 + 2.00 + 4.30	8.30 (2.40 - 9.50)	2260 (430 - 2500)	3.67
	15 + 15 + 42[1]	1.42 + 1.42+ 3.97	6.80 (2.20 - 7.50)	2100(420 - 2890)	3.24	1.62 + 1.62+ 5.26	8.50 (2.40 - 9.50)	2300 (430 - 2600)	3.7
	15 + 15 + 50[1]	1.28 + 1.28+ 4.25	6.80 (2.20 - 7.50)	2100(420 - 2890)	3.24	1.62 + 1.62+ 5.26	8.50 (2.40 - 9.50)	2300 (430 - 2600)	3.7
	15 + 15 + 60[1]	1.13 + 1.13+ 4.53	6.80 (2.20 - 8.00)	2180(420 - 2960)	3.12	1.53 + 1.38+ 5.59	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 18 + 18	1.50 + 1.80 + 1.80	5.10 (2.20 - 5.60)	1550(420 - 2280)	3.29	2.00 + 2.50 + 2.50	7.00 (2.20 - 9.30)	1900 (430 - 2400)	3.68
	15 + 18 + 25	1.50 + 1.80 + 2.50	5.80 (2.20 - 6.30)	1800(420 - 2480)	3.22	2.00 + 2.50 + 3.40	7.90 (2.40 - 9.50)	2150 (430 - 2600)	3.67
	15 + 18 + 35	1.50 + 1.80 + 3.50	6.80 (2.20 - 7.50)	2100(420 - 2480)	3.24	1.93 + 2.41 + 4.15	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 18 + 42[1]	1.36 + 1.63 + 3.81	6.80 (2.20 - 7.50)	2100(420 - 2890)	3.24	1.55 + 1.93 + 5.02	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 18 + 50[1]	1.23 + 1.47 + 4.10	6.80 (2.20 - 7.50)	2100(420 - 2890)	3.24	1.55 + 1.93 + 5.02	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 18 + 60[1]	1.10 + 1.32 + 4.39	6.80 (2.20 - 8.00)	2180(420 - 2960)	3.12	1.44 + 1.80 + 5.26	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 25 + 25	1.50 + 2.50 + 2.50	6.50 (1.50 - 7.00)	2020(420 - 2480)	3.22	1.93 + 3.28 + 3.28	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 25 + 35	1.36 + 2.27 + 3.17	6.80 (2.20 - 7.80)	2100(420 - 2890)	3.24	1.75 + 2.98 + 3.77	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 25 + 42[1]	1.24 + 2.07 + 3.48	6.80 (2.20 - 8.00)	2100(420 - 2960)	3.24	1.43 + 2.43 + 4.64	8.50 (2.40 - 9.50)	2310 (430 - 2600)	3.68
	15 + 25 + 50[1]	1.13 + 1.89 + 3.78	6.80 (2.20 - 8.00)	2100(420 - 2960)	3.24	1.43 + 2.43 +4.64	8.50 (2.40 - 9.50)	2310 (430 - 2600)	3.68
	15 + 25 + 60[1]	1.02 + 1.70 + 4.08	6.80 (2.20 - 8.00)	2180(420 - 2960)	3.12	1.34 + 2.28 + 4.89	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 35 + 35	1.20 + 2.80 + 2.80	6.80 (2.20 - 8.00)	2100(420 - 2890)	3.24	1.60 + 3.45 + 3.45	8.50 (2.40 - 9.50)	2310 (430 - 2600)	3.68
	15 + 35 + 42[1]	1.11 + 2.59 + 3.10	6.80 (2.20 - 8.00)	2100(420 - 2960)	3.24	1.33 + 2.86 + 4.32	8.50 (2.40 - 9.50)	2310 (430 - 2600)	3.68
	15 + 35 + 50[1]	1.02 + 2.38 + 3.40	6.80 (2.20 - 8.00)	2100(420 - 2960)	3.24	1.33 + 2.86 + 4.32	8.50 (2.40 - 9.50)	2310 (430 - 2600)	3.68
	15 + 35 + 60[1]	0.93 + 2.16 + 3.71	6.80 (2.20 - 8.00)	2180(420 - 2960)	3.12	1.14 + 2.73 + 4.63	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 42 + 42[1]	1.03 + 2.88 + 2.88	6.80 (2.20 - 8.00)	2180(420 - 2960)	3.12	1.03 + 3.73 + 3.73	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 42 + 50[1]	0.95 + 2.67 + 3.18	6.80 (2.20 - 8.00)	2180(420 - 2960)	3.12	1.03 + 3.73 + 3.73	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	18 + 18 + 18	1.80 + 1.80 + 1.80	5.40 (2.20 - 5.90)	1450(420 - 2190)	3.72	2.50 + 2.50 + 2.50	7.50 (2.40 - 9.50)	2050 (430 - 2600)	3.66
	18 + 18 + 25	1.80 + 1.80 + 2.50	6.10 (2.20 - 6.70)	1720(420 - 2480)	3.55	2.50 + 2.50 + 3.40	8.40 (2.40 - 9.50)	2150 (430 - 2600)	3.91
	18 + 18 + 35	1.72 + 1.72 + 3.35	6.80 (2.20 - 7.80)	2080(420 - 2890)	3.27	2.28 + 2.28 + 3.93	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 18 + 42[1]	1.57 + 1.57 + 3.66	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	1.85 + 1.85 + 4.80	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 18 + 50[1]	1.42 + 1.42 + 3.95	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	1.85 + 1.85 + 4.80	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 18 + 60[1]	1.28 + 1.28 + 4.25	6.80 (2.20 - 8.00)	2160(420 - 2960)	3.15	1.73 + 1.73 + 5.04	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 25 + 25	1.80 + 2.50 + 2.50	6.80 (2.20 - 7.50)	2080(420 - 2780)	3.27	2.28 + 3.11 + 3.11	8.50 (2.40 - 9.50)	2200 (430 - 2600)	3.86
	18 + 25 + 35	1.57 + 2.18 + 3.05	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.08 + 2.83 + 3.58	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 25 + 42[1]	1.44 + 2.00 + 3.36	6.80 (2.20 - 8.00)	2080(440 - 2770)	3.27	1.71 + 2.33 + 4.46	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 25 + 50[1]	1.32 + 1.83 + 3.66	6.80 (2.20 - 8.00)	2080(440 - 2770)	3.27	1.71 + 2.33 +4.46	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 25 + 60[1]	1.19 + 1.65 + 3.96	6.80 (2.20 - 8.00)	2160(420 - 2960)	3.15	1.61 + 2.19 + 4.70	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	18 + 35 + 35	1.39 + 2.70 + 2.70	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	1.91 + 3.29 + 3.29	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 35 + 42[1]	1.29 + 2.51 + 3.01	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	1.60 + 2.75 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 35 + 50[1]	1.19 + 2.31 + 3.30	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	1.60 + 2.75 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 25 + 25	2.27 + 2.27 + 2.27	6.80 (2.20 - 7.80)	2080(420 - 2890)	3.27	2.83 + 2.83 + 2.83	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	25 + 25 + 35	2.00 + 2.00 + 2.80	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.60 + 2.60 + 3.29	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	25 + 25 + 42[1]	1.85 + 1.85 + 3.10	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.17 + 2.17 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 25 + 50[1]	1.70 + 1.70 + 3.40	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.17 + 2.17 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 25 + 60[1]	1.55 + 1.55 + 3.71	6.80 (2.20 - 8.00)	2160(420 - 2960)	3.15	2.05 + 2.05 + 4.40	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	25 + 35 + 35	1.79 + 2.51 + 2.51	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.41 + 3.05 + 3.05	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	25 + 35 + 42[1]	1.67 + 2.33 + 2.80	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.04 + 2.57 + 3.89	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 35 + 50[1]	1.55 + 2.16 + 3.09	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.04 + 2.57 + 3.89	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 42 + 42[1]	1.56 + 2.62 + 2.62	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.04 + 2.57 + 3.89	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	35 + 35 + 35	2.27 + 2.27 + 2.27	6.80 (2.20 - 8.00)	2080(420 - 2960)	3.27	2.83 + 2.83 + 2.83	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73

[1] For each output corresponding to units 42, 50 and 60, a refrigerant adapter to switch from 3/8 to 1/2 is required.
** RAM - 68NP3E + RAK - 18RPE + RAK - 25RPE + RAK - 25RPE.

RAM - 70NP4E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP Class
1 unit*	15	1.50	1.50 (1.00 - 1.60)	400 (200 - 480)	3.75	2.00	2.00 (1.10 - 2.20)	560 (320 - 850)	3.57
	18	1.80	1.80 (1.50 - 2.00)	450 (280 - 500)	4.00	2.50	2.50 (1.80 - 3.50)	720 (320 - 1130)	3.47
	25	2.50	2.50 (1.50 - 2.80)	650 (280 - 720)	3.85	3.40	3.40 (1.80 - 4.70)	980 (320 - 1480)	3.47
	35	3.50	3.50 (1.50 - 3.90)	1030 (280 - 1130)	3.40	4.30	4.30 (1.80 - 5.80)	1150 (320 - 1950)	3.74
	42	4.20	4.20 (1.50 - 5.60)	1450 (280 - 1800)	2.90	6.50	6.50 (1.80 - 7.20)	2030 (320 - 2530)	3.20
	50	5.00	5.00 (1.50 - 5.60)	1450 (280 - 1800)	3.45	6.50	6.50 (1.80 - 7.20)	2030 (320 - 2530)	3.20
	60	6.00	6.00 (1.50 - 6.60)	1450 (280 - 2290)	4.14	7.30	7.30 (1.80 - 8.50)	2100 (320 - 2860)	3.48
2 units	15+ 15	1.50+ 1.50	3.00 (1.50 - 2.80)	870 (380 - 980)	3.45	2.00+ 2.00	4.00 (2.20 - 4.70)	1080 (200 - 1100)	3.70
	15+ 18	1.50+ 1.80	3.30 (1.50 - 3.50)	950 (380 - 1000)	3.47	2.00+ 2.50	4.50 (2.20 - 5.20)	1200 (200 - 1300)	3.75
	15+ 25	1.50+ 2.50	4.00 (1.50 - 4.00)	1150 (380 - 1300)	3.48	2.00+ 3.40	5.40 (2.20 - 6.40)	1450 (200 - 1780)	3.72
	15+ 35	1.50+ 3.50	5.00 (1.50 - 5.20)	1450 (380 - 1450)	3.45	2.00+ 4.30	6.30 (2.20 - 7.20)	1660 (200 - 2010)	3.80
	15+ 42	1.50+ 4.20	5.70 (1.50 - 5.90)	1950 (380 - 2380)	2.92	2.00+ 6.50	8.50 (2.20 - 7.20)	2200 (390 - 3120)	3.86
	15+ 50	1.50+ 5.00	6.50 (1.50 - 5.90)	2000 (380 - 2380)	3.25	2.00+ 6.50	8.50 (2.20 - 7.20)	2200 (390 - 3120)	3.86
	15+ 60	1.40+ 5.60	7.00 (1.50 - 6.50)	2000 (380 - 2580)	3.50	1.83+ 6.67	8.50 (2.20 - 8.60)	2200 (390 - 3120)	3.86
	18+ 18	1.80+ 1.80	3.60 (2.00 - 4.00)	1020 (380 - 1020)	3.53	2.50+ 2.50	5.00 (2.20 - 6.40)	1380 (390 - 2750)	3.62
	18 + 25	1.80 + 2.50	4.30 (2.00 - 4.70)	1120 (380 - 1360)	3.84	2.50 + 3.40	5.90 (2.20 - 7.20)	1610 (390 - 3000)	3.66
	18 + 35	1.80 + 3.50	5.30 (2.00 - 5.80)	1600 (380 - 1950)	3.31	2.50 + 4.30	6.80 (2.20 - 7.20)	1850 (390 - 3120)	3.68
	18 + 42	1.80 + 4.20	6.00 (2.00 - 7.10)	1800 (380 - 2820)	3.33	2.36 + 6.14	8.50 (2.20 - 9.50)	2110 (390 - 3120)	4.03
	18 + 50	1.80 + 5.00	6.80 (2.00 - 7.10)	1830 (380 - 2820)	3.72	2.36 + 6.14	8.50 (2.20 - 9.50)	2120 (390 - 3120)	4.01
	18 + 60	1.70 + 5.40	7.00 (2.00 - 7.50)	2100 (380 - 2980)	3.33	2.17 + 6.33	8.50 (2.20 - 9.50)	2150 (390 - 3120)	3.95
	25 + 25	2.50 + 2.50	5.00 (2.00 - 5.50)	1410 (380 - 1720)	3.55	3.40 + 3.40	6.80 (2.20 - 9.50)	1850 (390 - 3120)	3.68
	25 + 35	2.50 + 3.50	6.00 (2.00 - 6.60)	1850 (380 - 2380)	3.24	3.60 + 4.30	7.70 (2.20 - 9.50)	2120 (390 - 3120)	3.63
	25 + 42	2.50 + 4.20	6.70 (2.00 - 7.50)	2100 (380 - 2980)	3.19	2.92 + 5.58	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	25 + 50	2.33 + 4.67	7.00 (2.00 - 7.50)	2100 (380 - 2980)	3.33	2.92 + 5.58	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	25 + 60	2.06 + 4.94	7.00 (2.00 - 7.50)	2100 (380 - 2980)	3.33	2.70 + 5.80	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	35 + 35	3.50 + 3.50	7.00 (2.00 - 7.40)	1890 (380 - 2940)	3.70	4.25 + 4.25	8.50 (2.20 - 9.50)	2020 (390 - 3120)	4.21
	35 + 42	3.18 + 3.82	7.00 (2.00 - 7.50)	2100 (380 - 2890)	3.33	3.38 + 5.12	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	35 + 50	2.88 + 4.12	7.00 (2.00 - 7.50)	2100 (380 - 2890)	3.33	3.38 + 5.12	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	35 + 60	2.58 + 4.42	7.00 (2.00 - 7.80)	2100 (380 - 3100)	3.33	3.15 + 5.35	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	42 + 42	3.50 + 3.50	7.00 (2.00 - 8.00)	2100 (380 - 3170)	3.33	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	42 + 50	3.20 + 3.80	7.00 (2.00 - 8.00)	2100 (380 - 3170)	3.33	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	42 + 60	2.88 + 4.12	7.00 (2.00 - 8.00)	2100 (380 - 3170)	3.33	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	50 + 50	3.50 + 3.50	7.00 (2.00 - 8.00)	2100 (380 - 3170)	3.33	4.25 + 4.25	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62
	50 + 60	3.18 + 3.82	7.00 (2.00 - 8.00)	2100 (380 - 3170)	3.33	4.00 + 4.50	8.50 (2.20 - 9.50)	2350 (390 - 3120)	3.62

* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
** RAM - 70NP4E + RAK - 35RPE + RAK - 35RPE.

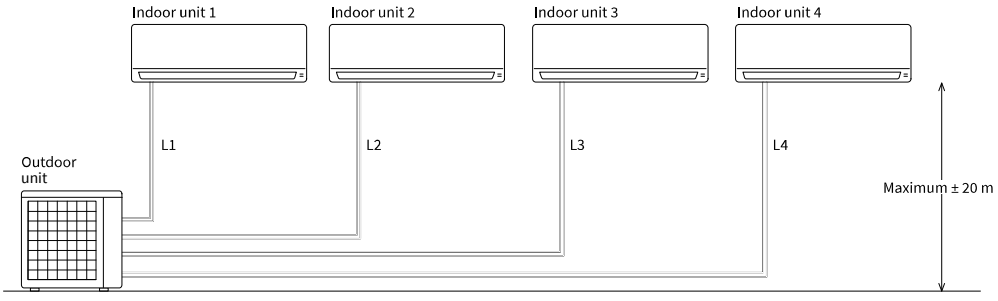
Refrigerant lengths

RAM-70NP4E

L1 + L2 + L3 + L4 < 60 m
L1 ; L2 ; L3 ; L4 < 25 m

Pre-charged for 30 m.
Additional 20 g/m required beyond 30 m. Maximum height between the highest indoor unit and the lowest indoor unit: 5 m.

Always connect the most powerful indoor unit to the lowest connector.



Indoor unit combinations

Standard multi-splits

RAM - 70NP4E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
3 units	15 + 15 + 15	1.50 + 1.50 + 1.50	4.50 (2.20 - 5.00)	1400 (420 - 1680)	3.21	2.00 + 2.00 + 2.00	6.00 (2.40 - 6.50)	1650 (430 - 1800)	3.64
	15 + 15 + 18	1.50 + 1.50 + 1.80	4.80 (2.20 - 5.50)	1480 (240 - 1880)	3.24	2.00 + 2.00 + 2.50	6.50 (2.40 - 7.00)	1750 (430 - 2100)	3.71
	15 + 15 + 25	1.50 + 1.50 + 2.50	5.50 (2.20 - 6.00)	1680 (420 - 2280)	3.27	2.00 + 2.00 + 3.40	7.40 (2.20 - 9.30)	2010 (430 - 2200)	3.68
	15 + 15 + 35	1.50 + 1.50 + 3.50	6.50 (2.20 - 7.00)	2010 (420 - 2480)	3.23	2.00 + 2.00 + 4.30	8.30 (2.40 - 9.50)	2260 (430 - 2500)	3.67
	15 + 15+ 42	1.46 + 1.46+ 4.08	7.00 (2.20 - 7.50)	2100 (420 - 2890)	3.33	1.62 + 1.62+ 5.26	8.50 (2.40 - 9.50)	2300 (430 - 2600)	3.70
	15 + 15+ 50	1.31 + 1.31+ 4.38	7.00 (2.20 - 7.50)	2100 (420 - 2890)	3.33	1.62 + 1.62+ 5.26	8.50 (2.40 - 9.50)	2300 (430 - 2600)	3.70
	15 + 15+ 60	1.17 + 1.17+ 4.67	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.53 + 1.38+ 5.59	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 18 + 18	1.50 + 1.80 + 1.80	5.10 (2.20 - 5.60)	1550 (420 - 2280)	3.29	2.00 + 2.50 + 2.50	7.00 (2.20 - 9.30)	1900 (430 - 2400)	3.68
	15 + 18 + 25	1.50 + 1.80 + 2.50	5.80 (2.20 - 6.30)	1800 (420 - 2480)	3.22	2.00 + 2.50 + 3.40	7.90 (2.40 - 9.50)	2150 (430 - 2600)	3.67
	15 + 18 + 35	1.50 + 1.80 + 3.50	6.80 (2.20 - 7.50)	2100 (420 - 2480)	3.24	1.93 + 2.41 + 4.15	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 18 + 42	1.40 + 1.68 + 3.92	7.00 (2.20 - 7.50)	2100 (420 - 2890)	3.33	1.55 + 1.93 + 5.02	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 18 + 50	1.27 + 1.52 + 4.22	7.00 (2.20 - 7.50)	2100 (420 - 2890)	3.33	1.55 + 1.93 + 5.02	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 18 + 60	1.13 + 1.35 + 4.52	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.44 + 1.80 + 5.26	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 25 + 25	1.50 + 2.50 + 2.50	6.50 (2.20 - 7.00)	2020 (420 - 2480)	3.22	1.93 + 3.28 + 3.28	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 25 + 35	1.40 + 2.33 + 3.27	7.00 (2.20 - 7.80)	2100 (420 - 2890)	3.33	1.75 + 2.98 + 3.77	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	15 + 25 + 42	1.28 + 2.13 + 3.59	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.43 + 2.43 + 4.64	8.50 (2.40 - 9.50)	2310 (430 - 2600)	3.68
	15 + 25 + 50	1.17 + 1.94 + 3.89	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.43 + 2.43 + 4.64	8.50 (2.40 - 9.50)	2310 (430 - 2600)	3.68
	15 + 25 + 60	1.05 + 1.75 + 4.20	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.34 + 2.28 + 4.89	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 35 + 35	1.24 + 2.88 + 2.88	7.00 (2.20 - 8.00)	2100 (420 - 2890)	3.33	1.60 + 3.45 + 3.45	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 35 + 42	1.14 + 2.66 + 3.20	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.33 + 2.86 + 4.32	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 35 + 50	1.05 + 2.45 + 3.50	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.33 + 2.86 + 4.32	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 35 + 60	0.95 + 2.23 + 3.82	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.25 + 2.69 + 4.56	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 42 + 42	1.06 + 2.97 + 2.97	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.13 + 3.68 + 3.68	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 42 + 50	0.98 + 2.75 + 3.27	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.13 + 3.68 + 3.68	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	15 + 50 + 50	0.91 + 3.04 + 3.04	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.13 + 3.68 + 3.68	8.50 (2.40 - 9.50)	2260 (430 - 2600)	3.76
	18 + 18 + 18	1.80 + 1.80 + 1.80	5.40 (2.20 - 5.90)	1450 (420 - 2190)	3.72	2.50 + 2.50 + 2.50	7.50 (2.40 - 9.50)	2050 (430 - 2600)	3.66
	18 + 18 + 25	1.80 + 1.80 + 2.50	6.10 (2.20 - 6.70)	1720 (420 - 2480)	3.55	2.50 + 2.50 + 3.40	8.40 (2.40 - 9.50)	2290 (430 - 2600)	3.67
	18 + 18 + 35	1.77 + 1.77 + 3.45	7.00 (2.20 - 7.80)	2080 (420 - 2890)	3.37	2.28 + 2.28 + 3.93	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	18 + 18 + 42	1.62 + 1.62 + 3.77	7.00 (2.20 - 8.00)	2080 (420 - 2890)	3.37	1.85 + 1.85 + 4.80	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 18 + 50	1.47 + 1.47 + 4.07	7.00 (2.20 - 8.00)	2080 (420 - 2890)	3.37	1.85 + 1.85 + 4.80	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 18 + 60	1.35 + 1.35 + 4.40	7.00 (2.20 - 8.00)	2100 (420 - 2960)	3.33	1.73 + 1.73 + 5.04	8.50 (2.40 - 9.50)	2320 (430 - 2600)	3.66
	18 + 25 + 25	1.80 + 2.50 + 2.50	6.8 (2.20 - 7.50)	2080 (420 - 2780)	3.27	2.28 + 3.11 + 3.11	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	18 + 25 + 35	1.62 + 2.24 + 3.14	7.00 (2.20 - 8.00)	2080 (420 - 2890)	3.37	2.08 + 2.83 + 3.58	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	18 + 25 + 42	1.48 + 2.06 + 3.46	7.00 (2.20 - 8.00)	2080 (420 - 2770)	3.37	1.71 + 2.33 + 4.46	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 25 + 50	1.35 + 1.88 + 3.76	7.00 (2.20 - 8.00)	2080 (420 - 2770)	3.37	1.71 + 2.33 + 4.46	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 25 + 60	1.25 + 1.70 + 4.15	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	1.61 + 2.19 + 4.70	8.50 (2.40 - 9.50)	2320 (430 - 2600)	3.66
	18 + 35 + 35	1.43 + 2.78 + 2.78	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	1.91 + 3.29 + 3.29	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	18 + 35 + 42	1.33 + 2.58 + 3.09	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	1.60 + 2.75 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 35 + 50	1.22 + 2.38 + 3.40	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	1.60 + 2.75 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 42 + 42	1.24 + 2.88 + 2.88	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	1.60 + 2.75 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	18 + 42 + 50	1.15 + 2.67 + 3.18	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	1.60 + 2.75 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 25 + 25	2.33 + 2.33 + 2.33	7.00 (2.20 - 7.80)	2080 (420 - 2890)	3.37	2.83 + 2.83 + 2.83	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	25 + 25 + 35	2.06 + 2.06 + 2.88	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.60 + 2.60 + 3.29	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	25 + 25 + 42	1.90 + 1.90 + 3.20	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.17 + 2.17 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 25 + 50	1.75 + 1.75 + 3.50	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.17 + 2.17 + 4.15	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 25 + 60	1.60 + 1.60 + 3.90	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.05 + 2.05 + 4.40	8.50 (2.40 - 9.50)	2320 (430 - 2600)	3.66
	25 + 35 + 35	1.84 + 2.58 + 2.58	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.41 + 3.05 + 3.05	8.50 (2.40 - 9.50)	2290 (430 - 2600)	3.71
	25 + 35 + 42	1.72 + 2.40 + 2.88	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.04 + 2.57 + 3.89	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	25 + 35 + 50	1.59 + 2.23 + 3.18	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.04 + 2.57 + 3.89	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73
	35 + 35 + 35	2.33 + 2.33 + 2.33	7.00 (2.20 - 8.00)	2080 (420 - 2960)	3.37	2.83 + 2.83 + 2.83	8.50 (2.40 - 9.50)	2280 (430 - 2600)	3.73

** RAM - 70NP4E + RAK - 35RPE + RAK - 35RPE.

RAM - 70NP4E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
4 units	15 + 15 + 15 + 15	1.50 + 1.50 + 1.50 + 1.50	6.00 (2.20 - 6.50)	1600 (200 - 1660)	3.75	2.00 + 2.00 + 2.00 + 2.00	8.00 (2.60 - 9.00)	2150 (460 - 2420)	3.72
	15 + 15 + 15 + 18	1.50 + 1.50 + 1.50 + 1.80	6.30 (2.20 - 6.70)	1650 (420 - 2010)	3.82	2.00 + 2.00 + 2.00 + 2.50	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 15 + 15 + 25	1.50 + 1.50 + 1.50 + 2.50	7.00 (2.20 - 7.50)	1890 (420 - 2010)	3.70	1.81 + 1.81 + 1.81 + 3.07	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 15 + 35	1.31 + 1.31 + 1.31 + 3.06	7.00 (2.40 - 7.90)	2100 (450 - 2650)	3.33	1.65 + 1.65 + 1.65 + 3.55	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 15 + 42	1.21 + 1.21 + 1.21 + 3.38	7.00 (2.40 - 8.50)	2100 (450 - 2650)	3.33	1.36 + 1.36 + 1.36 + 4.42	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 15 + 50	1.11 + 1.11 + 1.11 + 3.68	7.00 (2.40 - 8.50)	2100 (450 - 2650)	3.33	1.36 + 1.36 + 1.36 + 4.42	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 15 + 60	1.00 + 1.00 + 1.00 + 4.00	7.00 (2.40 - 8.50)	2100 (450 - 2650)	3.33	1.28 + 1.28 + 1.28 + 4.67	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 18 + 18	1.50 + 1.50 + 1.80 + 1.80	6.60 (2.20 - 7.00)	1850 (420 - 2010)	3.57	1.89 + 1.89 + 2.36 + 2.36	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 18 + 25	1.44 + 1.44 + 1.73 + 2.40	7.00 (2.40 - 7.50)	2010 (420 - 2310)	3.48	1.72 + 1.72 + 2.15 + 2.92	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 1 5 + 1 8 + 35	1.27 + 1.27 + 1.52 + 2.95	7.00 (2.40 - 7.70)	2100 (450 - 2650)	3.33	1.57 + 1.57 + 1.97 + 3.38	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 18 + 42	1.17 + 1.17 + 1.40 + 3.27	7.00 (2.40 - 7.70)	2100 (450 - 2650)	3.33	1.31 + 1.31 + 1.63 + 4.25	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 18 + 50	1.07 + 1.07 + 1.29 + 3.57	7.00 (2.40 - 7.70)	2100 (450 - 2650)	3.33	1.31 + 1.31 + 1.63 + 4.25	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 18 + 60	0.97 + 0.97 + 1.17 + 3.89	7.00 (2.40 - 7.70)	2100 (450 - 3020)	3.33	1.23 + 1.23 + 1.54 + 4.50	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 15 + 25 + 25	1.31 + 1.31 + 2.19 + 2.19	7.00 (2.40 - 7.90)	2100 (450 - 2650)	3.33	1.57 + 1.57 + 2.68 + 2.68	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 25 + 35	1.17 + 1.17 + 1.94 + 2.72	7.00 (2.40 - 7.90)	2100 (450 - 2650)	3.33	1.45 + 1.45 + 2.47 + 3.12	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 25 + 42	1.08 + 1.08 + 1.80 + 3.03	7.00 (2.40 - 8.50)	2100 (450 - 2650)	3.33	1.22 + 1.22 + 2.08 + 3.97	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 15 + 25 + 50	1.00 + 1.00 + 1.67 + 3.33	7.00 (2.40 - 8.50)	2100 (450 - 2650)	3.33	1.22 + 1.22 + 2.08 + 3.97	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 15 + 25 + 60	0.91 + 0.91 + 1.52 + 3.65	7.00 (2.40 - 8.80)	2100 (450 - 3020)	3.33	1.16 + 1.16 + 1.97 + 4.22	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 15 + 35 + 35	1.05 + 1.05 + 2.45 + 2.45	7.00 (2.40 - 8.50)	2100 (450 - 2650)	3.33	1.35 + 1.35 + 2.90 + 2.90	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 15 + 35 + 42	0.98 + 0.98 + 2.29 + 2.75	7.00 (2.40 - 8.80)	2100 (450 - 3020)	3.33	1.15 + 1.15 + 2.47 + 3.73	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 15 + 35 + 50	0.91 + 0.91 + 2.13 + 3.04	7.00 (2.40 - 8.80)	2100 (450 - 3020)	3.33	1.15 + 1.15 + 2.47 + 3.73	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 18 + 18 + 18	1.50 + 1.80 + 1.80 + 1.80	6.90 (2.40 - 7.50)	2010 (420 - 2310)	3.43	1.79 + 2.24 + 2.24 + 2.24	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 18 + 18 + 25	1.38 + 1.66 + 1.66 + 2.30	7.00 (2.40 - 7.90)	2100 (450 - 2650)	3.33	1.63 + 2.04 + 2.04 + 2.78	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 18 + 18 + 35	1.22 + 1.47 + 1.47 + 2.85	7.00 (2.40 - 7.90)	2100 (450 - 2650)	3.33	1.50 + 1.88 + 1.88 + 3.23	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 18 + 18 + 42	1.13 + 1.35 + 1.35 + 3.16	7.00 (2.40 - 8.80)	2100 (450 - 2650)	3.33	1.26 + 1.57 + 1.57 + 4.09	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 18 + 18 + 50	1.04 + 1.25 + 1.25 + 3.47	7.00 (2.40 - 8.80)	2100 (450 - 2650)	3.33	1.26 + 1.57 + 1.57 + 4.09	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 18 + 18 + 60	0.95 + 1.14 + 1.14 + 3.78	7.00 (2.40 - 8.80)	2110 (450 - 3020)	3.32	1.19 + 1.49 + 1.49 + 4.34	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 18 + 25 + 25	1.27 + 1.52 + 2.11 + 2.11	7.00 (2.40 - 7.90)	2110 (450 - 2650)	3.32	1.50 + 1.88 + 2.56 + 2.56	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 18 + 25 + 35	1.13 + 1.35 + 1.88 + 2.63	7.00 (2.40 - 7.90)	2110 (450 - 2650)	3.32	1.39 + 1.74 + 2.37 + 3.00	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 18 + 25 + 42	1.05 + 1.26 + 1.75 + 2.94	7.00 (2.40 - 8.80)	2110 (450 - 3020)	3.32	1.18 + 1.48 + 2.01 + 3.84	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 18 + 25 + 50	0.97 + 1.17 + 1.62 + 3.24	7.00 (2.40 - 8.80)	2110 (450 - 3020)	3.32	1.18 + 1.48 + 2.01 + 3.84	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	15 + 18 + 35 + 35	1.02 + 1.22 + 2.38 + 2.38	7.00 (2.40 - 7.90)	2110 (450 - 3020)	3.32	1.30 + 1.62 + 2.79 + 2.79	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 25 + 25 + 25	1.17 + 1.94 + 1.94 + 1.94	7.00 (2.40 - 7.90)	2110 (450 - 2650)	3.32	1.39 + 2.37 + 2.37 + 2.37	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 25 + 25 + 35	1.05 + 1.75 + 1.75 + 2.45	7.00 (2.40 - 8.80)	2110 (450 - 2650)	3.32	1.30 + 2.21 + 2.21 + 2.79	8.50 (2.60 - 9.50)	2200 (480 - 2580)	3.86
	15 + 25 + 35 + 35	0.95 + 1.59 + 2.23 + 2.23	7.00 (2.40 - 8.80)	2110 (450 - 3020)	3.32	1.21 + 2.06 + 2.61 + 2.61	8.50 (2.60 - 9.50)	2180 (460 - 2520)	3.90
	18 + 18 + 18 + 18	1.75 + 1.75 + 1.75 + 1.75	7.00 (2.40 - 7.90)	2110 (450 - 2870)	3.32	2.13 + 2.13 + 2.13 + 2.13	8.50 (2.60 - 9.50)	2120 (480 - 2580)	4.01
	18 + 18 + 18 + 25	1.59 + 1.59 + 1.59 + 2.22	7.00 (2.40 - 7.90)	2110 (450 - 3020)	3.32	1.95 + 1.95 + 1.95 + 2.65	8.50 (2.60 - 9.50)	2120 (480 - 2580)	4.01
	18 + 18 + 18 + 35	1.42 + 1.42 + 1.42 + 2.75	7.00 (2.40 - 8.50)	2110 (450 - 3090)	3.32	1.80 + 1.80 + 1.80 + 3.10	8.50 (2.60 - 9.50)	2120 (460 - 2520)	4.01
	18 + 18 + 18 + 42	1.31 + 1.31 + 1.31 + 3.06	7.00 (2.40 - 8.80)	2110 (450 - 3200)	3.32	1.52 + 1.52 + 1.52 + 3.95	8.50 (2.60 - 9.50)	2110 (460 - 2520)	4.03
	18 + 18 + 18 + 50	1.21 + 1.21 + 1.21 + 3.37	7.00 (2.40 - 8.80)	2110 (450 - 3200)	3.32	1.52 + 1.52 + 1.52 + 3.95	8.50 (2.60 - 9.50)	2110 (460 - 2520)	4.03
	18 + 18 + 25 + 25	1.47 + 1.47 + 2.03 + 2.03	7.00 (2.40 - 8.50)	2110 (450 - 3090)	3.32	1.80 + 1.80 + 2.45 + 2.45	8.50 (2.60 - 9.50)	2120 (460 - 2520)	4.01
	18 + 18 + 25 + 35	1.31 + 1.31 + 1.82 + 2.55	7.00 (2.40 - 8.50)	2100 (450 - 3090)	3.33	1.67 + 1.67 + 2.28 + 2.88	8.50 (2.60 - 9.50)	2120 (460 - 2520)	4.01
	18 + 18 + 35 + 35	1.19 + 1.19 + 2.31 + 2.31	7.00 (2.40 - 8.80)	2100 (450 - 3200)	3.33	1.56 + 1.56 + 2.69 + 2.69	8.50 (2.60 - 9.50)	2110 (460 - 2520)	4.03
	18 + 25 + 25 + 25	1.35 + 1.88 + 1.88 + 1.88	7.00 (2.40 - 8.50)	2100 (450 - 3090)	3.33	1.67 + 2.28 + 2.28 + 2.28	8.50 (2.60 - 9.50)	2120 (460 - 2520)	4.01
	18 + 25 + 25 + 35	1.22 + 1.70 + 1.70 + 2.38	7.00 (2.40 - 8.80)	2100 (450 - 3200)	3.33	1.56 + 2.13 + 2.13 + 2.69	8.50 (2.60 - 9.50)	2110 (460 - 2520)	4.03
	18 + 25 + 25 + 42	1.15 + 1.59 + 1.59 + 2.67	7.00 (2.40 - 8.80)	2100 (450 - 3200)	3.33	1.56 + 2.13 + 2.13 + 2.69	8.50 (2.60 - 9.50)	2110 (460 - 2520)	4.03
	25 + 25 + 25 + 25	1.75 + 1.75 + 1.75 + 1.75	7.00 (2.40 - 8.80)	2100 (450 - 3200)	3.33	2.13 + 2.13 + 2.13 + 2.13	8.50 (2.60 - 9.50)	2110 (460 - 2520)	4.03
	25 + 25 + 25 + 35	1.59 + 1.59 + 1.59 + 2.23	7.00 (2.40 - 8.80)	2100 (450 - 3200)	3.33	1.99 + 1.99 + 1.99 + 2.52	8.50 (2.60 - 9.50)	2110 (460 - 2520)	4.03

** RAM - 70NP4E + RAK - 35RPE + RAK - 35RPE.

Indoor unit combinations

Standard multi-splits

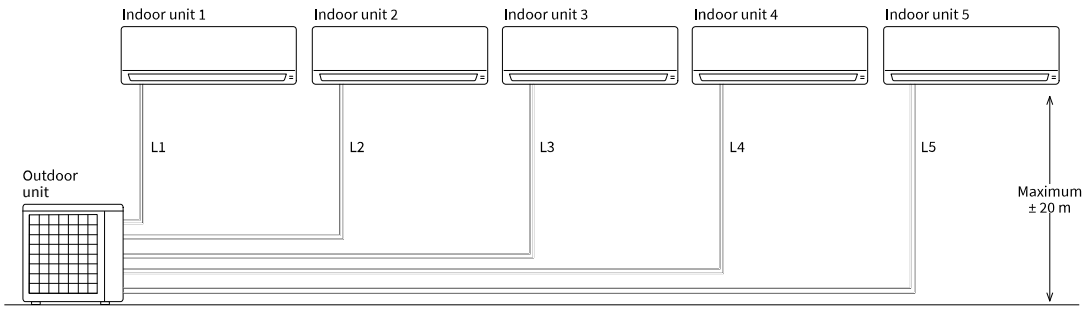
RAM - 90NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit*	15	1.50	1.50 (1.00 - 1.60)	420 (320 - 480)	3.59	2.00	2.00 (1.50 - 2.20)	620 (360 - 850)	3.23
	18	2.00	1.80 (1.70 - 2.00)	500 (320 - 610)	3.60	2.50	2.50 (2.00 - 3.00)	780 (360 - 920)	3.21
	25	2.50	2.50 (1.70 - 2.80)	700 (320 - 860)	3.57	3.40	3.40 (2.00 - 4.00)	1140 (360 - 1340)	2.98
	35	3.50	3.50 (1.70 - 3.90)	1040 (320 - 1270)	3.37	4.30	4.30 (2.00 - 5.20)	1420 (360 - 1720)	3.03
	42	4.20	4.20 (1.70 - 4.20)	1250 (320 - 1270)	3.36	5.20	4.30 (2.00 - 6.50)	1420 (360 - 1720)	3.03
	50	5.00	5.00 (1.70 - 5.50)	1540 (320 - 1860)	3.25	6.50	6.50 (2.00 - 7.30)	2300 (360 - 2580)	2.83
	60	6.00	6.00 (1.70 - 6.60)	1630 (320 - 1860)	3.68	7.50	6.50 (2.00 - 8.20)	2300 (360 - 2950)	2.83
2 units	15+ 15	1.50+ 1.50	3.00 (2.40 - 3.50)	850 (500 - 1020)	3.53	2.00+ 2.00	4.00 (2.70 - 4.50)	950 (500 - 1140)	4.21
	15+ 18	1.50+ 1.80	3.30 (2.40 - 3.80)	950 (500 - 1140)	3.47	2.00+ 2.50	4.50 (2.70 - 5.00)	1180 (500 - 1416)	3.81
	15+ 25	1.50+ 2.50	4.00 (2.40 - 4.50)	1250 (500 - 1500)	3.20	2.00+ 3.40	5.40 (2.70 - 5.90)	1320 (500 - 1584)	4.09
	15+ 35	1.50+ 3.50	5.00 (2.40 - 5.50)	1550 (500 - 1860)	3.23	2.00+ 4.30	6.30 (2.70 - 6.80)	1550 (500 - 1860)	4.06
	15+ 42	1.50+ 4.20	5.70 (2.40 - 7.00)	1600 (500 - 1860)	3.56	2.00+ 5.20	7.20 (2.70 - 8.00)	1850 (500 - 2560)	3.89
	15+ 50	1.50+ 5.00	6.50 (2.40 - 7.00)	2100 (500 - 2520)	3.10	2.00+ 6.50	8.50 (2.70 - 9.00)	2300 (500 - 2760)	3.70
	15+ 60	1.50+ 6.00	7.50 (2.40 - 7.00)	2100 (500 - 2520)	3.57	2.00+ 7.50	9.50 (2.70 - 10.0)	2300 (500 - 2760)	4.13
	18+ 18	1.80+ 1.80	3.60 (2.40 - 4.00)	820 (500 - 860)	4.39	2.50+ 2.50	5.00 (2.70 - 6.90)	1240 (500 - 1710)	4.03
	18 + 25	1.80 + 2.50	4.30 (2.40 - 4.70)	1000 (500 - 1190)	4.30	2.50 + 3.40	5.90 (2.70 - 7.70)	1530 (500 - 1990)	3.86
	18 + 35	1.80 + 3.50	5.30 (2.40 - 5.80)	1590 (500 - 1900)	3.33	2.50 + 4.30	6.80 (2.70 - 8.50)	1870 (500 - 2320)	3.64
	18 + 42	1.59 + 3.71	5.30 (2.40 - 5.80)	1590 (500 - 1900)	3.33	2.50 + 5.20	7.70 (2.70 - 10.00)	2200 (500 - 2880)	3.50
	18 + 50	1.80 + 5.00	6.80 (2.40 - 7.50)	2370 (450 - 2970)	2.87	2.50 + 6.50	9.00 (2.70 - 10.00)	2470 (500 - 2880)	3.64
	18 + 60	1.57 + 5.23	6.80 (2.40 - 8.50)	2370 (450 - 3120)	2.87	2.50 + 7.50	10.00 (2.70 - 10.00)	2470 (500 - 2880)	4.05
	25 + 25	2.50 + 2.50	5.00 (2.40 - 5.50)	1370 (500 - 1640)	3.65	3.40 + 3.40	6.80 (2.70 - 8.50)	1920 (500 - 2250)	3.54
	25 + 35	2.50 + 3.50	6.00 (2.40 - 6.60)	2000 (500 - 2400)	3.00	3.40 + 4.30	7.70 (2.70 - 9.20)	2280 (500 - 2590)	3.38
	25 + 42	2.24 + 3.76	6.00 (2.40 - 6.60)	2000 (500 - 3470)	3.00	3.40 + 5.20	8.60 (2.70 - 9.20)	2400 (500 - 3110)	3.58
	25 + 50	2.50 + 5.00	7.50 (2.40 - 7.00)	2580 (500 - 3470)	2.91	3.40 + 6.50	9.90 (2.70 - 10.50)	2720 (500 - 3110)	3.64
	25 + 60	2.21 + 5.29	8.50 (2.40 - 8.80)	2580 (500 - 3470)	2.91	3.12 + 6.88	10.00 (2.70 - 11.00)	2720 (500 - 3110)	3.68
	35 + 35	3.50 + 3.50	7.00 (2.40 - 7.70)	2490 (450 - 2990)	2.81	4.30 + 4.30	8.60 (2.70 - 10.00)	2460 (500 - 2860)	3.50
	35 + 42	3.18 + 3.82	7.00 (2.40 - 7.70)	2490 (500 - 2990)	2.81	4.30 + 5.20	9.50 (2.70 - 11.00)	2680 (500 - 3320)	3.54
	35 + 50	3.50 + 5.00	8.50 (2.40 - 8.80)	2500 (500 - 3270)	3.40	3.98 + 6.02	10.00 (2.70 - 11.00)	2560 (500 - 3320)	3.90
	35 + 60	3.13 + 5.37	8.50 (2.40 - 9.10)	2700 (500 - 3270)	3.14	3.64 + 6.36	10.00 (2.70 - 11.40)	2790 (500 - 3320)	3.58
	42 + 42	3.50 + 3.50	7.00 (2.40 - 8.80)	2490 (450 - 3270)	2.81	4.30 + 4.30	8.60 (2.70 - 11.00)	2460 (500 - 3200)	3.50
	42 + 50	3.88 + 4.62	8.50 (2.40 - 8.80)	2900 (450 - 3270)	2.93	4.30 + 5.20	9.50 (2.70 - 11.00)	2940 (500 - 3200)	3.23
	42 + 60	3.50 + 5.00	8.50 (2.40 - 9.10)	2900 (450 - 3420)	2.93	3.98 + 6.02	10.00 (2.70 - 11.40)	2940 (500 - 3200)	3.40
	50 + 50	4.25 + 4.25	8.5 (2.40 - 9.20)	2900 (450 - 3460)	2.93	5.00 + 5.00	10.00 (2.70 - 11.40)	2940 (500 - 3200)	3.40
	50 + 60	3.86 + 4.64	8.5 (2.40 - 9.60)	2900 (450 - 3570)	2.93	4.44 + 5.56	10.00 (2.70 - 11.60)	2940 (500 - 3200)	3.40
	60 + 60	4.25 + 4.25	8.50 (2.40 - 9.90)	2900 (450 - 3870)	2.93	5.00 + 5.00	10.00 (2.70 - 12.10)	2940 (500 - 3200)	3.40

* For information: these are performances when a single unit is in operation. However, a minimum of 2 units must be connected to the outdoor unit.
** RAM - 90NP5E + RAK - 25RPE + RAK - 25RPE + RAK - 35RPE.

Refrigerant lengths

RAM-90NP5E

L1 + L2 + L3 + L4 + L5 = Maximum 75 m ; L1 < 25 m ; L2 < 25 m ; L3 < 25 m ; L4 < 25 m ; L5 < 25 m
Maximum height between the highest indoor unit and the lowest indoor unit: 5 m. Pre-charged for 30 m.
Additional 15 g/m required beyond 30 m. Always connect the most powerful indoor unit to the lowest connector
Connector 3 is designed for indoor units 18, 25 or 35. Otherwise, a 3/8 to 1/2 adapter is required.



RAM - 90NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
3 units	15 + 15 + 15	1.50 + 1.50 + 1.50	4.50 (2.70 - 5.00)	1250 (510 - 1500)	3.60	2.00 + 2.00 + 2.00	6.00 (2.90 - 6.50)	1540 (520 - 1848)	3.90
	15 + 15 + 18	1.50 + 1.50 + 1.80	4.80 (2.70 - 5.30)	1350 (510 - 1620)	3.56	2.00 + 2.00 + 2.50	6.50 (2.90 - 7.00)	1800 (520 - 2160)	3.61
	15 + 15 + 25	1.50 + 1.50 + 2.50	5.50 (2.70 - 6.00)	1490 (510 - 1788)	3.69	2.00 + 2.00 + 3.40	7.40 (2.90 - 7.90)	2010 (520 - 2412)	3.68
	15 + 15 + 35	1.50 + 1.50 + 3.50	6.50 (2.70 - 7.00)	2100 (510 - 2678)	3.10	2.00 + 2.00 + 4.30	8.30 (2.90 - 8.80)	2420 (520 - 2904)	3.43
	15 + 15 + 42	1.50 + 1.50 + 4.20	7.20 (2.70 - 8.50)	2150 (510 - 2676)	3.35	2.00 + 2.00 + 5.20	9.20 (2.90 - 11.00)	2180 (520 - 1848)	4.22
	15 + 15 + 50	1.50 + 1.50 + 5.00	8.00 (2.70 - 8.50)	2230 (510 - 2676)	3.59	1.90 + 1.90 + 6.19	10.00 (2.90 - 11.00)	2730 (520 - 1848)	3.66
	15 + 15 + 60	1.50 + 1.50 + 6.00	9.00 (2.70 - 8.50)	2230 (510 - 2676)	4.04	1.74 + 1.74 + 6.52	10.00 (2.90 - 11.50)	2730 (520 - 1848)	3.66
	15 + 18 + 18	1.50 + 1.80 + 1.80	5.10 (2.70 - 5.60)	1350 (510 - 1620)	3.78	2.00 + 2.50 + 2.50	7.00 (2.90 - 7.50)	1880 (520 - 2280)	3.72
	15 + 18+ 25	1.50 + 1.80+ 2.50	5.80 (2.70 - 6.30)	1350 (510 - 1620)	4.30	2.00 + 2.50+ 3.40	7.90 (2.90 - 8.40)	2130 (520 - 2616)	3.71
	15 + 18+ 35	1.50 + 1.80+ 3.50	6.80 (2.70 - 7.30)	1850 (510 - 2844)	3.68	2.00 + 2.50+ 4.30	8.80 (2.90 - 9.30)	2350 (520 - 1848)	3.74
	15 + 18+ 42	1.50 + 1.80+ 4.20	7.50 (2.40 - 7.00)	1950 (510 - 2844)	3.85	2.00 + 2.50+ 5.20	9.70 (2.90 - 11.00)	2350 (520 - 3360)	4.13
	15 + 18+ 50	1.50 + 1.80+ 5.00	8.30 (2.70 - 8.80)	2230 (510 - 2844)	3.72	1.82 + 2.27+ 5.91	10.00 (2.90 - 11.50)	2850 (520 - 3360)	3.51
	15 + 18+ 60	1.50 + 1.80+ 6.00	9.30 (2.70 - 8.80)	2230 (510 - 2844)	4.17	1.67 + 2.08+ 6.25	10.00 (2.90 - 11.50)	2850 (520 - 3360)	3.51
	15 + 25+ 25	1.50 + 2.50+ 2.50	6.50 (2.70 - 7.00)	1800 (510 - 2520)	3.61	2.00 + 3.40+ 3.40	8.80 (2.90 - 9.30)	2350 (520 - 1848)	3.74
	15 + 25 + 35	1.50 + 2.50 + 3.50	7.50 (2.40 - 7.00)	2100 (510 - 3096)	3.57	2.00 + 3.40 + 4.30	9.70 (2.90 - 10.20)	2620 (520 - 1848)	3.70
	15 + 25 + 42	1.50 + 2.50 + 4.20	8.20 (2.70 - 9.50)	2200 (510 - 3360)	3.73	1.89 + 3.21 + 4.91	10.00 (2.70 - 11.00)	2620 (520 - 1848)	3.82
	15 + 25 + 50	1.50 + 2.50 + 5.00	9.00 (2.70 - 9.50)	2680 (510 - 3360)	3.36	1.68 + 2.86 + 5.46	10.00 (2.70 - 11.50)	2890 (520 - 3360)	3.46
	15 + 25 + 60	1.50 + 2.50 + 6.00	10.00 (2.70 - 9.50)	2680 (510 - 3360)	3.73	1.55 + 2.64 + 5.81	10.00 (2.70 - 11.50)	2890 (520 - 3360)	3.46
	15 + 35 + 35	1.50 + 3.50 + 3.50	8.50 (2.70 - 9.00)	2560 (510 - 3360)	3.32	1.89 + 4.06 + 4.06	10.00 (2.90 - 11.10)	2990 (520 - 3360)	3.34
	15 + 35 + 42	1.47 + 3.42 + 4.11	9.00 (2.70 - 9.50)	2560 (510 - 3216)	3.52	1.74 + 3.74 + 4.52	10.00 (2.90 - 11.10)	2990 (520 - 3360)	3.34
	15 + 35 + 50	1.35 + 3.15 + 4.50	9.00 (2.70 - 9.50)	2740 (510 - 3216)	3.28	1.56 + 3.36 + 5.08	10.00 (2.90 - 11.50)	2890 (520 - 3360)	3.46
	15 + 35 + 60	1.23 + 2.86 + 4.91	9.00 (2.70 - 9.50)	2740 (510 - 3216)	3.28	1.45 + 3.12 + 5.43	10.00 (2.90 - 11.50)	2890 (520 - 3360)	3.46
	15 + 42 + 42	1.36 + 3.82 + 3.82	9.00 (2.70 - 9.50)	2560 (510 - 3216)	3.52	1.61 + 4.19 + 4.19	10.00 (2.90 - 11.10)	2990 (520 - 3360)	3.34
	15 + 42 + 50	1.26 + 3.53 + 4.21	9.00 (2.70 - 9.50)	2740 (510 - 3216)	3.28	1.46 + 3.80 + 4.74	10.00 (2.90 - 11.50)	2890 (520 - 3360)	3.46
	15 + 42 + 60	1.15 + 3.23 + 4.62	9.00 (2.70 - 9.50)	2740 (510 - 3216)	3.28	1.36 + 3.54 + 5.10	10.00 (2.90 - 11.50)	2890 (520 - 3360)	3.46
	15 + 50 + 50	1.17 + 3.91 + 3.91	9.00 (2.70 - 9.50)	2740 (510 - 3216)	3.28	1.33 + 4.33 + 4.33	10.00 (2.90 - 11.50)	2890 (520 - 3360)	3.46
	15 + 50 + 60	1.08 + 3.60 + 4.32	9.00 (2.70 - 9.50)	2740 (510 - 3216)	3.28	1.25 + 4.06 + 4.69	10.00 (2.90 - 11.50)	2890 (520 - 3360)	3.46
	15 + 60 + 60	1.00 + 4.00 + 4.00	9.00 (2.70 - 9.50)	2740 (510 - 3288)	3.28	1.18 + 4.41 + 4.41	10.00 (2.90 - 11.50)	2890 (520 - 3360)	3.46
	18 + 18 + 18	1.80 + 1.80 + 1.80	5.40 (2.70 - 5.90)	1480 (510 - 1780)	3.65	2.50 + 2.50 + 2.50	7.50 (2.90 - 9.10)	2020 (520 - 2440)	3.71
	18 + 18 + 25	1.80 + 1.80 + 2.50	6.10 (2.70 - 6.70)	1780 (510 - 2150)	3.43	2.50 + 2.50 + 3.40	8.40 (2.90 - 9.50)	2210 (520 - 2620)	3.80
	18 + 18+ 35	1.80 + 1.80+ 3.50	7.10 (2.70 - 7.80)	1910 (510 - 2310)	3.72	2.50 + 2.50+ 4.29	10.00 (2.90 - 10.20)	2370 (520 - 2740)	3.92
	18 + 18+ 42	1.80 + 1.80+ 4.20	7.80 (2.70 - 7.80)	1910 (510 - 3260)	4.08	2.45 + 2.45+ 5.09	10.00 (2.90 - 10.20)	2370 (520 - 3060)	4.22
	18 + 18+ 50	1.78 + 1.78+ 4.94	8.50 (2.70 - 9.50)	2650 (510 - 3260)	3.21	2.17 + 2.17+ 5.64	10.00 (2.90 - 11.30)	2730 (520 - 3060)	3.66
	18 + 18+ 60	1.59 + 1.59+ 5.31	8.50 (2.70 - 9.90)	2650 (510 - 3270)	3.21	2.00 + 2.00+ 5.99	10.00 (2.90 - 11.60)	2730 (520 - 3060)	3.66
	18 + 25+ 25	1.80 + 2.50+ 2.50	6.80 (2.70 - 7.50)	1860 (510 - 2260)	3.66	2.49 + 3.41+ 3.41	9.30 (2.90 - 10.00)	2370 (520 - 2760)	3.92
	18 + 25+ 35	1.80 + 2.50+ 3.50	7.80 (2.70 - 8.60)	2190 (510 - 2660)	3.56	2.45 + 3.33+ 4.22	10.00 (2.90 - 10.70)	2530 (520 - 2880)	3.95
	18 + 25+ 42	1.80 + 2.50+ 4.20	8.50 (2.70 - 8.60)	2190 (510 - 3270)	3.88	2.25 + 3.06+ 4.68	10.00 (2.90 - 11.00)	2530 (520 - 3220)	3.95
	18 + 25+ 50	1.66 + 2.26+ 4.58	8.50 (2.70 - 9.90)	2550 (510 - 3270)	3.33	2.02 + 2.74+ 5.24	10.00 (2.90 - 11.60)	2890 (520 - 3220)	3.46
	18 + 25+ 60	1.50 + 2.04+ 4.96	8.50 (2.70 - 9.90)	2550 (510 - 3320)	3.33	1.87 + 2.54+ 5.60	10.00 (2.90 - 11.60)	2890 (520 - 3220)	3.46
	18 + 35+ 35	1.74 + 3.38+ 3.38	8.50 (2.70 - 9.70)	2600 (510 - 3260)	3.27	2.25 + 3.87+ 3.87	10.00 (2.90 - 11.60)	2750 (520 - 3060)	3.64
	18 + 35+ 42	1.61 + 3.13+ 3.76	8.50 (2.70 - 9.70)	2600 (510 - 3320)	3.27	2.08 + 3.58+ 4.33	10.00 (2.90 - 11.60)	2750 (520 - 3330)	3.64
	18 + 35+ 50	1.47 + 2.88+ 4.16	8.50 (2.70 - 9.90)	2590 (510 - 3320)	3.28	1.88 + 3.23+ 4.90	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	18 + 35+ 60	1.33 + 2.62+ 4.54	8.50 (2.70 - 9.90)	2590 (510 - 3320)	3.28	1.75 + 3.01+ 5.25	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	18 + 42+ 42	1.50 + 3.50+ 3.50	8.50 (2.70 - 9.90)	2600 (510 - 3320)	3.27	2.25 + 3.87+ 3.87	10.00 (2.90 - 11.60)	2750 (520 - 3330)	3.64
	18 + 42+ 50	1.37 + 3.24+ 3.89	8.50 (2.70 - 9.90)	2590 (510 - 3320)	3.28	2.08 + 3.58+ 4.34	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	18 + 42+ 60	1.26 + 2.97+ 4.28	8.50 (2.70 - 9.90)	2590 (510 - 3320)	3.28	1.88 + 3.23+ 4.9	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	18 + 50+ 50	1.31 + 3.60+ 3.60	8.50 (2.70 - 9.90)	2590 (510 - 3320)	3.28	1.52 + 3.94+ 4.55	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	18 + 50+ 60	1.21 + 3.32+ 3.98	8.50 (2.70 - 9.90)	2590 (510 - 3280)	3.28	1.94 + 4.03+ 4.03	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	18 + 60+ 60	1.12 + 3.70+ 3.70	8.50 (2.70 - 9.90)	2590 (510 - 3320)	3.28	1.76 + 3.66+ 4.58	10.00 (2.90 - 12.10)	2990 (520 - 3330)	3.34
	25 + 25+ 25	2.50 + 2.50+ 2.50	7.50 (2.40 - 7.00)	2120 (510 - 2580)	3.54	3.33 + 3.33+ 3.33	10.00 (2.90 - 10.40)	2540 (520 - 2920)	3.94
	25 + 25+ 35	2.50 + 2.50+ 3.50	8.50 (2.70 - 9.40)	2560 (510 - 3110)	3.32	3.06 + 3.06+ 3.87	10.00 (2.90 - 11.20)	2730 (520 - 3070)	3.66
	25 + 25+ 42	2.31 + 2.31+ 3.88	8.50 (2.70 - 9.40)	2560 (510 - 3360)	3.32	2.83 + 2.83+ 4.33	10.00 (2.90 - 11.60)	2730 (520 - 3330)	3.66
	25 + 25+ 50	2.13 + 2.13+ 4.25	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.56 + 2.56+ 4.89	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	25 + 25+ 60	1.93 + 1.93+ 4.64	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.38 + 2.38+ 5.24	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	25 + 35+ 35	2.23 + 3.13+ 3.13	8.50 (2.70 - 9.90)	2600 (510 - 3330)	3.27	2.83 + 3.58+ 3.58	10.00 (2.90 - 11.60)	2890 (520 - 3220)	3.46
	25 + 35+ 42	2.07 + 2.92+ 3.50	8.50 (2.70 - 9.90)	2600 (510 - 3350)	3.27	2.64 + 3.33+ 4.03	10.00 (2.90 - 11.60)	2890 (520 - 3330)	3.46
	25 + 35+ 50	1.93 + 2.69+ 3.87	8.50 (2.70 - 9.90)	2620 (510 - 3350)	3.24	2.39 + 3.02+ 4.59	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	25 + 35+ 60	1.77 + 2.47+ 4.26	8.50 (2.70 - 9.90)	2620 (510 - 3350)	3.24	2.24 + 2.82+ 4.94	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	25 + 42+ 42	1.94 + 3.28+ 3.28	8.50 (2.70 - 9.90)	2600 (510 - 3360)	3.27	2.83 + 3.58+ 3.58	10.00 (2.90 - 11.70)	2890 (520 - 3330)	3.46
	25 + 42+ 50	1.82 + 3.04+ 3.64	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.64 + 3.32+ 4.04	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	25 + 42 + 60	1.67 + 2.80 + 4.03	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.39 + 3.02 + 4.59	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	25 + 50 + 50	1.70 + 3.40 + 3.40	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	1.95 + 3.74 + 4.31	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	25 + 50 + 60	1.57 + 3.15 + 3.78	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.46 + 3.77 + 3.77	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	25 + 60 + 60	1.47 + 3.52 + 3.52	8.50 (2.70 - 9.90)	2620 (510 - 3350)	3.24	2.25 + 3.44 + 4.3	10.00 (2.90 - 12.10)	2990 (520 - 3330)	3.34
	35 + 35 + 35	2.83 + 2.83 + 2.83	8.50 (2.70 - 9.90)	2600 (510 - 3320)	3.27	3.33 + 3.33 + 3.33	10.00 (2.90 - 11.60)	2990 (520 - 3330)	3.34
	35 + 35 + 42	2.66 + 2.66 + 3.19	8.50 (2.70 - 9.90)	2600 (510 - 3360)	3.27	3.12 + 3.12 + 3.77	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	35 + 35 + 50	2.50 + 2.50 + 3.49	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.85 + 2.87 + 4.25	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	35 + 35 + 60	2.31 + 2.31 + 3.87	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.67 + 2.69 + 4.61	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	35 + 42 + 42	2.50 + 3.00 + 3.00	8.50 (2.70 - 9.90)	2600 (510 - 3360)	3.27	2.93 + 3.54 + 3.54	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	35 + 42 + 50	2.36 + 2.83 + 3.30	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.69 + 3.27 + 4.01	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	35 + 42 + 60	2.19 + 2.63 + 3.67	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.53 + 3.08 + 4.36	10.00 (2.90 - 11.70)	2990 (520 - 3330)	3.34
	35 + 50 + 50	2.17 + 3.17 + 3.17	8.50 (2.70 - 9.90)	2620 (510 - 3360)	3.24	2.49 + 3.78 + 3.78	10.00 (2.90 - 12.10)	2990 (520 - 3330)	3.34
	35 + 50 + 60	2.02 + 2.95 + 3.54	8.50 (2.70 - 9.90)	2620 (510 - 3450)	3.24	2.35 + 3.57 + 4.12	10.00 (2.90 - 12.10)	2990 (520 - 3330)	3.34
	35 + 60 + 60	1.89 + 3.31 + 3.31	8.50 (2.70 - 9.90)	2620 (510 - 3450)	3.24	2.23 + 3.91 + 3.91	10.00 (2.90 - 12.10)	2990 (520 - 3330)	3.34
	42 + 42+ 42	2.80 + 2.85+ 2.85	8.50 (2.70 - 9.90)	2620 (510 - 3450)	3.24	3.33 + 3.35+ 3.35	10.00 (2.90 - 12.10)	2990 (520 - 3180)	3.34
	42 + 42+ 50	2.63 + 2.68+ 3.19	8.50 (2.70 - 9.90)	2620 (510 - 3450)	3.24	3.08 + 3.10+ 3.87	10.00 (2.90 - 12.10)	2990 (520 - 3180)	3.34
	42 + 42+ 60	2.45 + 2.50+ 3.56	8.50 (2.70 - 9.90)	2620 (510 - 3450)	3.24	2.91 + 2.93+ 4.21	10.00 (2.90 - 12.10)	2990 (520 - 3180)	3.34
	50 + 50+ 50	2.83 + 2.83+ 2.83	8.50 (2.70 - 9.90)	2690 (510 - 3450)	3.16	3.33 + 3.33+ 3.33	10.00 (2.90 - 12.10)	2890 (520 - 3180)	3.46

** RAM - 90NP5E+ RAK - 25RPE + RAK - 25RPE + RAK - 35RPE.

Indoor unit combinations

Standard multi-splits

RAM - 90NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
	15 + 15 + 15 + 15	1.50 + 1.50 + 1.50 + 1.50	6.00 (2.90 - 6.50)	1580 (550 - 1620)	3.80	2.00 + 2.00 + 2.00 + 2.00	8.00 (3.00 - 8.50)	2000 (540 - 2652)	4.00
	15 + 15 + 15 + 18	1.50 + 1.50 + 1.50 + 1.80	6.30 (2.90 - 6.50)	1630 (550 - 1776)	3.87	2.00 + 2.00 + 2.00 + 2.50	8.50 (3.00 - 9.00)	2200 (540 - 2760)	3.86
	15 + 15 + 15 + 25	1.50 + 1.50 + 1.50 + 2.50	7.00 (2.90 - 7.50)	1780 (550 - 2136)	3.93	2.00 + 2.00 + 2.00 + 3.40	9.40 (3.00 - 9.90)	2390 (540 - 3036)	3.93
	15 + 15 + 15 + 35	1.50 + 1.50 + 1.50 + 3.50	8.00 (2.90 - 8.50)	2500 (550 - 3180)	3.20	1.94 + 1.94 + 1.94 + 4.17	10.00 (3.00 - 10.8)	2550 (540 - 3468)	3.92
	15 + 15 + 15 + 42	1.47 + 1.47 + 1.47 + 4.10	8.50 (2.90 - 8.50)	2600 (550 - 3180)	3.27	1.79 + 1.79 + 1.79 + 4.64	10.00 (3.00 - 11.50)	2550 (540 - 3360)	3.92
	15 + 15 + 15 + 50	1.34 + 1.34 + 1.34 + 4.47	8.50 (2.90 - 8.50)	2650 (550 - 3180)	3.21	1.60 + 1.60 + 1.60 + 5.20	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 15 + 60	1.21 + 1.21 + 1.21 + 4.86	8.50 (2.90 - 8.50)	2650 (550 - 3180)	3.21	1.48 + 1.48 + 1.48 + 5.56	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 18 + 18	1.50 + 1.50 + 1.80 + 1.80	6.60 (2.90 - 7.10)	1750 (550 - 2100)	3.77	2.00 + 2.00 + 2.50 + 2.50	9.00 (3.00 - 9.50)	2380 (540 - 3048)	3.78
	15 + 15 + 18 + 25	1.50 + 1.50 + 1.80 + 2.50	7.30 (2.90 - 7.80)	1850 (550 - 2220	3.95	2.00 + 2.00 + 2.50 + 3.40	9.90 (3.00 - 10.40)	2530 (540 - 3144)	3.91
	15 + 15 + 18 + 35	1.50 + 1.50 + 1.80 + 3.50	8.30 (2.90 - 8.80)	2180 (550 - 2616)	3.81	1.85 + 1.85 + 2.31 + 3.98	10.00 (3.00 - 11.30)	2480 (540 - 3468)	4.03
	15 + 15 + 18 + 42	1.42 + 1.42 + 1.70 + 3.97	8.50 (2.90 - 8.50)	2350 (550 - 3120)	3.62	1.71 + 1.71 + 2.14 + 4.44	10.00 (3.00 - 11.30)	2480 (540 - 3360)	4.03
	15 + 15 + 18 + 50	1.30 + 1.30 + 1.56 + 4.34	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.54 + 1.54 + 1.92 + 5.00	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 18 + 60	1.18 + 1.18 + 1.42 + 4.72	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.43 + 1.43 + 1.79 + 5.36	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 25 + 25	1.50 + 1.50 + 2.50 + 2.50	8.00 (2.90 - 8.50)	2150 (550 - 2580)	3.72	1.85 + 1.85 + 3.15 + 3.15	10.00 (3.00 - 11.30)	2480 (540 - 3420)	4.03
	15 + 15 + 25 + 35	1.42 + 1.42 + 2.36 + 3.31	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.71 + 1.71 + 2.91 + 3.68	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 25 + 42	1.31 + 1.31 + 2.19 + 3.68	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.59 + 1.59 + 2.70 + 4.13	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 25 + 50	1.21 + 1.21 + 2.02 + 4.05	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.44 + 1.44 + 2.45 + 4.68	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 25 + 60	1.11 + 1.11 + 1.85 + 4.43	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.34 + 1.34 + 2.28 + 5.03	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 35 + 35	1.28 + 1.28 + 2.98 + 2.98	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.59 + 1.59 + 3.41 + 3.41	10.00 (3.00 - 11.30)	2890 (540 - 3480)	3.46
	15 + 15 + 35 + 42	1.19 + 1.19 + 2.78 + 3.34	8.50 (2.90 - 8.50)	2600 (550 - 3210)	3.27	1.48 + 1.48 + 3.19 + 3.85	10.00 (3.00 - 11.30)	2890 (540 - 3360)	3.46
	15 + 15 + 35 + 50	1.11 + 1.11 + 2.59 + 3.70	8.50 (2.90 - 8.50)	2600 (550 - 3210)	3.27	1.35 + 1.35 + 2.91 + 4.39	10.00 (3.00 - 11.30)	2890 (540 - 3360)	3.46
	15 + 15 + 35 + 60	1.02 + 1.02 + 2.38 + 4.08	8.50 (2.90 - 8.50)	2600 (550 - 3210)	3.27	1.27 + 1.27 + 2.72 + 4.75	10.00 (3.00 - 11.30)	2890 (540 - 3360)	3.46
	15 + 15 + 42 + 42	1.12 + 1.12 + 3.13 + 3.13	8.50 (2.90 - 8.50)	2600 (550 - 3120)	3.27	1.59 + 1.59 + 3.41 + 3.41	10.00 (3.00 - 11.30)	2890 (540 - 3360)	3.46
	15 + 15 + 42 + 50	1.05 + 1.05 + 2.93 + 3.48	8.50 (2.90 - 8.50)	2600 (550 - 3210)	3.27	1.48 + 1.48 + 3.19 + 3.85	10.00 (3.00 - 11.30)	2890 (540 - 3360)	3.46
	15 + 15 + 42 + 60	0.97 + 0.97 + 2.70 + 3.86	8.50 (2.90 - 8.50)	2600 (550 - 3210)	3.27	1.35 + 1.35 + 2.91 + 4.39	10.00 (3.00 - 11.30)	2890 (540 - 3360)	3.46
	15 + 15 + 50 + 50	0.98 + 0.98 + 3.27 + 3.27	8.50 (2.50 - 8.50)	2600 (550 - 3210)	3.27	1.39 + 1.39 + 3.61 + 3.61	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 15 + 50 + 60	0.91 + 0.91 + 3.04 + 3.64	8.50 (2.50 - 8.50)	2600 (550 - 3210)	3.27	1.27 + 1.27 + 3.31 + 4.14	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 18 + 18	1.50 + 1.80 + 1.80 + 1.80	6.90 (2.50 - 7.40)	2140 (550 - 2244)	3.22	2.00 + 2.50 + 2.50 + 2.50	9.50 (3.00 - 10.00)	2750 (540 - 3144)	3.45
	15 + 18 + 18 + 25	1.50 + 1.80 + 1.80 + 2.50	7.60 (2.50 - 8.10)	2140 (550 - 2568)	3.55	1.92 + 2.40 + 2.40 + 3.27	10.00 (3.00 - 10.90)	2750 (540 - 3468)	3.64
	15 + 18 + 18 + 35	1.48 + 1.78 + 1.78 + 3.46	8.50 (2.50 - 8.50)	2140 (550 - 3060)	3.97	1.77 + 2.21 + 2.21 + 3.81	10.00 (3.00 - 11.50)	2750 (540 - 3360)	3.64
	15 + 18 + 18 + 42	1,37 + 1,65 + 1,65 + 3,84	8.50 (2.50 - 8.50)	2550 (550 - 3120)	3.33	1,64 + 2,05 + 2,05 + 4,26	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 18 + 50	1.26 + 1.51 + 1.51 + 4.21	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.48 + 1.85 + 1.85 + 4.81	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 18 + 60	1.15 + 1.38 + 1.38 + 4.59	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.38 + 1.72 + 1.72 + 5.17	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 25 + 25	1.50 + 1.80 + 2.50 + 2.50	8.30 (2.50 - 8.30)	2740 (550 - 3288)	3.03	1.77 + 2.21 + 3.01 + 3.01	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
4 units	15 + 18 + 25 + 35	1.37 + 1.65 + 2.28 + 3.20	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.64 + 2.05 + 2.79 + 3.52	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 25 + 42	1.28 + 1.53 + 2.13 + 3.57	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.53 + 1.91 + 2.60 + 3.97	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 25 + 50	1.18 + 1.42 + 1.97 + 3.94	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.39 + 1.74 + 2.36 + 4.51	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 25 + 60	1.08 + 1.30 + 1.80 + 4.32	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.30 + 1.62 + 2.21 + 4.87	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 35 + 35	1.24 + 1.49 + 2.89 + 2.89	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.53 + 1.91 + 3.28 + 3.28	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 35 + 42	1.16 + 1.39 + 2.70 + 3.25	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.43 + 1.79 + 3.07 + 3.71	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 35 + 50	1.08 + 1.30 + 2.52 + 3.60	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.31 + 1.63 + 2.81 + 4.25	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 18 + 35 + 60	1.00 + 1.20 + 2.32 + 3.98	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.23 + 1.53 + 2.64 + 4.60	10.00 (3.00 - 11.30)	2890 (540 - 3360)	3.46
	15 + 18 + 42 + 42	1.09 + 1.31 + 3.05 + 3.05	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.53 + 1.91 + 3.28 + 3.28	10.00 (3.00 - 10.50)	2800 (540 - 3360)	3.57
	15 + 18 + 42 + 50	1.02 + 1.22 + 2.86 + 3.40	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.43 + 1.79 + 3.07 + 3.71	10.00 (3.00 - 10.50)	2800 (540 - 3360)	3.57
	15 + 18 + 42 + 60	0.94 + 1.13 + 2.64 + 3.78	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.31 + 1.63 + 2.81 + 4.25	10.00 (3.00 - 10.50)	2800 (540 - 3360)	3.57
	15 + 18 + 50 + 50	0.96 + 1.15 + 3.20 + 3.20	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.34 + 1.68 + 3.49 + 3.49	10.00 (3.00 - 10.50)	2800 (540 - 3360)	3.57
	15 + 18 + 50 + 60	0.89 + 1.07 + 2.97 + 3.57	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.23 + 1.54 + 3.21 + 4.01	10.00 (3.00 - 10.50)	2800 (540 - 3360)	3.57
	15 + 18 + 60 + 60	0.83 + 1.00 + 3.33 + 3.33	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.14 + 1.43 + 3.71 + 3.71	10.00 (3.00 - 10.50)	2800 (540 - 3360)	3.57
	15 + 25 + 25 + 25	1.42 + 2.36 + 2.36 + 2.36	8.50 (2.50 - 8.50)	2600 (550 - 3132)	3.27	1.64 + 2.79 + 2.79 + 2.79	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 25 + 35	1.28 + 2.13 + 2.13 + 2.98	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.53 + 2.60 + 2.60 + 3.28	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 25 + 42	1.19 + 1.99 + 1.99 + 3.34	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.43 + 2.43 + 2.43 + 3.71	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 25 + 50	1.11 + 1.85 + 1.85 + 3.70	8.50[2]	2600 (550 - 3120)	3.27	1.31 + 2.22 + 2.22 + 4.25	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 25 + 60	1.02 + 1.70 + 1.70 + 4.08	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.23 + 2.09 + 2.09 + 4.60	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 35 + 35	1.16 + 1.93 + 2.70 + 2.70	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.43 + 2.43 + 3.07 + 3.07	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 35 + 42	1.09 + 1.82 + 2.54 + 3.05	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.34 + 2.28 + 2.89 + 3.49	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 35 + 50	1.02 + 1.70 + 2.38 + 3.40	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.23 + 2.10 + 2.65 + 4.01	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 35 + 60	0.94 + 1.57 + 2.20 + 3.78	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.16 + 1.98 + 2.50 + 4.36	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 42 + 42	1.03 + 1.71 + 2.88 + 2.88	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.27 + 2.15 + 3.29 + 3.29	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 42 + 50	0.97 + 1.61 + 2.70 + 3.22	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.17 + 1.99 + 3.04 + 3.80	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 42 + 60	0.90 + 1.50 + 2.51 + 3.59	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.10 + 1.88 + 2.87 + 4.14	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 50 + 50	0.91 + 1.52 + 3.04 + 3.04	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.09 + 1.85 + 3.53 + 3.53	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 25 + 50 + 60	0.85 + 1.42 + 2.83 + 3.40	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.03 + 1.75 + 3.35 + 3.87	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 35 + 35 + 35	1.06 + 2.48 + 2.48 + 2.48	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.34 + 2.89 + 2.89 + 2.89	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 35 + 35 + 42	1.00 + 2.34 + 2.34 + 2.81	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.27 + 2.72 + 2.72 + 3.29	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 35 + 35 + 50	0.94 + 2.20 + 2.20 + 3.15	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.17 + 2.51 + 2.51 + 3.80	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 35 + 35 + 60	0.88 + 2.05 + 2.05 + 3.52	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.10 + 2.38 + 2.38 + 4.14	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 35 + 42 + 42	0.95 + 2.22 + 2.66 + 2.66	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.20 + 2.57 + 3.11 + 3.11	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 35 + 42 + 50	0.90 + 2.10 + 2.51 + 2.99	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.11 + 2.39 + 2.89 + 3.61	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 35 + 42 + 60	0.84 + 1.96 + 2.35 + 3.36	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.05 + 2.26 + 2.74 + 3.95	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46

[2] Données à venir
** RAM - 90NP5E+ RAK - 25RPE + RAK - 25RPE + RAK - 35RPE.

RAM - 90NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
4 units	15 + 35 + 50 + 50	0.85 + 1.98 + 2.83 + 2.83	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.04 + 2.23 + 3.37 + 3.37	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 42 + 42 + 42	0.90 + 2.53 + 2.53 + 2.53	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.14 + 2.95 + 2.95 + 2.95	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	15 + 42 + 42 + 50	0.86 + 2.40 + 2.40 + 2.85	8.50 (2.50 - 8.50)	2600 (550 - 3120)	3.27	1.06 + 2.75 + 2.75 + 3.44	10.00 (3.00 - 11.50)	2890 (540 - 3360)	3.46
	18 + 18 + 18 + 18	1.80 + 1.80 + 1.80 + 1.80	7.20 (2.90 - 7.90)	2330 (550 - 2292)	3.09	2.50 + 2.50 + 2.50 + 2.50	10.00 (3.00 - 10.90)	2400 (540 - 2720)	4.17
	18 + 18 + 18 + 25	1.80 + 1.80 + 1.80 + 2.50	7.90 (2.90 - 8.70)	2380 (550 - 3120)	3.32	2.29 + 2.29 + 2.29 + 3.12	10.00 (3.00 - 11.10)	2700 (540 - 3050)	3.70
	18 + 18 + 18 + 35	1.72 + 1.72 + 1.72 + 3.34	8.50 (2.90 - 9.80)	2630 (550 - 3120)	3.23	2.12 + 2.12 + 2.12 + 3.64	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 18 + 42	1.59 + 1.59 + 1.59 + 3.72	8.50 (2.90 - 9.80)	2640 (550 - 3260)	3.22	1.97 + 1.97 + 1.97 + 4.09	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 18 + 50	1.46 + 1.46 + 1.46 + 4.11	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.79 + 1.78 + 1.78 + 4.66	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 18 + 60	1.33 + 1.33 + 1.33 + 4.49	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.67 + 1.66 + 1.66 + 5.02	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 25 + 25	1.78 + 1.78 + 2.47 + 2.47	8.50 (2.90 - 9.50)	2690 (550 - 3040)	3.16	2.12 + 2.12 + 2.88 + 2.88	10.00 (3.00 - 11.20)	2700 (540 - 3020)	3.70
	18 + 18 + 25 + 35	1.59 + 1.59 + 2.21 + 3.10	8.50 (2.90 - 9.9)	2390 (550 - 3260)	3.56	1.97 + 1.97 + 2.68 + 3.39	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 25 + 42	1.49 + 1.49 + 2.06 + 3.47	8.50 (2.90 - 9.9)	2390 (550 - 3260)	3.56	1.84 + 1.84 + 2.50 + 3.82	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 25 + 50	1.37 + 1.37 + 1.90 + 3.88	8.50 (2.90 - 9.9)	2390 (550 - 3260)	3.56	1.68 + 1.67 + 2.27 + 4.41	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 25 + 60	1.25 + 1.25 + 1.75 + 4.26	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.57 + 1.56 + 2.13 + 4.77	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 35 + 35	1.44 + 1.44 + 2.81 + 2.81	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.84 + 1.84 + 3.16 + 3.16	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 35 + 42	1.35 + 1.35 + 2.63 + 3.16	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.72 + 1.72 + 2.97 + 3.59	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 35 + 50	1.27 + 1.27 + 2.46 + 3.49	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.58 + 1.59 + 2.72 + 4.09	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 18 + 35 + 60	1.18 + 1.18 + 2.27 + 3.87	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.49 + 1.50 + 2.56 + 4.44	10.00 (3.00 - 11.60)	2700 (540 - 3020)	3.70
	18 + 18 + 42 + 42	1.28 + 1.28 + 2.98 + 2.98	8.50 (2.90 - 9.90)	2390 (550 - 3230)	3.56	1.62 + 1.62 + 3.38 + 3.38	10.00 (3.00 - 11.60)	2700 (540 - 3020)	3.70
	18 + 18 + 42 + 50	1.21 + 1.21 + 2.79 + 3.30	8.50 (2.90 - 9.90)	2390 (550 - 3230)	3.56	1.50 + 1.51 + 3.11 + 3.87	10.00 (3.00 - 11.60)	2700 (540 - 3020)	3.70
	18 + 18 + 42 + 60	1.12 + 1.12 + 2.59 + 3.68	8.50 (2.90 - 9.90)	2390 (550 - 3230)	3.56	1.41 + 1.42 + 2.94 + 4.22	10.00 (3.00 - 11.60)	2700 (540 - 3020)	3.70
	18 + 18 + 50 + 50	1.14 + 1.14 + 3.12 + 3.12	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.39 + 1.40 + 3.60 + 3.60	10.00 (3.00 - 11.60)	2700 (540 - 3020)	3.70
	18 + 18 + 50 + 60	1.06 + 1.06 + 2.90 + 3.48	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.32 + 1.33 + 3.41 + 3.94	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 25 + 25	1.68 + 2.28 + 2.28 + 2.28	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.97 + 2.70 + 2.70 + 2.62	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 25 + 35	1.52 + 2.08 + 2.08 + 2.83	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.84 + 2.52 + 2.52 + 3.10	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 25 + 42	1.42 + 1.92 + 1.92 + 3.24	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.72 + 2.33 + 2.33 + 3.58	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 25 + 50	1.33 + 1.79 + 1.79 + 3.59	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.58 + 2.14 + 2.14 + 4.10	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 25 + 60	1.23 + 1.65 + 1.65 + 3.97	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.49 + 2.01 + 2.01 + 4.45	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 35 + 35	1.32 + 1.89 + 2.64 + 2.64	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.72 + 2.35 + 2.98 + 2.98	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 35 + 42	1.25 + 1.78 + 2.49 + 2.99	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.62 + 2.22 + 2.80 + 3.39	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 35 + 50	1.23 + 1.65 + 2.31 + 3.30	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.50 + 2.03 + 2.56 + 3.87	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 35 + 60	1.14 + 1.53 + 2.15 + 3.68	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.41 + 1.91 + 2.42 + 4.22	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	18 + 25 + 42 + 42	1.22 + 1.65 + 2.81 + 2.81	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.53 + 2.07 + 3.19 + 3.19	10.00 (3.00 - 11.40)	2630 (540 - 2890)	3.80
	18 + 25 + 42 + 50	1.15 + 1.55 + 2.64 + 3.15	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.42 + 1.91 + 2.95 + 3.69	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 25 + 42 + 60	1.08 + 1.45 + 2.46 + 3.52	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.34 + 1.81 + 2.80 + 4.03	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 25 + 50 + 50	1.09 + 1.47 + 2.97 + 2.97	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.32 + 1.78 + 3.44 + 3.44	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 25 + 50 + 60	1.02 + 1.37 + 2.78 + 3.33	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.26 + 1.69 + 3.27 + 3.77	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 35 + 35 + 35	1.21 + 2.43 + 2.43 + 2.43	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.62 + 2.80 + 2.80 + 2.80	10.00 (3.00 - 12.10)	2700 (540 - 3020)	3.70
	18 + 35 + 35 + 42	1.15 + 2.30 + 2.30 + 2.76	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.53 + 2.65 + 2.65 + 3.20	10.00 (3.00 - 12.10)	2700 (540 - 3080)	3.70
	18 + 35 + 35 + 50	1.14 + 2.15 + 2.15 + 3.06	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.42 + 2.43 + 2.43 + 3.67	10.00 (3.00 - 12.10)	2700 (540 - 3080)	3.70
	18 + 35 + 35 + 60	1.06 + 2.00 + 2.00 + 3.43	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.34 + 2.30 + 2.30 + 4.01	10.00 (3.00 - 12.10)	2700 (540 - 3080)	3.70
	18 + 35 + 42 + 42	1.14 + 2.15 + 2.61 + 2.61	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.45 + 2.48 + 3.02 + 3.02	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 35 + 42 + 50	1.08 + 2.03 + 2.46 + 2.93	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.35 + 2.30 + 2.81 + 3.51	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 35 + 42 + 60	1.01 + 1.90 + 2.30 + 3.29	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.28 + 2.19 + 2.67 + 3.85	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 35 + 50 + 50	1.02 + 1.92 + 2.78 + 2.78	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.26 + 2.15 + 3.28 + 3.28	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 42 + 42 + 42	1.08 + 2.46 + 2.48 + 2.48	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.38 + 2.85 + 2.87 + 2.87	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	18 + 42 + 42 + 50	1.03 + 2.33 + 2.35 + 2.80	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.21 + 2.49 + 3.14 + 3.14	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	25 + 25 + 25 + 25	2.13 + 2.13 + 2.13 + 2.13	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	2.50 + 2.50 + 2.50 + 2.50	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	25 + 25 + 25 + 35	1.93 + 1.93 + 1.93 + 2.69	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	2.34 + 2.34 + 2.34 + 2.96	10.00 (3.00 - 11.40)	2700 (540 - 3010)	3.70
	25 + 25 + 25 + 42	1.82 + 1.82 + 1.82 + 3.04	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	2.21 + 2.21 + 2.21 + 3.37	10.00 (3.00 - 11.40)	2700 (540 - 3010)	3.70
	25 + 25 + 25 + 50	1.70 + 1.70 + 1.70 + 3.40	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	2.04 + 2.04 + 2.04 + 3.89	10.00 (3.00 - 11.60)	2700 (540 - 3010)	3.70
	25 + 25 + 25 + 60	1.57 + 1.57 + 1.57 + 3.78	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	1.92 + 1.92 + 1.92 + 4.24	10.00 (3.00 - 11.60)	2700 (540 - 3010)	3.70
	25 + 25 + 35 + 35	1.77 + 1.77 + 2.47 + 2.47	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	2.21 + 2.21 + 2.78 + 2.78	10.00 (3.00 - 11.40)	2700 (540 - 3020)	3.70
	25 + 25 + 35 + 42	1.67 + 1.67 + 2.33 + 2.80	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	2.09 + 2.09 + 2.63 + 3.18	10.00 (3.00 - 12.10)	2700 (540 - 3010)	3.70
	25 + 25 + 35 + 50	1.57 + 1.57 + 2.20 + 3.15	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	1.93 + 1.93 + 2.44 + 3.69	10.00 (3.00 - 12.10)	2700 (540 - 3010)	3.70
	25 + 25 + 35 + 60	1.47 + 1.47 + 2.05 + 3.52	8.50 (2.90 - 9.90)	2370 (550 - 3260)	3.59	1.83 + 1.83 + 2.31 + 4.03	10.00 (3.00 - 12.10)	2700 (540 - 3010)	3.70
	25 + 25 + 42 + 42	1.59 + 1.59 + 2.65 + 2.65	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.98 + 1.98 + 3.01 + 3.01	10.00 (3.00 - 12.10)	2700 (540 - 2890)	3.70
	25 + 25 + 42 + 50	1.50 + 1.50 + 2.51 + 2.99	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.93 + 1.93 + 2.44 + 3.69	10.00 (3.00 - 12.10)	2700 (540 - 2890)	3.70
	25 + 25 + 42 + 60	1.40 + 1.40 + 2.35 + 3.36	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.83 + 1.83 + 2.31 + 4.03	10.00 (3.00 - 12.10)	2700 (540 - 2890)	3.70
	25 + 25 + 50 + 50	1.42 + 1.42 + 2.83 + 2.83	8.50 (2.90 - 9.90)	2370 (550 - 3230)	3.59	1.72 + 1.72 + 3.28 + 3.28	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	25 + 35 + 35 + 35	1.64 + 2.29 + 2.29 + 2.29	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	2.09 + 2.64 + 2.64 + 2.64	10.00 (3.00 - 11.60)	2700 (540 - 3010)	3.70
	25 + 35 + 35 + 42	1.56 + 2.17 + 2.17 + 2.61	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.98 + 2.50 + 2.50 + 3.02	10.00 (3.00 - 12.10)	2700 (540 - 2890)	3.70
	25 + 35 + 35 + 50	1.48 + 2.05 + 2.05 + 2.93	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.84 + 2.32 + 2.32 + 3.51	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	25 + 35 + 35 + 60	1.38 + 1.92 + 1.92 + 3.29	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.74 + 2.21 + 2.21 + 3.85	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	25 + 35 + 42 + 42	1.49 + 2.07 + 2.48 + 2.48	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.88 + 2.38 + 2.87 + 2.87	10.00 (3.00 - 12.10)	2700 (540 - 2890)	3.70
	25 + 35 + 42 + 50	1.41 + 1.96 + 2.35 + 2.80	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	1.75 + 2.22 + 2.68 + 3.35	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	35 + 35 + 35 + 35	2.13 + 2.13 + 2.13 + 2.13	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	2.50 + 2.50 + 2.50 + 2.50	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	35 + 35 + 35 + 42	2.02 + 2.02 + 2.02 + 2.43	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	2.38 + 2.38 + 2.38 + 2.87	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80
	35 + 35 + 35 + 50	1.92 + 1.92 + 1.92 + 2.74	8.50 (2.90 - 9.90)	2390 (550 - 3260)	3.56	2.22 + 2.22 + 2.22 + 3.35	10.00 (3.00 - 12.10)	2630 (540 - 2890)	3.80

** RAM - 90NP5E+ RAK - 25RPE + RAK - 25RPE + RAK - 35RPE.

Indoor unit combinations

Standard multi-splits

	RAM - 90NP5E	COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
5 units	15 + 15 + 15 + 15 + 15	1.50 + 1.50 + 1.50 + 1.50 + 1.50	7.50 (2.40 - 7.00)	2200 (550 - 2800)	3.41	2.00 + 2.00 + 2.00 + 2.00 + 2.00	10.00 (3.40 - 10.50)	2350 (610 - 2820)	4.26
	15 + 15 + 15 + 15 + 18	1.50 + 1.50 + 1.50 + 1.50 + 1.80	7.80 (2.70 - 8.60)	2280 (550 - 2800)	3.42	1.90 + 1.90 + 1.90 + 1.90 + 2.38	10.00 (3.40 - 11.00)	2360 (610 - 2832)	4.24
	15 + 15 + 15 + 15 + 25	1.50 + 1.50 + 1.50 + 1.50 + 2.50	8.50 (2.90 - 9.90)	2330 (550 - 2800)	3.65	1.75 + 1.75 + 1.75 + 1.75 + 2.98	10.00 (3.40 - 11.50)	2400 (610 - 2880)	4.17
	15 + 15 + 15 + 15 + 35	1.34 + 1.34 + 1.34 + 1.34 + 3.13	8.50 (2.90 - 9.90)	2590 (550 - 3260)	3.28	1.63 + 1.63 + 1.63 + 1.63 + 3.50	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 15 + 42	1.25 + 1.25 + 1.25 + 1.25 + 3.50	8.50 (2.90 - 9.90)	2590 (550 - 3260)	3.28	1.52 + 1.52 + 1.52 + 1.52 + 3.94	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 15 + 50	1.16 + 1.16 + 1.16 + 1.16 + 3.86	8.50 (2.90 - 9.90)	2590 (550 - 3260)	3.28	1.38 + 1.38 + 1.38 + 1.38 + 4.48	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 15 + 60	1.06 + 1.06 + 1.06 + 1.06 + 4.25	8.50 (2.90 - 9.90)	2590 (550 - 3260)	3.28	1.29 + 1.29 + 1.29 + 1.29 + 4.84	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 18 + 18	1.50 + 1.50 + 1.50 + 1.80 + 1.80	8.10[2]	2150 (550 - 2292)	3.77	1.82 + 1.82 + 1.82 + 2.27 + 2.27	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 18 + 25	1.45 + 1.45 + 1.45 + 1.74 + 2.41	8.50 (2.90 - 9.90)	2200 (550 - 2292)	3.86	1.68 + 1.68 + 1.68 + 2.10 + 2.86	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 18 + 35	1.30 + 1.30 + 1.30 + 1.56 + 3.04	8.50 (2.90 - 9.90)	2620 (550 - 3260)	3.24	1.56 + 1.56 + 1.56 + 1.95 + 3.36	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 18 + 42	1.21 + 1.21 + 1.21 + 1.46 + 3.40	8.50 (2.90 - 9.90)	2620 (550 - 3260)	3.24	1.46 + 1.46 + 1.46 + 1.82 + 3.80	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 18 + 50	1.13 + 1.13 + 1.13 + 1.35 + 3.76	8.50 (2.90 - 9.90)	2620 (550 - 3260)	3.24	1.33 + 1.33 + 1.33 + 1.67 + 4.33	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 18 + 60	1.04 + 1.04 + 1.04 + 1.24 + 4.15	8.50 (2.90 - 9.90)	2680 (550 - 3260)	3.17	1.25 + 1.25 + 1.25 + 1.56 + 4.69	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 25 + 25	1.34 + 1.34 + 1.34 + 2.24 + 2.24	8.50 (2.90 - 9.90)	2480 (550 - 3260)	3.43	1.56 + 1.56 + 1.56 + 2.66 + 2.66	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 25 + 35	1.21 + 1.21 + 1.21 + 2.02 + 2.83	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.46 + 1.46 + 1.46 + 2.48 + 3.14	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 25 + 42	1.14 + 1.14 + 1.14 + 1.90 + 3.19	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.37 + 1.37 + 1.37 + 2.33 + 3.56	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 25 + 50	1.06 + 1.06 + 1.06 + 1.77 + 3.54	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.26 + 1.26 + 1.26 + 2.14 + 4.09	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 25 + 60	0.98 + 0.98 + 0.98 + 1.63 + 3.92	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.18 + 1.18 + 1.18 + 2.01 + 4.44	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 35 + 35	1.11 + 1.11 + 1.11 + 2.59 + 2.59	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.37 + 1.37 + 1.37 + 2.95 + 2.95	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 35 + 42	1.05 + 1.05 + 1.05 + 2.44 + 2.93	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.29 + 1.29 + 1.29 + 2.77 + 3.35	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 35 + 50	0.98 + 0.98 + 0.98 + 2.29 + 3.27	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.19 + 1.19 + 1.19 + 2.56 + 3.87	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 35 + 60	0.91 + 0.91 + 0.91 + 2.13 + 3.64	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.12 + 1.12 + 1.12 + 2.42 + 4.21	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 42 + 42	0.99 + 0.99 + 0.99 + 2.77 + 2.77	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.22 + 1.22 + 1.22 + 3.17 + 3.17	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 42 + 50	0.93 + 0.93 + 0.93 + 2.61 + 3.10	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.13 + 1.13 + 1.13 + 2.94 + 3.67	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 42 + 60	0.87 + 0.87 + 0.87 + 2.43 + 3.47	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.07 + 1.07 + 1.07 + 2.78 + 4.01	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 50 + 50	0.88 + 0.88 + 0.88 + 2.93 + 2.93	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.05 + 1.05 + 1.05 + 3.42 + 3.42	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 15 + 50 + 60	0.82 + 0.82 + 0.82 + 2.74 + 3.29	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.00 + 1.00 + 1.00 + 3.25 + 3.75	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 18 + 18	1.50 + 1.50 + 1.80 + 1.80 + 1.80	8.40 (2.90 - 9.90)	2180 (550 - 2292)	3.85	1.74 + 1.74 + 2.17 + 2.17 + 2.17	10.00 (3.40 - 11.50)	2460[2]	4.07
	15 + 15 + 18 + 18 + 25	1.40 + 1.40 + 1.68 + 1.68 + 2.34	8.50 (2.90 - 9.90)	2490 (550 - 3260)	3.41	1.61 + 1.61 + 2.02 + 2.02 + 2.74	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 18 + 35	1.26 + 1.26 + 1.51 + 1.51 + 2.95	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.50 + 1.50 + 1.88 + 1.88 + 3.23	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 18 + 42	1.18 + 1.18 + 1.42 + 1.42 + 3.31	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.41 + 1.41 + 1.76 + 1.76 + 3.66	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 18 + 50	1.10 + 1.10 + 1.32 + 1.32 + 3.66	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.29 + 1.29 + 1.61 + 1.61 + 4.19	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 18 + 60	1.01 + 1.01 + 1.21 + 1.21 + 4.05	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.21 + 1.21 + 1.52 + 1.52 + 4.55	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 25 + 25	1.30 + 1.30 + 1.56 + 2.17 + 2.17	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.50 + 1.50 + 1.88 + 2.56 + 2.56	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 25 + 35	1.18 + 1.18 + 1.42 + 1.97 + 2.75	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.41 + 1.41 + 1.76 + 2.39 + 3.03	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 25 + 42	1.11 + 1.11 + 1.33 + 1.85 + 3.10	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.32 + 1.32 + 1.66 + 2.25 + 3.44	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 25 + 50	1.04 + 1.04 + 1.24 + 1.73 + 3.46	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.22 + 1.22 + 1.52 + 2.07 + 3.96	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 25 + 60	0.96 + 0.96 + 1.15 + 1.60 + 3.83	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.15 + 1.15 + 1.44 + 1.95 + 4.31	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 35 + 35	1.08 + 1.08 + 1.30 + 2.52 + 2.52	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.32 + 1.32 + 1.66 + 2.85 + 2.85	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 35 + 42	1.02 + 1.02 + 1.22 + 2.38 + 2.86	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.25 + 1.25 + 1.56 + 2.69 + 3.25	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 35 + 50	0.96 + 0.96 + 1.15 + 2.24 + 3.20	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.16 + 1.16 + 1.45 + 2.49 + 3.76	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 35 + 60	0.89 + 0.89 + 1.07 + 2.08 + 3.57	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.09 + 1.09 + 1.37 + 2.35 + 4.10	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 42 + 42	0.97 + 0.97 + 1.16 + 2.70 + 2.70	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.18 + 1.18 + 1.48 + 3.08 + 3.08	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 42 + 50	0.91 + 0.91 + 1.09 + 2.55 + 3.04	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.10 + 1.10 + 1.37 + 2.86 + 3.57	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 42 + 60	0.85 + 0.85 + 1.02 + 2.38 + 3.40	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.04 + 1.04 + 1.30 + 2.71 + 3.91	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 18 + 50 + 50	0.86 + 0.86 + 1.03 + 2.87 + 2.87	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.03 + 1.03 + 1.28 + 3.33 + 3.33	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 25 + 25	1.21 + 1.21 + 2.02 + 2.02 + 2.02	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.41 + 1.41 + 2.39 + 2.39 + 2.39	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 25 + 35	1.11 + 1.11 + 1.85 + 1.85 + 2.59	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.32 + 1.32 + 2.25 + 2.25 + 2.85	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 25 + 42	1.05 + 1.05 + 1.74 + 1.74 + 2.93	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.25 + 1.25 + 2.13 + 2.13 + 3.25	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 25 + 50	0.98 + 0.98 + 1.63 + 1.63 + 3.27	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.16 + 1.16 + 1.97 + 1.97 + 3.76	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 25 + 60	0.91 + 0.91 + 1.52 + 1.52 + 3.64	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.09 + 1.09 + 1.86 + 1.86 + 4.10	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 35 + 35	1.02 + 1.02 + 1.70 + 2.38 + 2.38	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.25 + 1.25 + 2.13 + 2.69 + 2.69	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 35 + 42	0.97 + 0.97 + 1.61 + 2.25 + 2.70	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.18 + 1.18 + 2.01 + 2.54 + 3.08	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 35 + 50	0.91 + 0.91 + 1.52 + 2.13 + 3.04	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.10 + 1.10 + 1.87 + 2.36 + 3.57	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 35 + 60	0.85 + 0.85 + 1.42 + 1.98 + 3.40	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.04 + 1.04 + 1.77 + 2.24 + 3.91	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 42 + 42	0.92 + 0.92 + 1.53 + 2.57 + 2.57	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.12 + 1.12 + 1.91 + 2.92 + 2.92	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 42 + 50	0.87 + 0.87 + 1.45 + 2.43 + 2.89	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.05 + 1.05 + 1.78 + 2.72 + 3.40	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 25 + 50 + 50	0.82 + 0.82 + 1.37 + 2.74 + 2.74	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	0.98 + 0.98 + 1.67 + 3.19 + 3.19	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 35 + 35 + 35	0.94 + 0.94 + 2.20 + 2.20 + 2.20	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.18 + 1.18 + 2.54 + 2.54 + 2.54	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 35 + 35 + 42	0.90 + 0.90 + 2.10 + 2.10 + 2.51	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.12 + 1.12 + 2.42 + 2.42 + 2.92	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 15 + 35 + 35 + 50	0.85 + 0.85 + 1.98 + 1.98 + 2.83	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.05 + 1.05 + 2.25 + 2.25 + 3.40	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 18 + 18	1.47 + 1.76 + 1.76 + 1.76 + 1.76	8.50 (2.90 - 9.90)	2530 (550 - 3260)	3.36	1.67 + 2.08 + 2.08 + 2.08 + 2.08	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 18 + 25	1.36 + 1.63 + 1.63 + 1.63 + 2.26	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.55 + 1.94 + 1.94 + 1.94 + 2.64	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 18 + 35	1.23 + 1.47 + 1.47 + 1.47 + 2.86	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.45 + 1.81 + 1.81 + 1.81 + 3.12	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 18 + 42	1.15 + 1.38 + 1.38 + 1.38 + 3.22	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.36 + 1.70 + 1.70 + 1.70 + 3.54	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 18 + 50	1.07 + 1.29 + 1.29 + 1.29 + 3.57	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.25 + 1.56 + 1.56 + 1.56 + 4.06	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 18 + 60	0.99 + 1.19 + 1.19 + 1.19 + 3.95	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.18 + 1.47 + 1.47 + 1.47 + 4.41	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 25 + 25	1.26 + 1.51 + 1.51 + 2.10 + 2.10	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.45 + 1.81 + 1.81 + 2.46 + 2.46	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 25 + 35	1.15 + 1.38 + 1.38 + 1.91 + 2.68	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.36 + 1.70 + 1.70 + 2.31 + 2.93	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 25 + 42	1.08 + 1.30 + 1.30 + 1.80 + 3.03	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.28 + 1.60 + 1.60 + 2.18 + 3.33	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 25 + 50	1.01 + 1.21 + 1.21 + 1.69 + 3.37	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.18 + 1.48 + 1.48 + 2.01 + 3.85	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 25 + 60	0.94 + 1.13 + 1.13 + 1.56 + 3.75	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.12 + 1.40 + 1.40 + 1.90 + 4.19	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 35 + 35	1.05 + 1.26 + 1.26 + 2.46 + 2.46	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.28 + 1.60 + 1.60 + 2.76 + 2.76	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 35 + 42	1.00 + 1.20 + 1.20 + 2.32 + 2.79	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.21 + 1.52 + 1.52 + 2.61 + 3.15	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 35 + 50	0.94 + 1.13 + 1.13 + 2.19 + 3.13	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.12 + 1.40 + 1.40 + 2.42 + 3.65	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07

[2] Information pending
** RAM - 90NP5E+ RAK - 25RPE + RAK - 25RPE + RAK - 35RPE.

RAM - 90NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
5 units	15 + 18 + 18 + 35 + 60	0.87 + 1.05 + 1.05 + 2.04 + 3.49	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.06 + 1.33 + 1.33 + 2.29 + 3.99	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 42 + 42	0.94 + 1.13 + 1.13 + 2.64 + 2.64	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.15 + 1.44 + 1.44 + 2.99 + 2.99	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 42 + 50	0.89 + 1.07 + 1.07 + 2.50 + 2.97	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.07 + 1.34 + 1.34 + 2.78 + 3.48	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 42 + 60	0.83 + 1.00 + 1.00 + 2.33 + 3.33	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.02 + 1.27 + 1.27 + 2.64 + 3.81	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 18 + 50 + 50	0.84 + 1.01 + 1.01 + 2.81 + 2.81	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.00 + 1.25 + 1.25 + 3.25 + 3.25	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 25 + 25	1.18 + 1.42 + 1.97 + 1.97 + 1.97	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.36 + 1.70 + 2.31 + 2.31 + 2.31	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 25 + 35	1.08 + 1.30 + 1.80 + 1.80 + 2.52	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.28 + 1.60 + 2.18 + 2.18 + 2.76	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 25 + 42	1.02 + 1.22 + 1.70 + 1.70 + 2.86	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.21 + 1.52 + 2.06 + 2.06 + 3.15	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 25 + 50	0.96 + 1.15 + 1.60 + 1.60 + 3.20	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.12 + 1.40 + 1.91 + 1.91 + 3.65	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 25 + 60	0.89 + 1.07 + 1.49 + 1.49 + 3.57	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.06 + 1.33 + 1.81 + 1.81 + 3.99	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 35 + 35	1.00 + 1.20 + 1.66 + 2.32 + 2.32	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.21 + 1.52 + 2.06 + 2.61 + 2.61	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 35 + 42	0.94 + 1.13 + 1.57 + 2.20 + 2.64	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.15 + 1.44 + 1.95 + 2.47 + 2.99	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 35 + 50	0.89 + 1.07 + 1.49 + 2.08 + 2.97	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.07 + 1.34 + 1.82 + 2.30 + 3.48	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 35 + 60	0.83 + 1.00 + 1.39 + 1.94 + 3.33	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.02 + 1.27 + 1.73 + 2.18 + 3.81	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 42 + 42	0.90 + 1.08 + 1.50 + 2.51 + 2.51	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.09 + 1.37 + 1.86 + 2.84 + 2.84	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 25 + 42 + 50	0.85 + 1.02 + 1.42 + 2.38 + 2.83	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.02 + 1.28 + 1.73 + 2.65 + 3.32	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 35 + 35 + 35	0.92 + 1.11 + 2.16 + 2.16 + 2.16	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.15 + 1.44 + 2.47 + 2.47 + 2.47	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 35 + 35 + 42	0.88 + 1.06 + 2.05 + 2.05 + 2.46	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.09 + 1.37 + 2.35 + 2.35 + 2.84	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 18 + 35 + 35 + 50	0.83 + 1.00 + 1.94 + 1.94 + 2.78	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.02 + 1.28 + 2.19 + 2.19 + 3.32	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 25 + 25	1.11 + 1.85 + 1.85 + 1.85 + 1.85	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.28 + 2.18 + 2.18 + 2.18 + 2.18	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 25 + 35	1.02 + 1.70 + 1.70 + 1.70 + 2.38	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.21 + 2.06 + 2.06 + 2.06 + 2.61	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 25 + 42	0.97 + 1.61 + 1.61 + 1.61 + 2.70	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.15 + 1.95 + 1.95 + 1.95 + 2.99	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 25 + 50	0.91 + 1.52 + 1.52 + 1.52 + 3.04	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.07 + 1.82 + 1.82 + 1.82 + 3.48	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 25 + 60	0.85 + 1.42 + 1.42 + 1.42 + 3.40	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.02 + 1.73 + 1.73 + 1.73 + 3.81	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 35 + 35	0.94 + 1.57 + 1.57 + 2.20 + 2.20	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.15 + 1.95 + 1.95 + 2.47 + 2.47	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 35 + 42	0.90 + 1.50 + 1.50 + 2.10 + 2.51	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.09 + 1.86 + 1.86 + 2.35 + 2.84	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 35 + 50	0.85 + 1.42 + 1.42 + 1.98 + 2.83	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.02 + 1.73 + 1.73 + 2.19 + 3.32	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 25 + 42 + 42	0.86 + 1.43 + 1.43 + 2.40 + 2.40	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.15 + 1.95 + 1.95 + 2.47 + 2.47	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 35 + 35 + 35	0.88 + 1.47 + 2.05 + 2.05 + 2.05	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.09 + 1.86 + 2.35 + 2.35 + 2.35	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	15 + 25 + 35 + 35 + 42	0.84 + 1.40 + 1.96 + 1.96 + 2.35	8.50 (2.90 - 9.90)	2690 (550 - 3260)	3.16	1.04 + 1.77 + 2.24 + 2.24 + 2.71	10.00 (3.40 - 11.50)	2460 (610 - 2952)	4.07
	18 + 18 + 18 + 18 + 18	1.70 + 1.70 + 1.70 + 1.70 + 1.70	8.50 (2.90 - 9.90)	2530 (600 - 3040)	3.36	2.00 + 2.00 + 2.00 + 2.00 + 2.00	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 18 + 25	1.58 + 1.58 + 1.58 + 1.58 + 2.19	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.87 + 1.87 + 1.87 + 1.87 + 2.54	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 18 + 35	1.43 + 1.43 + 1.43 + 1.43 + 2.78	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.75 + 1.75 + 1.75 + 1.75 + 3.01	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 18 + 42	1.34 + 1.34 + 1.34 + 1.34 + 3.13	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.64 + 1.64 + 1.64 + 1.64 + 3.42	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 18 + 50	1.25 + 1.25 + 1.25 + 1.25 + 3.48	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.52 + 1.52 + 1.52 + 1.52 + 3.94	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 18 + 60	1.16 + 1.16 + 1.16 + 1.16 + 3.86	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.43 + 1.43 + 1.43 + 1.43 + 4.29	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 25 + 25	1.47 + 1.47 + 1.47 + 2.04 + 2.04	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.75 + 1.75 + 1.75 + 2.38 + 2.38	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 25 + 35	1.34 + 1.34 + 1.34 + 1.86 + 2.61	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.64 + 1.64 + 1.64 + 2.24 + 2.83	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 25 + 42	1.26 + 1.26 + 1.26 + 1.76 + 2.95	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.55 + 1.55 + 1.55 + 2.11 + 3.23	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 25 + 50	1.19 + 1.19 + 1.19 + 1.65 + 3.29	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.44 + 1.44 + 1.44 + 1.95 + 3.74	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 25 + 60	1.10 + 1.10 + 1.10 + 1.53 + 3.67	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.36 + 1.36 + 1.36 + 1.85 + 4.08	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 35 + 35	1.23 + 1.23 + 1.23 + 2.40 + 2.40	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.55 + 1.55 + 1.55 + 2.67 + 2.67	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 35 + 42	1.17 + 1.17 + 1.17 + 2.27 + 2.73	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.47 + 1.47 + 1.47 + 2.53 + 3.06	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 35 + 50	1.10 + 1.10 + 1.10 + 2.14 + 3.06	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.37 + 1.37 + 1.37 + 2.35 + 3.55	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 42 + 42	1.11 + 1.11 + 1.11 + 2.59 + 2.59	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.40 + 1.40 + 1.40 + 2.91 + 2.91	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 18 + 42 + 50	1.05 + 1.05 + 1.05 + 2.45 + 2.91	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.30 + 1.30 + 1.30 + 2.71 + 3.39	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 25 + 25	1.38 + 1.38 + 1.91 + 1.91 + 1.91	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.64 + 1.64 + 2.24 + 2.24 + 2.24	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 25 + 35	1.26 + 1.26 + 1.76 + 1.76 + 2.46	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.55 + 1.55 + 2.11 + 2.11 + 2.67	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 25 + 42	1.20 + 1.20 + 1.66 + 1.66 + 2.79	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.47 + 1.47 + 2.00 + 2.00 + 3.06	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 25 + 50	1.13 + 1.13 + 1.56 + 1.56 + 3.13	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.37 + 1.37 + 1.86 + 1.86 + 3.55	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 25 + 60	1.05 + 1.05 + 1.46 + 1.46 + 3.49	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.30 + 1.30 + 1.76 + 1.76 + 3.89	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 35 + 35	1.17 + 1.17 + 1.62 + 2.27 + 2.27	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.47 + 1.47 + 2.00 + 2.53 + 2.53	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 35 + 42	1.11 + 1.11 + 1.54 + 2.16 + 2.59	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.40 + 1.40 + 1.90 + 2.40 + 2.91	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 35 + 50	1.05 + 1.05 + 1.46 + 2.04 + 2.91	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.30 + 1.30 + 1.77 + 2.24 + 3.39	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 25 + 42 + 42	1.06 + 1.06 + 1.47 + 2.46 + 2.46	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.33 + 1.33 + 1.81 + 2.77 + 2.77	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 35 + 35 + 35	1.09 + 1.09 + 2.11 + 2.11 + 2.11	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.40 + 1.40 + 2.40 + 2.40 + 2.40	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 18 + 35 + 35 + 42	1.03 + 1.03 + 2.01 + 2.01 + 2.41	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.33 + 1.33 + 2.29 + 2.29 + 2.77	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 25 + 25	1.30 + 1.80 + 1.80 + 1.80 + 1.80	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.55 + 2.11 + 2.11 + 2.11 + 2.11	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 25 + 35	1.20 + 1.66 + 1.66 + 1.66 + 2.32	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.47 + 2.00 + 2.00 + 2.00 + 2.53	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 25 + 42	1.13 + 1.57 + 1.57 + 1.57 + 2.64	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.40 + 1.90 + 1.90 + 1.90 + 2.91	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 25 + 50	1.07 + 1.49 + 1.49 + 1.49 + 2.97	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	6.00 + 0.82 + 0.82 + 0.82 + 1.56	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 25 + 60	1.00 + 1.39 + 1.39 + 1.39 + 3.33	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.24 + 1.68 + 1.68 + 1.68 + 3.71	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 35 + 35	1.11 + 1.54 + 1.54 + 2.16 + 2.16	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.40 + 1.90 + 1.90 + 2.40 + 2.40	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 35 + 42	1.06 + 1.47 + 1.47 + 2.05 + 2.46	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.33 + 1.81 + 1.81 + 2.29 + 2.77	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 35 + 50	1.00 + 1.39 + 1.39 + 1.94 + 2.78	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.24 + 1.69 + 1.69 + 2.14 + 3.23	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 25 + 42 + 42	1.01 + 1.40 + 1.40 + 2.35 + 2.35	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.27 + 1.73 + 1.73 + 2.64 + 2.64	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 35 + 35 + 35	1.03 + 1.44 + 2.01 + 2.01 + 2.01	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.33 + 1.81 + 2.29 + 2.29 + 2.29	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	18 + 25 + 35 + 35 + 42	0.99 + 1.37 + 1.92 + 1.92 + 2.30	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.27 + 1.73 + 2.18 + 2.18 + 2.64	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	25 + 25 + 25 + 25 + 25	1.70 + 1.70 + 1.70 + 1.70 + 1.70	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	2.00 + 2.00 + 2.00 + 2.00 + 2.00	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	25 + 25 + 25 + 25 + 35	1.57 + 1.57 + 1.57 + 1.57 + 2.20	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.90 + 1.90 + 1.90 + 1.90 + 2.40	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	25 + 25 + 25 + 25 + 42	1.50 + 1.50 + 1.50 + 1.50 + 2.51	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.81 + 1.81 + 1.81 + 1.81 + 2.77	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	25 + 25 + 25 + 25 + 50	1.42 + 1.42 + 1.42 + 1.42 + 2.83	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.69 + 1.69 + 1.69 + 1.69 + 3.23	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	25 + 25 + 25 + 35 + 35	1.47 + 1.47 + 1.47 + 2.05 + 2.05	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.81 + 1.81 + 1.81 + 2.29 + 2.29	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	25 + 25 + 25 + 35 + 42	1.40 + 1.40 + 1.40 + 1.96 + 2.35	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.73 + 1.73 + 1.73 + 2.18 + 2.64	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07
	25 + 25 + 35 + 35 + 35	1.37 + 1.37 + 1.92 + 1.92 + 1.92	8.50 (2.90 - 9.90)	2690 (600 - 3040)	3.16	1.73 + 1.73 + 2.18 + 2.18 + 2.18	10.00 (3.40 - 12.10)	2460 (610 - 2710)	4.07

** RAM - 90NP5E+ RAK - 25RPE + RAK - 25RPE + RAK - 35RPE.

Indoor unit combinations

Standard multi-splits

RAM-110NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
1 unit	15	1.50	1.50 (1.00 - 1.60)	420 (320 - 480)	3.57	2.00	2.00 (1.50 - 2.20)	620 (360 - 850)	3.23
	18	1.80	1.80 (1.70 - 2.00)	500 (320 - 610)	3.60	2.50	2.50 (2.00 - 3.00)	780 (360 - 920)	3.21
	25	2.50	2.50 (1.70 - 2.80)	700 (320 - 860)	3.57	3.40	3.40 (2.00 - 4.00)	1140 (360 - 1340)	2.98
	35	3.50	3.50 (1.70 - 3.90)	1040 (320 - 1270)	3.37	4.30	4.30 (2.00 - 5.20)	1420 (360 - 1720)	3.03
	42	4.20	4.20 (1.70 - 4.20)	1250 (320 - 1270)	3.36	5.20	4.30 (2.00 - 6.50)	1420 (360 - 1720)	3.03
	50	5.00	5.00 (1.70 - 5.50)	1540 (320 - 1860)	3.25	6.50	6.50 (2.00 - 7.30)	2300 (360 - 2580)	2.83
	60	6.00	6.00 (1.70 - 6.60)	1630 (320 - 1860)	3.68	7.50	7.50 (2.00 - 8.20)	2300 (360 - 2950)	3.26
2 units	15+ 15	1,50 + 1,50	3.00 (2.40 - 3.50)	850 (500 - 1020)	3.53	2.00+ 2.00	4.00 (2.70 - 4.70)	950 (500 - 1140)	4.21
	15+ 18	1.50+ 1.80	3.30 (2.40 - 3.80)	950 (500 - 1140)	3.47	2.00+ 2.50	4.50 (2.70 - 5.20)	1180 (500 - 1416)	3.81
	15+ 25	1.50+ 2.50	4.00 (2.40 - 4.50)	1150 (500 - 1500)	3.48	2.00+ 3.40	5.40 (2.70 - 6.10)	1320 (500 - 1584)	4.09
	15+ 35	1.50+ 3.50	5.00 (2.40 - 5.50)	1550 (500 - 1860)	3.23	2.00+ 4.30	6.30 (2.70 - 7.00)	1550 (500 - 1860)	4.06
	15+ 42	1.50+ 4.20	5.70 (2.40 - 6.20)	1700 (500 - 1860)	3.35	2.00+ 5.20	7.20 (2.70 - 7.90)	1850 (500 - 2560)	3.89
	15+ 50	1.50+ 5.00	6.50 (2.40 - 7.00)	2100 (500 - 2520)	3.10	2.00+ 6.50	8.50 (2.70 - 9.20)	2800 (500 - 3000)	3.04
	15+ 60	1.50+ 6.00	7.50 (2.40 - 8.00)	2100 (500 - 2520)	3.57	2.00+ 7.50	9.50 (2.70 - 10.20)	2800 (500 - 3000)	3.39
	18+ 18	1.80+ 1.80	3.60 (2.40 - 4.00)	1000 (500 - 1160)	3.60	2.50+ 2.50	5.00 (2.70 - 5.70)	1240 (500 - 1710)	4.03
	18+ 25	1.80+ 2.50	4.30 (2.40 - 4.70)	1200 (500 - 1590)	3.58	2.50+ 3.40	5.90 (2.70 - 6.60)	1530 (500 - 1990)	3.86
	18+ 35	1.80+ 3.50	5.30 (2.40 - 5.80)	1590 (500 - 1900)	3.33	2.50+ 4.30	6.80 (2.70 - 7.50)	1870 (500 - 2320)	3.64
	18+ 42	1.59+ 3.71	6.00 (2.40 - 5.80)	1760 (500 - 1900)	3.41	2.50+ 5.20	7.70 (2.70 - 8.40)	2200 (500 - 2880)	3.50
	18+ 50	1.80+ 5.00	6.80 (2.40 - 7.50)	2370 (500 - 2970)	2.87	2.50+ 6.50	9.00 (2.70 - 9.70)	2970 (500 - 3400)	3.03
	18+ 60	1.80+ 6.00	7.80 (2.40 - 8.20)	2370 (500 - 3120)	3.29	2.50+ 7.50	10.00 (2.70 - 10.70)	2970 (500 - 3400)	3.37
	25+ 25	2.50+ 2.50	5.00 (2.40 - 5.50)	1370 (500 - 1640)	3.65	3.40+ 3.40	6.80 (2.70 - 7.50)	1920 (500 - 2250)	3.54
	25+ 35	2.50+ 3.50	6.00 (2.40 - 6.60)	2000 (500 - 2400)	3.00	3.40+ 4.30	7.70 (2.70 - 8.40)	2280 (500 - 2590)	3.38
	25+ 42	2.50+ 4.20	6.70 (2.40 - 7.00)	2000 (500 - 2400)	3.35	3.40+ 5.20	8.60 (2.70 - 9.30)	2400 (500 - 3110)	3.58
	25+ 50	2.50+ 5.00	7.50 (2.40 - 8.00)	2580 (500 - 3270)	2.91	3.40+ 6.50	9.90 (2.70 - 10.60)	3220 (500 - 3400)	3.07
	25+ 60	2.50+ 6.00	8.50 (2.40 - 9.00)	2580 (500 - 3270)	3.29	3.40+ 7.50	10.90 (2.70 - 11.60)	3220 (500 - 3400)	3.39
	35+ 35	3.50+ 3.50	7.00 (2.40 - 7.80)	2490 (450 - 2990)	2.81	4.30+ 4.30	8.60 (2.70 - 9.30)	2460 (500 - 2860)	3.50
	35+ 42	3.50+ 4.20	7.70 (2.40 - 8.10)	2490 (500 - 2990)	3.09	4.30+ 5.20	9.50 (2.70 - 10.20)	2680 (500 - 3320)	3.54
	35+ 50	3.50+ 5.00	8.50 (2.40 - 8.80)	2700 (500 - 3270)	3.15	4.30+ 6.50	10.80 (2.70 - 11.50)	3290 (500 - 3600)	3.28
	35+ 60	3.50+ 6.00	9.50 (2.40 - 10.10)	2700 (500 - 3270)	3.52	4.30+ 7.50	11.80 (2.70 - 12.50)	3290 (500 - 3600)	3.59
	42+ 42	4.20+ 4.20	8.40 (2.40 - 8.80)	2700 (500 - 3270)	3.11	5.20+ 5.20	10.40 (2.70 - 11.10)	2460 (500 - 2860)	4.23
	42+ 50	4.20+ 5.00	9.20 (2.40 - 9.70)	2900 (500 - 3470)	3.17	5.20+ 6.50	11.70 (2.70 - 12.40)	3440 (500 - 3800)	3.40
	42+ 60	3.99+ 5.70	10.00 (2.40 - 10.59)	2900 (500 - 3470)	3.45	4.91+ 7.09	12.00 (2.70 - 12.70)	3440 (500 - 3800)	3.49
	50+ 50	5.00+ 5.00	10.00 (2.40 - 11.00)	3100 (500 - 3670)	3.23	6.00+ 6.00	12.00 (2.70 - 12.70)	3440 (500 - 3800)	3.49
	50+ 60	4.55+ 5.45	10.00 (2.40 - 11.00)	3200 (500 - 3780)	3.13	5.57+ 6.43	12.00 (2.70 - 12.70)	3440 (500 - 3800)	3.49
	60+ 60	5.00+ 5.00	10.00 (2.40 - 11.00)	3300 (500 - 3870)	3.03	6.00+ 6.00	12.00 (2.70 - 12.70)	3440 (500 - 3800)	3.49
3 units	15 + 15 + 15	1.50 + 1.50 + 1.50	4.50 (2.70 - 5.00)	1250 (510 - 1500)	3.60	2.00 + 2.00 + 2.00	6.00 (2.90 - 6.70)	1540 (520 - 1848)	3.90
	15 + 15 + 18	1.50 + 1.50 + 1.80	4.80 (2.70 - 5.30)	1350 (510 - 1620)	3.56	2.00 + 2.00 + 2.50	6.50 (2.90 - 7.20)	1800 (520 - 2160)	3.61
	15 + 15 + 25	1.50 + 1.50 + 2.50	5.50 (2.70 - 6.00)	1550 (510 - 1988)	3.55	2.00 + 2.00 + 3.40	7.40 (2.90 - 8.10)	2010 (520 - 2412)	3.68
	15 + 15 + 35	1.50 + 1.50 + 3.50	6.50 (2.70 - 7.00)	2100 (510 - 2676)	3.10	2.00 + 2.00 + 4.30	8.30 (2.90 - 9.00)	2420 (520 - 2904)	3.43
	15 + 15 + 42	1.50 + 1.50 + 4.20	7.20 (2.70 - 7.80)	2150 (510 - 2676)	3.35	2.00 + 2.00 + 5.20	9.20 (2.90 - 9.90)	2580 (520 - 2904)	3.57
	15 + 15 + 50	1.50 + 1.50 + 5.00	8.00 (2.70 - 8.50)	2400 (510 - 2876)	3.33	2.00 + 2.00 + 6.50	10.50 (2.90 - 11.20)	3030 (520 - 3448)	3.47
	15 + 15 + 60	1.50 + 1.50 + 6.00	9.00 (2.70 - 9.50)	2470 (510 - 2876)	3.64	2.00 + 2.00 + 7.50	11.50 (2.90 - 12.20)	3030 (520 - 3448)	3.80
	15 + 18 + 18	1.50 + 1.80 + 1.80	5.10 (2.70 - 5.60)	1450 (510 - 1620)	3.52	2.00 + 2.50 + 2.50	7.00 (2.90 - 7.70)	1880 (520 - 2280)	3.72
	15 + 18 + 25	1.50 + 1.80 + 2.50	5.80 (2.70 - 6.30)	1650 (510 - 1820)	3.52	2.00 + 2.50 + 3.40	7.90 (2.90 - 8.60)	2130 (520 - 2616)	3.71
	15 + 18 + 35	1.50 + 1.80 + 3.50	6.80 (2.70 - 7.30)	1850 (510 - 2844)	3.68	2.00 + 2.50 + 4.30	8.80 (2.90 - 9.50)	2580 (520 - 3030)	3.41
	15 + 18 + 42	1.50 + 1.80 + 4.20	7.50 (2.70 - 8.00)	2200 (510 - 2844)	3.41	2.00 + 2.50 + 5.20	9.70 (2.90 - 10.40)	2630 (520 - 3030)	3.69
	15 + 18 + 50	1.50 + 1.80 + 5.00	8.30 (2.70 - 9.10)	2400 (510 - 2844)	3.46	2.00 + 2.50 + 6.50	11.00 (2.90 - 11.70)	3150 (520 - 3690)	3.49
	15 + 18 + 60	1.50 + 1.80 + 6.00	9.30 (2.70 - 10.20)	2550 (510 - 2844)	3.65	2.00 + 2.50 + 7.50	12.00 (2.90 - 12.70)	3150 (520 - 3690)	3.81
	15 + 25 + 25	1.50 + 2.50 + 2.50	6.50 (2.70 - 7.00)	1800 (510 - 2520)	3.61	2.00 + 3.40 + 3.40	8.80 (2.90 - 9.50)	2350 (520 - 3030)	3.74
	15 + 25 + 35	1.50 + 2.50 + 3.50	7.50 (2.70 - 8.30)	2100 (510 - 3096)	3.57	2.00 + 3.40 + 4.30	9.70 (2.90 - 10.40)	2620 (520 - 3030)	3.70
	15 + 25 + 42	1.50 + 2.50 + 4.20	8.20 (2.70 - 8.70)	2200 (510 - 3360)	3.73	2.00 + 3.40 + 5.20	10.60 (2.90 - 11.30)	2750 (520 - 3030)	3.85
	15 + 25 + 50	1.50 + 2.50 + 5.00	9.00 (2.70 - 9.90)	2680 (510 - 3360)	3.36	2.00 + 3.40 + 6.50	11.90 (2.90 - 12.60)	3290 (520 - 3690)	3.62
	15 + 25 + 60	1.50 + 2.50 + 6.00	10.00 (2.70 - 10.60)	2780 (510 - 3360)	3.60	1.86 + 3.16 + 6.98	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	15 + 35 + 35	1.50 + 3.50 + 3.50	8.50 (2.70 - 9.40)	2560 (510 - 3360)	3.32	2.00 + 4.30 + 4.30	10.60 (2.90 - 11.30)	2990 (520 - 3360)	3.55
	15 + 35 + 42	1.50 + 3.50 + 4.20	9.20 (2.70 - 9.70)	2700 (510 - 3460)	3.41	2.00 + 4.30 + 5.20	11.50 (2.90 - 12.20)	2990 (520 - 3360)	3.85
	15 + 35 + 50	1.50 + 3.50 + 5.00	10.00 (2.70 - 10.70)	3000 (510 - 3460)	3.33	1.88 + 4.03 + 6.09	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	15 + 35 + 60	1.36 + 3.18 + 5.46	10.00 (2.70 - 11.00)	3100 (510 - 3460)	3.23	1.74 + 3.74 + 6.52	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	15 + 42 + 42	1.50 + 4.20 + 4.20	9.90 (2.70 - 10.50)	3000 (510 - 3460)	3.30	1.94 + 5.03 + 5.03	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	15 + 42 + 50	1.40 + 3.93 + 4.67	10.00 (2.70 - 10.56)	3210 (510 - 3460)	3.12	1.75 + 4.55 + 5.69	12.00 (2.90 - 12.70)	3390 (520 - 3690)	3.54
	15 + 42 + 60	1.28 + 3.59 + 5.13	10.00 (2.70 - 10.60)	3300 (510 - 3800)	3.03	1.63 + 4.24 + 6.12	12.00 (2.90 - 12.70)	3390 (520 - 3690)	3.54
	15 + 50 + 50	1.30 + 4.35 + 4.35	10.00 (2.70 - 10.70)	3500 (510 - 3800)	2.86	1.60 + 5.20 + 5.20	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	15 + 50 + 60	1.20 + 4.00 + 4.80	10.00 (2.70 - 10.80)	3600 (510 - 3800)	2.78	1.50 + 4.88 + 5.63	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	15 + 60 + 60	1.11 + 4.44 + 4.44	10.00 (2.70 - 10.96)	3680 (510 - 3800)	2.72	1.41 + 5.29 + 5.29	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	18 + 18 + 18	1.80 + 1.80 + 1.80	5.40 (2.70 - 6.00)	1480 (510 - 1780)	3.65	2.50 + 2.50 + 2.50	7.50 (2.90 - 8.20)	2420 (520 - 2860)	3.10
	18 + 18 + 25	1.80 + 1.80 + 2.50	6.10 (2.70 - 6.80)	1780 (510 - 2150)	3.43	2.50 + 2.50 + 3.40	8.40 (2.90 - 9.10)	2420 (520 - 3060)	3.47
	18 + 18 + 35	1.80 + 1.80 + 3.50	7.10 (2.70 - 7.90)	2050 (510 - 2310)	3.46	2.50 + 2.50 + 4.30	9.30 (2.90 - 10.00)	2630 (520 - 3060)	3.54
	18 + 18 + 42	1.80 + 1.80 + 4.20	7.80 (2.70 - 8.20)	2250 (510 - 3460)	3.47	2.50 + 2.50 + 5.20	10.20 (2.90 - 10.90)	2670 (520 - 3060)	3.82
	18 + 18 + 50	1.80 + 1.80 + 5.00	8.60 (2.70 - 9.50)	2650 (510 - 3460)	3.25	2.50 + 2.50 + 6.50	11.50 (2.90 - 12.20)	3230 (520 - 3690)	3.56
	18 + 18 + 60	1.80 + 1.80 + 6.00	9.60 (2.70 - 10.60)	2650 (510 - 3460)	3.62	2.40 + 2.40 + 7.20	12.00 (2.90 - 12.70)	3230 (520 - 3690)	3.72
	18 + 25 + 25	1.80 + 2.50 + 2.50	6.80 (2.70 - 7.60)	1860 (510 - 2260)	3.66	2.50 + 3.40 + 3.40	9.30 (2.90 - 10.00)	2450 (520 - 2760)	3.80
	18 + 25 + 35	1.80 + 2.50 + 3.50	7.80 (2.70 - 8.70)	2250 (510 - 3270)	3.47	2.50 + 3.40 + 4.30	10.20 (2.90 - 10.90)	2530 (520 - 2880)	4.03
	18 + 25 + 42	1.80 + 2.50 + 4.20	8.50 (2.70 - 9.00)	2450 (510 - 3270)	3.47	2.50 + 3.40 + 5.20	11.10 (2.90 - 11.80)	2830 (520 - 3220)	3.92
	18 + 25 + 50	1.80 + 2.50 + 5.00	9.30 (2.70 - 10.30)	2750 (510 - 3270)	3.38	2.42 + 3.29 + 6.29	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65

RAM-110NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
3 units	18 + 25 + 60	1.75 + 2.43 + 5.83	10.00 (2.70 - 10.80)	2850 (510 - 3320)	3.51	2.24 + 3.04 + 6.72	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	18 + 35 + 35	1.80 + 3.50 + 3.50	8.80 (2.70 - 9.80)	2600 (510 - 3460)	3.38	2.50 + 4.30 + 4.30	11.10 (2.90 - 11.80)	3050 (520 - 3330)	3.64
	18 + 35 + 42	1.80 + 3.50 + 4.20	9.50 (2.70 - 10.10)	2800 (510 - 3460)	3.39	2.50 + 4.30 + 5.20	12.00 (2.90 - 12.70)	3050 (520 - 3330)	3.93
	18 + 35 + 50	1.75 + 3.40 + 4.85	10.00 (2.70 - 10.80)	3080 (510 - 3580)	3.25	2.26 + 3.88 + 5.86	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	18 + 35 + 60	1.59 + 3.10 + 5.31	10.00 (2.70 - 10.50)	4000 (510 - 3580)	2.50	2.10 + 3.61 + 6.29	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	18 + 42 + 42	1.76 + 4.12 + 4.12	10.00 (2.70 - 10.50)	3000 (510 - 3580)	3.33	2.33 + 4.84 + 4.84	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	18 + 42 + 50	1.64 + 3.82 + 4.55	10.00 (2.70 - 10.64)	3290 (510 - 3580)	3.04	2.11 + 4.39 + 5.49	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	18 + 42 + 60	1.50 + 3.50 + 5.00	10.00 (2.70 - 11.00)	3400 (510 - 4000)	2.94	1.97 + 4.11 + 5.92	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	18 + 50 + 50	1.53 + 4.24 + 4.24	10.00 (2.70 - 10.80)	3580 (510 - 4000)	2.79	1.94 + 5.03 + 5.03	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	18 + 50 + 60	1.41 + 3.91 + 4.69	10.00 (2.70 - 12.00)	3680 (510 - 4000)	2.72	1.82 + 4.73 + 5.45	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	18 + 60 + 60	1.30 + 4.35 + 4.35	10.00 (2.70 - 12.50)	3780 (510 - 4000)	2.65	1.71 + 5.14 + 5.14	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	25 + 25 + 25	2.50 + 2.50 + 2.50	7.50 (2.70 - 8.40)	2120 (510 - 2580)	3.54	3.40 + 3.40 + 3.40	10.20 (2.90 - 10.90)	2540 (520 - 2920)	4.02
	25 + 25 + 35	2.50 + 2.50 + 3.50	8.50 (2.70 - 9.50)	2560 (510 - 3110)	3.32	3.40 + 3.40 + 4.30	11.10 (2.90 - 11.80)	2730 (520 - 3070)	4.07
	25 + 25 + 42	2.50 + 2.50 + 4.20	9.20 (2.70 - 9.80)	2650 (510 - 3360)	3.47	3.40 + 3.40 + 5.20	12.00 (2.90 - 12.70)	2930 (520 - 3330)	4.10
	25 + 25 + 50	2.50 + 2.50 + 5.00	10.00 (2.70 - 11.10)	3000 (510 - 3360)	3.33	3.07 + 3.07 + 5.86	12.00 (2.90 - 12.70)	3190 (520 - 3560)	3.76
	25 + 25 + 60	2.27 + 2.27 + 5.45	10.00 (2.70 - 11.09)	3000 (510 - 3360)	3.33	2.85 + 2.85 + 6.29	12.00 (2.90 - 12.70)	3190 (520 - 3560)	3.76
	25 + 35 + 35	2.50 + 3.50 + 3.50	9.50 (2.70 - 10.60)	2800 (510 - 3330)	3.39	3.40 + 4.30 + 4.30	12.00 (2.90 - 12.70)	2890 (520 - 3220)	4.15
	25 + 35 + 42	2.45 + 3.43 + 4.12	10.00 (2.70 - 10.69)	3000 (510 - 3660)	3.33	3.16 + 4.00 + 4.84	12.00 (2.90 - 12.70)	2990 (520 - 3330)	4.01
	25 + 35 + 50	2.27 + 3.18 + 4.55	10.00 (2.70 - 11.09)	3280 (510 - 3660)	3.05	2.87 + 3.63 + 5.49	12.00 (2.90 - 12.70)	3190 (520 - 3690)	3.76
	25 + 35 + 60	2.08 + 2.92 + 5.00	10.00 (2.70 - 11.50)	3380 (510 - 3660)	2.96	2.68 + 3.39 + 5.92	12.00 (2.90 - 12.70)	3190 (520 - 3690)	3.76
	25 + 42 + 42	2.29 + 3.85 + 3.85	10.00 (2.70 - 10.28)	3200 (510 - 3660)	3.13	2.96 + 4.52 + 4.52	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	25 + 42 + 50	2.14 + 3.59 + 4.27	10.00 (2.70 - 10.68)	3500 (510 - 4000)	2.86	2.70 + 4.13 + 5.17	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	25 + 42 + 60	1.97 + 3.31 + 4.72	10.00 (2.70 - 12.00)	3500 (510 - 4000)	2.86	2.53 + 3.88 + 5.59	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	25 + 50 + 50	2.00 + 4.00 + 4.00	10.00 (2.70 - 11.6)	3500 (510 - 4000)	2.86	2.49 + 4.76 + 4.76	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	25 + 50 + 60	1.85 + 3.70 + 4.44	10.00 (2.70 - 12.5)	3500 (510 - 4000)	2.86	2.34 + 4.48 + 5.17	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	25 + 60 + 60	1.72 + 4.14 + 4.14	10.00 (2.70 - 12.50)	3500 (510 - 4000)	2.86	2.22 + 4.89 + 4.89	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	35 + 35 + 35	3.33 + 3.33 + 3.33	10.00 (2.70 - 11.14)	3100 (510 - 4000)	3.23	4.00 + 4.00 + 4.00	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	35 + 35 + 42	3.13 + 3.13 + 3.75	10.00 (2.70 - 10.71)	3300 (510 - 4000)	3.03	3.74 + 3.74 + 4.52	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	35 + 35 + 50	2.92 + 2.92 + 4.17	10.00 (2.70 - 12.00)	3600 (510 - 4200)	2.78	3.42 + 3.42 + 5.17	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	35 + 35 + 60	2.69 + 2.69 + 4.62	10.00 (2.70 - 12.50)	3700 (510 - 4200)	2.70	3.20 + 3.20 + 5.59	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	35 + 42 + 42	2.94 + 3.53 + 3.53	10.00 (2.70 - 10.34)	3550 (510 - 4200)	2.82	3.51 + 4.24 + 4.24	12.00 (2.90 - 12.70)	3290 (520 - 3690)	3.65
	35 + 42 + 50	2.76 + 3.31 + 3.94	10.00 (2.70 - 12.50)	3800 (510 - 4200)	2.63	3.23 + 3.90 + 4.88	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	35 + 42 + 60	2.55 + 3.07 + 4.38	10.00 (2.70 - 12.50)	3900 (510 - 4200)	2.56	3.04 + 3.67 + 5.29	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	35 + 50 + 50	2.59 + 3.70 + 3.70	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	2.98 + 4.51 + 4.51	12.00 (2.90 - 12.70)	3490 (520 - 3890)	3.44
	35 + 50 + 60	2.41 + 3.45 + 4.14	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	2.82 + 4.26 + 4.92	12.00 (2.90 - 12.70)	3690 (520 - 4000)	3.25
	35 + 60 + 60	2.26 + 3.87 + 3.87	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	2.67 + 4.66 + 4.66	12.00 (2.90 - 12.70)	3690 (520 - 4000)	3.25
	42 + 42 + 42	3.33 + 3.33 + 3.33	10.00 (2.70 - 11.00)	3750 (510 - 4500)	2.67	4.00 + 4.00 + 4.00	12.00 (2.90 - 12.70)	3690 (520 - 4000)	3.25
	42 + 42 + 50	3.13 + 3.13 + 3.73	10.00 (2.70 - 12.50)	4000 (510 - 4500)	2.50	3.69 + 3.69 + 4.62	12.00 (2.90 - 12.70)	3890 (520 - 4200)	3.08
	42 + 42 + 60	2.92 + 2.92 + 4.17	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	3.49 + 3.49 + 5.03	12.00 (2.90 - 12.70)	3890 (520 - 4200)	3.08
	42 + 50 + 50	2.96 + 3.52 + 3.52	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	3.43 + 4.29 + 4.29	12.00 (2.90 - 12.70)	3890 (520 - 4200)	3.08
	42 + 50 + 60	2.76 + 3.29 + 3.95	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	3.25 + 4.06 + 4.69	12.00 (2.90 - 12.70)	4190 (520 - 4500)	2.86
	50 + 50 + 50	3.33 + 3.33 + 3.33	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	4.00 + 4.00 + 4.00	12.00 (2.90 - 12.70)	4190 (520 - 4500)	2.86
	50 + 50 + 60	3.13 + 3.13 + 3.75	10.00 (2.70 - 12.50)	4100 (510 - 4500)	2.44	3.80 + 3.80 + 4.39	12.00 (2.90 - 12.70)	4190 (520 - 4500)	2.86
4 units	15 + 15 + 15 + 15	1.50 + 1.50 + 1.50 + 1.50	6.00 (2.900 - 6.40)	1680 (550 - 1620)	3.57	2.00 + 2.00 + 2.00 + 2.00	8.00 (3.00 - 8.70)	2000 (540 - 2652)	4.00
	15 + 15 + 15 + 18	1.50 + 1.50 + 1.50 + 1.80	6.30 (2.900 - 6.80)	1780 (550 - 1776)	3.54	2.00 + 2.00 + 2.00 + 2.50	8.50 (3.00 - 9.20)	2200 (540 - 2760)	3.86
	15 + 15 + 15 + 25	1.50 + 1.50 + 1.50 + 2.50	7.00 (2.90 - 7.60)	1780 (550 - 2136)	3.93	2.00 + 2.00 + 2.00 + 3.40	9.40 (3.00 - 10.10)	2390 (540 - 3036)	3.93
	15 + 15 + 15 + 35	1.50 + 1.50 + 1.50 + 3.50	8.00 (2.90 - 8.70)	2500 (550 - 4000)	3.20	2.00 + 2.00 + 2.00 + 4.30	10.30 (3.00 - 11.00)	2750 (540 - 3468)	3.75
	15 + 15 + 15 + 42	1.50 + 1.50 + 1.50 + 4.20	8.70 (2.90 - 9.00)	2600 (550 - 4000)	3.35	2.00 + 2.00 + 2.00 + 5.20	11.20 (3.00 - 11.90)	2850 (540 - 3360)	3.93
	15 + 15 + 15 + 50	1.50 + 1.50 + 1.50 + 5.00	9.50 (2.90 - 10.30)	2650 (550 - 4000)	3.58	1.92 + 1.92 + 1.92 + 6.24	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 15 + 15 + 60	1.43 + 1.43 + 1.43 + 5.71	10.00 (2.90 - 10.86)	2650 (550 - 4000)	3.77	1.78 + 1.78 + 1.78 + 6.67	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 15 + 18 + 18	1.50 + 1.50 + 1.80 + 1.80	6.60 (2.90 - 7.20)	1850 (550 - 2100)	3.57	2.00 + 2.00 + 2.50 + 2.50	9.00 (3.00 - 9.70)	2380 (540 - 4000)	3.78
	15 + 15 + 18 + 25	1.50 + 1.50 + 1.80 + 2.50	7.30 (2.90 - 8.00)	2050 (550 - 2220	3.56	2.00 + 2.00 + 2.50 + 3.40	9.90 (3.00 - 10.60)	2530 (540 - 4000)	3.91
	15 + 15 + 18 + 35	1.50 + 1.50 + 1.80 + 3.50	8.30 (2.90 - 9.10)	2350 (550 - 3120)	3.53	2.00 + 2.00 + 2.50 + 4.30	10.80 (3.00 - 11.50)	2680 (540 - 4000)	4.03
	15 + 15 + 18 + 42	1.50 + 1.50 + 1.80 + 4.20	9.00 (2.90 - 9.40)	2350 (550 - 3120)	3.83	2.00 + 2.00 + 2.50 + 5.20	11.70 (3.00 - 12.40)	2780 (540 - 4000)	4.21
	15 + 15 + 18 + 50	1.50 + 1.50 + 1.80 + 5.00	9.80 (2.90 - 10.70)	2800 (550 - 3510)	3.50	1.85 + 1.85 + 2.31 + 6.00	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	15 + 15 + 18 + 60	1.39 + 1.39 + 1.67 + 5.56	10.00 (2.90 - 10.93)	2800 (550 - 3510)	3.57	1.71 + 1.71 + 2.14 + 6.43	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	15 + 15 + 25 + 25	1.50 + 1.50 + 2.50 + 2.50	8.00 (2.90 - 8.80)	2150 (550 - 2580)	3.72	2.00 + 2.00 + 3.40 + 3.40	10.80 (3.00 - 11.50)	2480 (540 - 4000)	4.35
	15 + 15 + 25 + 35	1.50 + 1.50 + 2.50 + 3.50	9.00 (2.90 - 9.90)	2600 (550 - 3120)	3.46	2.00 + 2.00 + 3.40 + 4.30	11.70 (3.00 - 12.40)	2890 (540 - 4000)	4.05
	15 + 15 + 25 + 42	1.50 + 1.50 + 2.50 + 4.20	9.70 (2.90 - 10.20)	2800 (550 - 3510)	3.46	1.90 + 1.90 + 3.24 + 4.95	12.00 (3.00 - 12.70)	2890 (540 - 4000)	4.15
	15 + 15 + 25 + 50	1.43 + 1.43 + 2.38 + 4.76	10.00 (2.90 - 10.56)	3000 (550 - 3510)	3.33	1.73 + 1.73 + 2.94 + 5.61	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	15 + 15 + 25 + 60	1.30 + 1.30 + 2.17 + 5.22	10.00 (2.90 - 12.50)	3000 (550 - 3510)	3.33	1.61 + 1.61 + 2.74 + 6.04	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	15 + 15 + 35 + 35	1.50 + 1.50 + 3.50 + 3.50	10.00 (2.90 - 10.56)	3000 (550 - 3510)	3.33	1.90 + 1.90 + 4.10 + 4.10	12.00 (3.00 - 12.70)	2990 (540 - 4000)	4.01
	15 + 15 + 35 + 42	1.40 + 1.40 + 3.27 + 3.93	10.00 (2.90 - 10.56)	3150 (550 - 3510)	3.17	1.78 + 1.78 + 3.82 + 4.62	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 15 + 35 + 50	1.30 + 1.30 + 3.04 + 4.35	10.00 (2.90 - 12.50)	3300 (550 - 3710)	3.03	1.62 + 1.62 + 3.49 + 5.27	12.00 (3.00 - 12.70)	3390 (540 - 4000)	3.54
	15 + 15 + 35 + 60	1.20 + 1.20 + 2.80 + 4.80	10.00 (2.90 - 10.96)	3300 (550 - 3710)	3.03	1.52 + 1.52 + 3.27 + 5.70	12.00 (3.00 - 12.70)	3390 (540 - 4000)	3.54
	15 + 15 + 42 + 42	1.32 + 1.32 + 3.68 + 3.68	10.00 (2.90 - 10.96)	3300 (550 - 4000)	3.03	1.67 + 1.67 + 4.33 + 4.33	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	15 + 15 + 42 + 50	1.23 + 1.23 + 3.44 + 4.10	10.00 (2.90 - 11.56)	3400 (550 - 4000)	2.94	1.53 + 1.53 + 3.97 + 4.97	12.00 (3.00 - 12.70)	3490 (540 - 4500)	3.44
	15 + 15 + 42 + 60	1.14 + 1.14 + 3.18 + 4.55	10.00 (2.90 - 11.56)	3400 (550 - 4000)	2.94	1.44 + 1.44 + 3.74 + 5.39	12.00 (3.00 - 12.70)	3490 (540 - 4500)	3.44
	15 + 15 + 50 + 50	1.15 + 1.15 + 3.85 + 3.85	10.00 (2.90 - 12.00)	3500 (550 - 4000)	2.86	1.41 + 1.41 + 4.59 + 4.59	12.00 (3.00 - 12.70)	3490 (540 - 4500)	3.44
	15 + 15 + 50 + 60	1.07 + 1.07 + 3.57 + 4.29	10.00 (2.90 - 12.50)	3610 (550 - 4000)	2.77	1.33 + 1.33 + 4.33 + 5.00	12.00 (3.00 - 12.70)	3490 (540 - 4500)	3.44
	15 + 18 + 18 + 18	1.50 + 1.80 + 1.80 + 1.80	6.90 (2.90 - 7.60)	2140 (550 - 2568)	3.22	2.00 + 2.50 + 2.50 + 2.50	9.50 (3.00 - 10.20)	2750 (540 - 4000)	3.45
	15 + 18 + 18 + 25	1.50 + 1.80 + 1.80 + 2.50	7.60 (2.90 - 8.40)	2140 (550 - 2568)	3.55	2.00 + 2.50 + 2.50 + 3.40	10.40 (3.00 - 11.10)	2750 (540 - 4000)	3.78
	15 + 18 + 18 + 35	1.50 + 1.80 + 1.80 + 3.50	8.60 (2.90 - 9.50)	2240 (550 - 3060)	3.84	2.00 + 2.50 + 2.50 + 4.30	11.30 (3.00 - 12.00)	2750 (540 - 4000)	4.11
	15 + 18 + 18 + 42	1.50 + 1.80 + 1.80 + 4.20	9.30 (2.90 - 9.80)	2550 (550 - 3120)	3.65	1.97 + 2.46 + 2.46 + 5.11	12.00 (3.00 - 12.70)	2890 (540 - 4000)	4.15
	15 + 18 + 18 + 50	1.49 + 1.78 + 1.78 + 4.95	10.00 (2.90 - 10.99)	2800 (550 - 3120)	3.57	1.78 + 2.22 + 2.22 + 5.78	12.00 (3.00 - 12.70)	3390 (540 - 4500)	3.54
	15 + 18 + 18 + 60	1.35 + 1.62 + 1.62 + 5.41	10.00 (2.90 - 10.99)	2800 (550 - 3120)	3.57	1.66 + 2.07 + 2.07 + 6.21	12.00 (3.00 - 12.70)	3390 (540 - 4500)	3.54
	15 + 18 + 25 + 25	1.50 + 1.80 + 2.50 + 2.50	8.30 (2.90 - 9.20)	2240 (550 - 3120)	3.71	2.00 + 2.50 + 3.40 + 3.40	11.30 (3.00 - 12.00)	2890 (540 - 4000)	3.91

Indoor unit combinations

Standard multi-splits

RAM-110NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
4 units	15 + 18 + 25 + 35	1.50 + 1.80 + 2.50 + 3.50	9.30 (2.90 - 10.30)	2550 (550 - 3120)	3.65	1.97 + 2.46 + 3.34 + 4.23	12.00 (3.00 - 12.70)	2990 (540 - 4000)	4.01
	15 + 18 + 25 + 42	1.50 + 1.80 + 2.50 + 4.20	10.00 (2.90 - 10.60)	2800 (550 - 3120)	3.57	1.83 + 2.29 + 3.11 + 4.76	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 18 + 25 + 50	1.39 + 1.67 + 2.31 + 4.63	10.00 (2.90 - 10.56)	2800 (550 - 3120)	3.57	1.67 + 2.08 + 2.83 + 5.42	12.00 (3.00 - 12.70)	3490 (540 - 4000)	3.44
	15 + 18 + 25 + 60	1.27 + 1.53 + 2.12 + 5.08	10.00 (2.90 - 10.80)	3150 (550 - 3700)	3.17	1.56 + 1.95 + 2.65 + 5.84	12.00 (3.00 - 12.70)	3490 (540 - 4500)	3.44
	15 + 18 + 35 + 35	1.46 + 1.75 + 3.40 + 3.40	10.00 (2.90 - 10.60)	3150 (550 - 3700)	3.17	1.83 + 2.29 + 3.94 + 3.94	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 18 + 35 + 42	1.36 + 1.64 + 3.18 + 3.82	10.00 (2.90 - 10.64)	3150 (550 - 3700)	3.17	1.71 + 2.14 + 3.69 + 4.46	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	15 + 18 + 35 + 50	1.27 + 1.53 + 2.97 + 4.24	10.00 (2.90 - 10.90)	3400 (550 - 4000)	2.94	1.57 + 1.96 + 3.37 + 5.10	12.00 (3.00 - 12.70)	3560 (540 - 4500)	3.37
	15 + 18 + 35 + 60	1.17 + 1.41 + 2.73 + 4.69	10.00 (2.90 - 11.00)	3400 (550 - 4000)	2.94	1.47 + 1.84 + 3.17 + 5.52	12.00 (3.00 - 12.70)	3560 (540 - 4500)	3.37
	15 + 18 + 42 + 42	1.28 + 1.54 + 3.59 + 3.59	10.00 (2.90 - 10.90)	3400 (550 - 4000)	2.94	1.61 + 2.01 + 4.19 + 4.19	12.00 (3.00 - 12.70)	3490 (540 - 4500)	3.44
	15 + 18 + 42 + 50	1.20 + 1.44 + 3.36 + 4.00	10.00 (2.90 - 11.30)	3500 (550 - 4000)	2.86	1.48 + 1.85 + 3.85 + 4.81	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 18 + 42 + 60	1.11 + 1.33 + 3.11 + 4.44	10.00 (2.90 - 11.50)	3500 (550 - 4000)	2.86	1.40 + 1.74 + 3.63 + 5.23	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 18 + 50 + 50	1.13 + 1.35 + 3.76 + 3.76	10.00 (2.90 - 11.30)	3650 (550 - 4000)	2.74	1.37 + 1.71 + 4.46 + 4.46	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 18 + 50 + 60	1.05 + 1.26 + 3.50 + 4.20	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.30 + 1.62 + 4.22 + 4.86	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 18 + 60 + 60	0.98 + 1.18 + 3.92 + 3.92	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.23 + 1.54 + 4.62 + 4.62	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 25 + 25 + 25	1.50 + 2.50 + 2.50 + 2.50	9.00 (2.90 - 10.00)	2600 (550 - 3132)	3.46	1.97 + 3.34 + 3.34 + 3.34	12.00 (3.00 - 12.70)	2990 (540 - 4000)	4.01
	15 + 25 + 25 + 35	1.50 + 2.50 + 2.50 + 3.50	10.00 (2.90 - 11.10)	2800 (550 - 3500)	3.57	1.83 + 3.11 + 3.11 + 3.94	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 25 + 25 + 42	1.40 + 2.34 + 2.34 + 3.93	10.00 (2.90 - 10.65)	3000 (550 - 3500)	3.33	1.71 + 2.91 + 2.91 + 4.46	12.00 (3.00 - 12.70)	3390 (540 - 4500)	3.54
	15 + 25 + 25 + 50	1.30 + 2.17 + 2.17 + 4.35	10.00 (2.90 - 10.80)	3160 (550 - 3500)	3.16	1.57 + 2.67 + 2.67 + 5.10	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 25 + 25 + 60	1.20 + 2.00 + 2.00 + 4.8	10.00 (2.90 - 10.90)	3160 (550 - 3500)	3.16	1.47 + 2.50 + 2.50 + 5.52	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 25 + 35 + 35	1.36 + 2.27 + 3.18 + 3.18	10.00 (2.90 - 10.50)	3000 (550 - 3500)	3.33	1.71 + 2.91 + 3.69 + 3.69	12.00 (3.00 - 12.70)	3090 (540 - 4000)	3.88
	15 + 25 + 35 + 42	1.28 + 2.14 + 2.99 + 3.59	10.00 (2.90 - 10.68)	3210 (550 - 3700)	3.12	1.61 + 2.74 + 3.46 + 4.19	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 25 + 35 + 50	1.20 + 2.00 + 2.80 + 4.00	10.00 (2.90 - 10.80)	3400 (550 - 3700)	2.94	1.48 + 2.52 + 3.19 + 4.81	12.00 (3.00 - 12.70)	3650 (540 - 4500)	3.29
	15 + 25 + 35 + 60	1.11 + 1.85 + 2.59 + 4.44	10.00 (2.90 - 10.90)	3400 (550 - 3700)	2.94	1.40 + 2.37 + 3.00 + 5.23	12.00 (3.00 - 12.70)	3650 (540 - 4500)	3.29
	15 + 25 + 42 + 42	1.21 + 2.02 + 3.39 + 3.39	10.00 (2.90 - 10.63)	3200 (550 - 3700)	3.13	1.52 + 2.58 + 3.95 + 3.95	12.00 (3.00 - 12.70)	3590 (540 - 4500)	3.34
	15 + 25 + 42 + 50	1.14 + 1.89 + 3.18 + 3.79	10.00 (2.90 - 10.90)	3610 (550 - 4500)	2.77	1.40 + 2.39 + 3.65 + 4.56	12.00 (3.00 - 12.70)	3650 (540 - 4500)	3.29
	15 + 25 + 42 + 60	1.06 + 1.76 + 2.96 + 4.23	10.00 (2.90 - 11.20)	3720 (550 - 4500)	2.69	1.33 + 2.25 + 3.45 + 4.97	12.00 (3.00 - 12.70)	3650 (540 - 4500)	3.29
	15 + 25 + 50 + 50	1.07 + 1.79 + 3.57 + 3.57	10.00 (2.90 - 11.50)	3800 (550 - 4500)	2.63	1.30 + 2.22 + 4.24 + 4.24	12.00 (3.00 - 12.70)	3650 (540 - 4500)	3.29
	15 + 25 + 50 + 60	1.00 + 1.67 + 3.33 + 4.00	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.24 + 2.10 + 4.02 + 4.64	12.00 (3.00 - 12.70)	3650 (540 - 4500)	3.29
	15 + 35 + 35 + 35	1.25 + 2.92 + 2.92 + 2.92	10.00 (2.90 - 12.50)	3350 (550 - 3700)	2.99	1.61 + 3.46 + 3.46 + 3.46	12.00 (3.00 - 12.70)	3190 (540 - 4000)	3.76
	15 + 35 + 35 + 42	1.18 + 2.76 + 2.76 + 3.31	10.00 (2.90 - 12.50)	3350 (550 - 3700)	2.99	1.52 + 3.27 + 3.27 + 3.95	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	15 + 35 + 35 + 50	1.11 + 2.59 + 2.59 + 3.70	10.00 (2.90 - 12.50)	3800 (550 - 4500)	2.63	1.40 + 3.02 + 3.02 + 4.56	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	15 + 35 + 35 + 60	1.03 + 2.41 + 2.41 + 4.14	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.33 + 2.85 + 2.85 + 4.97	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	15 + 35 + 42 + 42	1.12 + 2.61 + 3.13 + 3.13	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.44 + 3.09 + 3.74 + 3.74	12.00 (3.00 - 12.70)	3490 (540 - 4500)	3.44
	15 + 35 + 42 + 50	1.06 + 2.46 + 2.96 + 3.52	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.33 + 2.87 + 3.47 + 4.33	12.00 (3.00 - 12.70)	3790 (540 - 4500)	3.17
	15 + 35 + 42 + 60	0.99 + 2.3 + 2.76 + 3.95	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.26 + 2.72 + 3.28 + 4.74	12.00 (3.00 - 12.70)	3790 (540 - 4500)	3.17
	15 + 35 + 50 + 50	1.00 + 2.33 + 3.33 + 3.33	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.24 + 2.67 + 4.04 + 4.04	12.00 (3.00 - 12.70)	3890 (540 - 4500)	3.08
	15 + 35 + 50 + 60	0.94 + 2.19 + 3.13 + 3.75	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.18 + 2.54 + 3.84 + 4.43	12.00 (3.00 - 12.70)	3890 (540 - 4500)	3.08
	15 + 42 + 42 + 42	1.06 + 2.98 + 2.98 + 2.98	10.00 (2.90 - 12.50)	3800 (550 - 4500)	2.63	1.36 + 3.55 + 3.55 + 3.55	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	15 + 42 + 42 + 50	1.01 + 2.82 + 2.82 + 3.36	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.27 + 3.30 + 3.30 + 4.13	12.00 (3.00 - 12.70)	3890 (540 - 4500)	3.08
	15 + 42 + 42 + 60	0.94 + 2.64 + 2.64 + 3.77	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.21 + 3.14 + 3.14 + 4.52	12.00 (3.00 - 12.70)	3890 (540 - 4500)	3.08
	15 + 42 + 50 + 50	0.96 + 2.68 + 3.18 + 3.18	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.19 + 3.09 + 3.86 + 3.86	12.00 (3.00 - 12.70)	3990 (540 - 4000)	3.01
	18 + 18 + 18 + 18	1.80 + 1.80 + 1.80 + 1.80	7.20 (2.90 - 8.00)	2330 (550 - 3120)	3.09	2.50 + 2.50 + 2.50 + 2.50	10.00 (3.00 - 10.70)	2850 (540 - 4000)	3.51
	18 + 18 + 18 + 25	1.80 + 1.80 + 1.80 + 2.50	7.90 (2.90 - 8.80)	2380 (550 - 3120)	3.32	2.50 + 2.50 + 2.50 + 3.40	10.90 (3.00 - 11.60)	2950 (540 - 4000)	3.69
	18 + 18 + 18 + 35	1.80 + 1.80 + 1.80 + 3.50	8.90 (2.90 - 9.90)	2630 (550 - 3120)	3.38	2.50 + 2.50 + 2.50 + 4.30	11.80 (3.00 - 12.50)	2950 (540 - 4000)	4.00
	18 + 18 + 18 + 42	1.80 + 1.80 + 1.80 + 4.20	9.60 (2.90 - 10.20)	2640 (550 - 3460)	3.64	2.36 + 2.36 + 2.36 + 4.91	12.00 (3.00 - 12.70)	3050 (540 - 4000)	3.93
	18 + 18 + 18 + 50	1.73 + 1.73 + 1.73 + 4.81	10.00 (2.90 - 11.06)	2900 (550 - 3460)	3.45	2.14 + 2.14 + 2.14 + 5.57	12.00 (3.00 - 12.70)	3430 (540 - 4000)	3.50
	18 + 18 + 18 + 60	1.58 + 1.58 + 1.58 + 5.26	10.00 (2.90 - 12.50)	3000 (550 - 3460)	3.33	2.00 + 2.00 + 2.00 + 6.00	12.00 (3.00 - 12.70)	3430 (540 - 4000)	3.50
	18 + 18 + 25 + 25	1.80 + 1.80 + 2.50 + 2.50	8.60 (2.90 - 9.60)	2690 (550 - 3040)	3.20	2.50 + 2.50 + 3.40 + 3.40	12.00 (3.00 - 12.70)	2950 (540 - 4000)	4.00
	18 + 18 + 25 + 35	1.80 + 1.80 + 2.50 + 3.50	9.60 (2.90 - 10.10)	2690 (550 - 3460)	3.57	2.36 + 2.36 + 3.21 + 4.06	12.00 (3.00 - 12.70)	3050 (540 - 4000)	3.93
	18 + 18 + 25 + 42	1.75 + 1.75 + 2.43 + 4.08	10.00 (2.90 - 10.68)	2850 (550 - 3460)	3.51	2.21 + 2.21 + 3.00 + 4.59	12.00 (3.00 - 12.70)	3150 (540 - 4000)	3.81
	18 + 18 + 25 + 50	1.62 + 1.62 + 2.25 + 4.5	10.00 (2.90 - 11.15)	3000 (550 - 3460)	3.33	2.01 + 2.01 + 2.74 + 5.23	12.00 (3.00 - 12.70)	3490 (540 - 4000)	3.44
	18 + 18 + 25 + 60	1.49 + 1.49 + 2.07 + 4.96	10.00 (2.90 - 11.60)	3000 (550 - 3460)	3.33	1.89 + 1.89 + 2.57 + 5.66	12.00 (3.00 - 12.70)	3490 (540 - 4000)	3.44
	18 + 18 + 35 + 35	1.70 + 1.70 + 3.30 + 3.30	10.00 (2.90 - 10.60)	2900 (550 - 3460)	3.45	2.21 + 2.21 + 3.79 + 3.79	12.00 (3.00 - 12.70)	3130 (540 - 4000)	3.83
	18 + 18 + 35 + 42	1.59 + 1.59 + 3.10 + 3.72	10.00 (2.90 - 10.99)	3000 (550 - 3460)	3.33	2.07 + 2.07 + 3.56 + 4.30	12.00 (3.00 - 12.70)	3180 (540 - 4000)	3.77
	18 + 18 + 35 + 50	1.49 + 1.49 + 2.89 + 4.13	10.00 (2.90 - 11.50)	3200 (550 - 3700)	3.13	1.90 + 1.90 + 3.27 + 4.94	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	18 + 18 + 35 + 60	1.37 + 1.37 + 2.67 + 4.58	10.00 (2.90 - 12.00)	3200 (550 - 3700)	3.13	1.79 + 1.79 + 3.07 + 5.36	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	18 + 18 + 42 + 42	1.50 + 1.50 + 3.50 + 3.50	10.00 (2.90 - 10.33)	3200 (550 - 3700)	3.13	1.95 + 1.95 + 4.05 + 4.05	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	18 + 18 + 42 + 50	1.41 + 1.41 + 3.28 + 3.91	10.00 (2.90 - 10.80)	3500 (550 - 4000)	2.86	1.80 + 1.80 + 3.74 + 4.67	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	18 + 18 + 42 + 60	1.30 + 1.30 + 3.04 + 4.35	10.00 (2.90 - 11.30)	3500 (550 - 4000)	2.86	1.69 + 1.69 + 3.53 + 5.08	12.00 (3.00 - 12.70)	3690 (540 - 4500)	3.25
	18 + 18 + 50 + 50	1.32 + 1.32 + 3.68 + 3.68	10.00 (2.90 - 11.20)	3680 (550 - 4000)	2.72	1.67 + 1.67 + 4.33 + 4.33	12.00 (3.00 - 12.70)	3790 (540 - 4500)	3.17
	18 + 18 + 50 + 60	1.23 + 1.23 + 3.42 + 4.11	10.00 (2.90 - 11.60)	3680 (550 - 4000)	2.72	1.58 + 1.58 + 4.11 + 4.74	12.00 (3.00 - 12.70)	3790 (540 - 4500)	3.17
	18 + 18 + 60 + 60	1.23 + 1.23 + 4.11 + 4.11	10.00 (2.90 - 12.00)	3780 (550 - 4000)	2.65	1.50 + 1.50 + 4.50 + 4.50	12.00 (3.00 - 12.70)	3790 (540 - 4500)	3.17
	18 + 25 + 25 + 25	1.80 + 2.50 + 2.50 + 2.50	9.30 (2.90 - 10.40)	2600 (550 - 3460)	3.58	2.36 + 3.21 + 3.21 + 3.21	12.00 (3.00 - 12.70)	3050 (540 - 4000)	3.93
	18 + 25 + 25 + 35	1.75 + 2.43 + 2.43 + 3.40	10.00 (2.90 - 10.99)	2740 (550 - 3460)	3.65	2.21 + 3.00 + 3.00 + 3.79	12.00 (3.00 - 12.70)	3150 (540 - 4000)	3.81
	18 + 25 + 25 + 42	1.64 + 2.27 + 2.27 + 3.82	10.00 (2.90 - 11.30)	2900 (550 - 3460)	3.45	2.07 + 2.81 + 2.81 + 4.30	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	18 + 25 + 25 + 50	1.53 + 2.12 + 2.12 + 4.24	10.00 (2.90 - 11.80)	3000 (550 - 3460)	3.33	1.90 + 2.58 + 2.58 + 4.94	12.00 (3.00 - 12.70)	3530 (540 - 4000)	3.40
	18 + 25 + 25 + 60	1.41 + 1.95 + 1.95 + 4.69	10.00 (2.90 - 12.30)	3100 (550 - 3460)	3.23	1.79 + 2.43 + 2.43 + 5.36	12.00 (3.00 - 12.70)	3530 (540 - 4000)	3.40
	18 + 25 + 35 + 35	1.59 + 2.21 + 3.10 + 3.10	10.00 (2.90 - 10.99)	3000 (550 - 3460)	3.33	2.07 + 2.81 + 3.56 + 3.56	12.00 (3.00 - 12.70)	3180 (540 - 4000)	3.77
	18 + 25 + 35 + 42	1.50 + 2.08 + 2.92 + 3.50	10.00 (2.90 - 11.30)	3100 (550 - 3460)	3.23	1.95 + 2.65 + 3.35 + 4.05	12.00 (3.00 - 12.70)	3280 (540 - 4000)	3.66
	18 + 25 + 35 + 50	1.41 + 1.95 + 2.73 + 3.91	10.00 (2.90 - 11.80)	3380 (550 - 4000)	2.96	1.80 + 2.44 + 3.09 + 4.67	12.00 (3.00 - 12.70)	3790 (540 - 4500)	3.17
	18 + 25 + 35 + 60	1.30 + 1.81 + 2.54 + 4.35	10.00 (2.90 - 12.30)	3550 (550 - 4000)	2.82	1.69 + 2.31 + 2.92 + 5.08	12.00 (3.00 - 12.70)	3790 (540 - 4500)	3.17
	18 + 25 + 42 + 42	1.42 + 1.97 + 3.31 + 3.31	10.00 (2.90 - 11.30)	3200 (550 - 3860)	3.13	1.84 + 2.50 + 3.83 + 3.83	12.00 (3.00 - 12.70)	3750 (540 - 4500)	3.20
	18 + 25 + 42 + 50	1.33 + 1.85 + 3.11 + 3.70	10.00 (2.90 - 11.80)	3690 (550 - 4000)	2.71	1.70 + 2.32 + 3.55 + 4.43	12.00 (3.00 - 12.70)	3750 (540 - 4500)	3.20
	18 + 25 + 42 + 60	1.24 + 1.72 + 2.90 + 4.14	10.00 (2.90 - 12.30)	3800 (550 - 4500)	2.63	1.61 + 2.19 + 3.35 + 4.84	12.00 (3.00 - 12.70)	3680 (540 - 4500)	3.26
	18 + 25 + 50 + 50	1.26 + 1.75 + 3.50 + 3.50	10.00 (2.90 - 12.00)	3980 (550 - 4500)	2.51	1.59 + 2.16 + 4.13 + 4.13	12.00 (3.00 - 12.70)	3680 (540 - 4500)	3.26

RAM-110NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
4 units	18 + 25 + 50 + 60	1.18 + 1.63 + 3.27 + 3.92	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.51 + 2.05 + 3.92 + 4.52	12.00 (3.00 - 12.70)	3890 (540 - 4500)	3.08
	18 + 25 + 60 + 60	1.10 + 1.53 + 3.68 + 3.68	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.44 + 1.95 + 4.31 + 4.31	12.00 (3.00 - 12.70)	3890 (540 - 4500)	3.08
	18 + 35 + 35 + 35	1.46 + 2.85 + 2.85 + 2.85	10.00 (2.90 - 10.90)	3500 (550 - 4000)	2.86	1.95 + 3.35 + 3.35 + 3.35	12.00 (3.00 - 12.70)	3280 (540 - 4000)	3.66
	18 + 35 + 35 + 42	1.38 + 2.69 + 2.69 + 3.23	10.00 (2.90 - 11.20)	3620 (550 - 4500)	2.76	1.84 + 3.17 + 3.17 + 3.83	12.00 (3.00 - 12.70)	3350 (540 - 4000)	3.58
	18 + 35 + 35 + 50	1.30 + 2.54 + 2.54 + 3.62	10.00 (2.90 - 11.70)	3800 (550 - 4500)	2.63	1.70 + 2.93 + 2.93 + 4.43	12.00 (3.00 - 12.70)	3850 (540 - 4000)	3.12
	18 + 35 + 35 + 60	1.22 + 2.36 + 2.36 + 4.05	10.00 (2.90 - 12.30)	3800 (550 - 4500)	2.63	1.61 + 2.77 + 2.77 + 4.84	12.00 (3.00 - 12.70)	3850 (540 - 4000)	3.12
	18 + 35 + 42 + 42	1.31 + 2.55 + 3.07 + 3.07	10.00 (2.90 - 11.50)	3600 (550 - 4500)	2.78	1.74 + 3.00 + 3.63 + 3.63	12.00 (3.00 - 12.70)	2630 (540 - 4000)	4.56
	18 + 35 + 42 + 50	1.24 + 2.41 + 2.90 + 3.45	10.00 (2.90 - 12.00)	3900 (550 - 4500)	2.56	1.62 + 2.79 + 3.37 + 4.22	12.00 (3.00 - 12.70)	3850 (540 - 5000)	3.12
	18 + 35 + 42 + 60	1.16 + 2.26 + 2.71 + 3.87	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.54 + 2.65 + 3.20 + 4.62	12.00 (3.00 - 12.70)	3850 (540 - 5000)	3.12
	18 + 35 + 50 + 50	1.18 + 2.29 + 3.27 + 3.27	10.00 (2.90 - 12.30)	4000 (550 - 4500)	2.50	1.52 + 2.61 + 3.94 + 3.94	12.00 (3.00 - 12.70)	4000 (540 - 5000)	3.00
	18 + 35 + 50 + 60	1.10 + 2.15 + 3.07 + 3.68	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.44 + 2.48 + 3.75 + 4.33	12.00 (3.00 - 12.70)	4000 (540 - 5000)	3.00
	18 + 42 + 42 + 42	1.25 + 2.92 + 2.92 + 2.92	10.00 (2.90 - 12.00)	3850 (550 - 4500)	2.60	1.66 + 3.45 + 3.45 + 3.45	12.00 (3.00 - 12.70)	4000 (540 - 5000)	3.00
	18 + 42 + 42 + 50	1.18 + 2.76 + 2.76 + 3.29	10.00 (2.90 - 12.30)	4000 (550 - 4500)	2.50	1.55 + 3.22 + 3.22 + 4.02	12.00 (3.00 - 12.70)	4100 (540 - 5000)	2.93
	18 + 42 + 42 + 60	1.11 + 2.59 + 2.59 + 3.70	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.47 + 3.06 + 3.06 + 4.41	12.00 (3.00 - 12.70)	4100 (540 - 5000)	2.93
	18 + 42 + 50 + 50	1.11 + 2.59 + 3.09 + 3.09	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.45 + 3.01 + 3.77 + 3.77	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 25 + 25 + 25	2.50 + 2.50 + 2.50 + 2.50	10.00 (2.90 - 11.00)	2800 (550 - 3460)	3.57	3.00 + 3.00 + 3.00 + 3.00	12.00 (3.00 - 12.70)	3150 (540 - 4000)	3.81
	25 + 25 + 25 + 35	2.27 + 2.27 + 2.27 + 3.18	10.00 (2.90 - 11.50)	3000 (550 - 3700)	3.33	2.81 + 2.81 + 2.81 + 3.56	12.00 (3.00 - 12.70)	3290 (540 - 4000)	3.65
	25 + 25 + 25 + 42	2.14 + 2.14 + 2.14 + 3.59	10.00 (2.90 - 11.80)	3150 (550 - 3700)	3.17	2.65 + 2.65 + 2.65 + 4.05	12.00 (3.00 - 12.70)	3690 (540 - 5000)	3.25
	25 + 25 + 25 + 50	2.00 + 2.00 + 2.00 + 4.00	10.00 (2.90 - 12.30)	3450 (550 - 4000)	2.90	2.44 + 2.44 + 2.44 + 4.67	12.00 (3.00 - 12.70)	3790 (540 - 5000)	3.17
	25 + 25 + 25 + 60	1.85 + 1.85 + 1.85 + 4.44	10.00 (2.90 - 12.50)	3500 (550 - 4000)	2.86	2.31 + 2.31 + 2.31 + 5.08	12.00 (3.00 - 12.70)	3790 (540 - 5000)	3.17
	25 + 25 + 35 + 35	2.08 + 2.08 + 2.92 + 2.92	10.00 (2.90 - 11.90)	3200 (550 - 3700)	3.13	2.65 + 2.65 + 3.35 + 3.35	12.00 (3.00 - 12.70)	3490 (540 - 5000)	3.44
	25 + 25 + 35 + 42	1.97 + 1.97 + 2.76 + 3.31	10.00 (2.90 - 12.20)	3400 (550 - 4000)	2.94	2.50 + 2.50 + 3.17 + 3.83	12.00 (3.00 - 12.70)	3790 (540 - 5000)	3.17
	25 + 25 + 35 + 50	1.85 + 1.85 + 2.59 + 3.70	10.00 (2.90 - 12.60)	3600 (550 - 4500)	2.78	2.32 + 2.32 + 2.93 + 4.43	12.00 (3.00 - 12.70)	4000 (540 - 5000)	3.00
	25 + 25 + 35 + 60	1.72 + 1.72 + 2.41 + 4.14	10.00 (2.90 - 12.50)	3800 (550 - 4500)	2.63	2.19 + 2.19 + 2.77 + 4.84	12.00 (3.00 - 12.70)	4000 (540 - 5000)	3.00
	25 + 25 + 42 + 42	1.87 + 1.87 + 3.13 + 3.13	10.00 (2.90 - 12.50)	3600 (550 - 4500)	2.78	2.37 + 2.37 + 3.63 + 3.63	12.00 (3.00 - 12.70)	4000 (540 - 5000)	3.00
	25 + 25 + 42 + 50	1.76 + 1.76 + 2.96 + 3.52	10.00 (2.90 - 12.50)	3700 (550 - 4500)	2.70	2.21 + 2.21 + 3.37 + 4.22	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 25 + 42 + 60	1.64 + 1.64 + 2.76 + 3.95	10.00 (2.90 - 12.50)	3980 (550 - 4500)	2.51	2.09 + 2.09 + 3.20 + 4.62	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 25 + 50 + 50	1.67 + 1.67 + 3.33 + 3.33	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.06 + 2.06 + 3.94 + 3.94	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 25 + 50 + 60	1.56 + 1.56 + 3.13 + 3.75	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.96 + 1.96 + 3.75 + 4.33	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 35 + 35 + 35	1.92 + 2.69 + 2.69 + 2.69	10.00 (2.90 - 12.23)	3520 (550 - 4500)	2.84	2.50 + 3.17 + 3.17 + 3.17	12.00 (3.00 - 12.70)	3890 (540 - 5000)	3.08
	25 + 35 + 35 + 42	1.82 + 2.55 + 2.55 + 3.07	10.00 (2.90 - 12.50)	3630 (550 - 4500)	2.75	2.37 + 3.00 + 3.00 + 3.63	12.00 (3.00 - 12.70)	4000 (540 - 5000)	3.00
	25 + 35 + 35 + 50	1.72 + 2.41 + 2.41 + 3.45	10.00 (2.90 - 12.50)	3920 (550 - 4500)	2.55	2.21 + 2.79 + 2.79 + 4.22	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 35 + 35 + 60	1.61 + 2.26 + 2.26 + 3.87	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.09 + 2.65 + 2.65 + 4.62	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 35 + 42 + 42	1.74 + 2.43 + 2.92 + 2.92	10.00 (2.90 - 12.50)	3820 (550 - 4500)	2.62	2.25 + 2.85 + 3.45 + 3.45	12.00 (3.00 - 12.70)	4100 (540 - 5000)	2.93
	25 + 35 + 42 + 50	1.64 + 2.30 + 2.76 + 3.29	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.10 + 2.66 + 3.22 + 4.02	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 35 + 42 + 60	1.54 + 2.16 + 2.59 + 3.70	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.00 + 2.53 + 3.06 + 4.41	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	25 + 35 + 50 + 50	1.56 + 2.19 + 3.13 + 3.13	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.97 + 2.49 + 3.77 + 3.77	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	35 + 35 + 35 + 35	2.50 + 2.50 + 2.50 + 2.50	10.00 (2.90 - 12.50)	3800 (550 - 4500)	2.63	3.00 + 3.00 + 3.00 + 3.00	12.00 (3.00 - 12.70)	4200 (540 - 5000)	2.86
	35 + 35 + 35 + 42	2.38 + 2.38 + 2.38 + 2.86	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.85 + 2.85 + 2.85 + 3.45	12.00 (3.00 - 12.70)	4300 (540 - 5000)	2.79
	35 + 35 + 35 + 50	2.26 + 2.26 + 2.26 + 3.23	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.66 + 2.66 + 2.66 + 4.02	12.00 (3.00 - 12.70)	4500 (540 - 5000)	2.67
	35 + 35 + 35 + 60	2.12 + 2.12 + 2.12 + 3.64	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.53 + 2.53 + 2.53 + 4.41	12.00 (3.00 - 12.70)	4500 (540 - 5000)	2.67
	35 + 35 + 42 + 42	2.27 + 2.27 + 2.73 + 2.73	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.72 + 2.72 + 3.28 + 3.28	12.00 (3.00 - 12.70)	4500 (540 - 5000)	2.67
	35 + 35 + 42 + 50	2.16 + 2.16 + 2.59 + 3.09	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	2.54 + 2.54 + 3.07 + 3.84	12.00 (3.00 - 12.70)	4500 (540 - 5000)	2.67
5 units	15 + 15 + 15 + 15 + 15	1.50 + 1.50 + 1.50 + 1.50 + 1.50	7.50 (2.40 - 8.00)	2200 (550 - 2800)	3.41	2.00 + 2.00 + 2.00 + 2.00 + 2.00	10.00 (3.40 - 10.70)	2350 (610 - 2820)	4.26
	15 + 15 + 15 + 15 + 18	1.50 + 1.50 + 1.50 + 1.50 + 1.80	7.80 (2.70 - 8.40)	2280 (550 - 2800)	3.42	2.00 + 2.00 + 2.00 + 2.00 + 2.50	10.50 (3.40 - 11.20)	2450 (610 - 2832)	4.29
	15 + 15 + 15 + 15 + 25	1.50 + 1.50 + 1.50 + 1.50 + 2.50	8.50 (2.90 - 9.20)	2330 (550 - 2800)	3.65	2.00 + 2.00 + 2.00 + 2.00 + 3.40	11.40 (3.40 - 12.10)	2550 (610 - 2880)	4.47
	15 + 15 + 15 + 15 + 35	1.50 + 1.50 + 1.50 + 1.50 + 3.50	9.50 (2.90 - 10.30)	2720 (550 - 3460)	3.49	1.95 + 1.95 + 1.95 + 1.95 + 4.20	12.00 (3.40 - 12.70)	2850 (610 - 4000)	4.21
	15 + 15 + 15 + 15 + 42	1.47 + 1.47 + 1.47 + 1.47 + 4.12	10.00 (2.90 - 10.39)	2930 (550 - 3460)	3.41	1.82 + 1.82 + 1.82 + 1.82 + 4.73	12.00 (3.40 - 12.70)	2950 (610 - 4000)	4.07
	15 + 15 + 15 + 15 + 50	1.36 + 1.36 + 1.36 + 1.36 + 4.55	10.00 (2.90 - 10.82)	3000 (550 - 3460)	3.33	1.66 + 1.66 + 1.66 + 1.66 + 5.38	12.00 (3.40 - 12.70)	3290 (610 - 4000)	3.65
	15 + 15 + 15 + 15 + 60	1.25 + 1.25 + 1.25 + 1.25 + 5.00	10.00 (2.90 - 11.30)	3000 (550 - 3460)	3.33	1.55 + 1.55 + 1.55 + 1.55 + 5.81	12.00 (3.40 - 12.70)	3290 (610 - 4000)	3.65
	15 + 15 + 15 + 18 + 18	1.50 + 1.50 + 1.50 + 1.80 + 1.80	8.10 (2.90 - 8.80)	2150 (550 - 2292)	3.77	2.00 + 2.00 + 2.00 + 2.50 + 2.50	11.00 (3.40 - 11.70)	2480 (610 - 4000)	4.44
	15 + 15 + 15 + 18 + 25	1.50 + 1.50 + 1.50 + 1.80 + 2.50	8.80 (2.90 - 9.60)	2200 (550 - 3460)	4.00	2.00 + 2.00 + 2.00 + 2.50 + 3.40	11.90 (3.40 - 12.60)	2580 (610 - 4000)	4.61
	15 + 15 + 15 + 18 + 35	1.50 + 1.50 + 1.50 + 1.80 + 3.50	9.80 (2.90 - 10.70)	2620 (550 - 3460)	3.74	1.88 + 1.88 + 1.88 + 2.34 + 4.03	12.00 (3.40 - 12.70)	2780 (610 - 4000)	4.32
	15 + 15 + 15 + 18 + 42	1.43 + 1.43 + 1.43 + 1.71 + 4.00	10.00 (2.90 - 11.00)	2620 (550 - 3460)	3.82	1.75 + 1.75 + 1.75 + 2.19 + 4.55	12.00 (3.40 - 12.70)	2780 (610 - 4000)	4.32
	15 + 15 + 15 + 18 + 50	1.33 + 1.33 + 1.33 + 1.59 + 4.42	10.00 (2.90 - 11.30)	3000 (550 - 3460)	3.33	1.60 + 1.60 + 1.60 + 2.00 + 5.20	12.00 (3.40 - 12.70)	3490 (610 - 4000)	3.44
	15 + 15 + 15 + 18 + 60	1.22 + 1.22 + 1.22 + 1.46 + 4.88	10.00 (2.90 - 11.60)	3000 (550 - 3460)	3.33	1.50 + 1.50 + 1.50 + 1.88 + 5.63	12.00 (3.40 - 12.70)	3490 (610 - 4000)	3.44
	15 + 15 + 15 + 25 + 25	1.50 + 1.50 + 1.50 + 2.50 + 2.50	9.50 (2.90 - 9.90)	3000 (550 - 3460)	3.17	1.88 + 1.88 + 1.88 + 3.19 + 3.19	12.00 (3.40 - 12.70)	2680 (610 - 4000)	4.48
	15 + 15 + 15 + 25 + 35	1.43 + 1.43 + 1.43 + 2.38 + 3.33	10.00 (2.90 - 10.30)	3000 (550 - 3460)	3.33	1.75 + 1.75 + 1.75 + 2.98 + 3.77	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	15 + 15 + 15 + 25 + 42	1.34 + 1.34 + 1.34 + 2.23 + 3.75	10.00 (2.90 - 10.80)	3000 (550 - 3460)	3.33	1.64 + 1.64 + 1.64 + 2.79 + 4.27	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	15 + 15 + 15 + 25 + 50	1.25 + 1.25 + 1.25 + 2.08 + 4.17	10.00 (2.90 - 11.30)	3500 (550 - 4000)	2.86	1.51 + 1.51 + 1.51 + 2.57 + 4.91	12.00 (3.40 - 12.70)	3590 (610 - 4000)	3.34
	15 + 15 + 15 + 25 + 60	1.15 + 1.15 + 1.15 + 1.92 + 4.62	10.00 (2.90 - 11.80)	3500 (550 - 4000)	2.86	1.42 + 1.42 + 1.42 + 2.41 + 5.33	12.00 (3.40 - 12.70)	3590 (610 - 4000)	3.34
	15 + 15 + 15 + 35 + 35	1.30 + 1.30 + 1.30 + 3.04 + 3.04	10.00 (2.90 - 12.50)	3500 (550 - 4000)	2.86	1.64 + 1.64 + 1.64 + 3.53 + 3.53	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	15 + 15 + 15 + 35 + 42	1.23 + 1.23 + 1.23 + 2.87 + 3.44	10.00 (2.90 - 11.50)	3500 (550 - 4000)	2.86	1.55 + 1.55 + 1.55 + 3.33 + 4.03	12.00 (3.40 - 12.70)	3290 (610 - 4000)	3.65
	15 + 15 + 15 + 35 + 50	1.15 + 1.15 + 1.15 + 2.69 + 3.85	10.00 (2.90 - 12.00)	4000 (550 - 4500)	2.50	1.43 + 1.43 + 1.43 + 3.07 + 4.64	12.00 (3.40 - 12.70)	3690 (610 - 4500)	3.25
	15 + 15 + 15 + 35 + 60	1.07 + 1.07 + 1.07 + 2.50 + 4.29	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.35 + 1.35 + 1.35 + 2.9 + 5.06	12.00 (3.40 - 12.70)	3690 (610 - 4500)	3.25
	15 + 15 + 15 + 42 + 42	1.16 + 1.16 + 1.16 + 3.26 + 3.26	10.00 (2.90 - 11.80)	4000 (550 - 4500)	2.50	1.46 + 1.46 + 1.46 + 3.80 + 3.80	12.00 (3.40 - 12.70)	3380 (610 - 4500)	3.55
	15 + 15 + 15 + 42 + 50	1.09 + 1.09 + 1.09 + 3.07 + 3.65	10.00 (2.90 - 12.10)	4000 (550 - 4500)	2.50	1.36 + 1.36 + 1.36 + 3.53 + 4.41	12.00 (3.40 - 12.70)	3780 (610 - 4500)	3.17
	15 + 15 + 15 + 42 + 60	1.02 + 1.02 + 1.02 + 2.86 + 4.08	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.28 + 1.28 + 1.28 + 3.34 + 4.81	12.00 (3.40 - 12.70)	3780 (610 - 4500)	3.17
	15 + 15 + 15 + 50 + 50	1.03 + 1.03 + 1.03 + 3.45 + 3.45	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.26 + 1.26 + 1.26 + 4.11 + 4.11	12.00 (3.40 - 12.70)	4000 (610 - 4500)	3.00
	15 + 15 + 15 + 50 + 60	0.97 + 0.97 + 0.97 + 3.23 + 3.87	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.20 + 1.20 + 1.20 + 3.90 + 4.50	12.00 (3.40 - 12.70)	4000 (610 - 4500)	3.00
	15 + 15 + 18 + 18 + 18	1.50 + 1.50 + 1.80 + 1.80 + 1.80	8.40 (2.90 - 9.20)	2180 (550 - 2292)	3.85	2.00 + 2.00 + 2.50 + 2.50 + 2.50	12.00 (3.40 - 12.70)	2530 (610 - 4000)	4.55
	15 + 15 + 18 + 18 + 25	1.50 + 1.50 + 1.80 + 1.80 + 2.50	9.10 (2.90 - 9.70)	2490 (550 - 3460)	3.65	1.94 + 1.94 + 2.42 + 2.42 + 3.29	12.00 (3.40 - 12.70)	2630 (610 - 4000)	4.56
	15 + 15 + 18 + 18 + 35	1.49 + 1.49 + 1.78 + 1.78 + 3.47	10.00 (2.90 - 10.30)	2690 (550 - 3460)	3.72	1.80 + 1.80 + 2.26 + 2.26 + 3.88	12.00 (3.40 - 12.70)	2890 (610 - 4000)	4.15
	15 + 15 + 18 + 18 + 42	1.39 + 1.39 + 1.67 + 1.67 + 3.89	10.00 (2.90 - 10.56)	2690 (550 - 3460)	3.72	1.69 + 1.69 + 2.11 + 2.11 + 4.39	12.00 (3.40 - 12.70)	2890 (610 - 4000)	4.15
	15 + 15 + 18 + 18 + 50	1.29 + 1.29 + 1.55 + 1.55 + 4.31	10.00 (2.90 - 12.50)	3000 (550 - 3660)	3.33	1.55 + 1.55 + 1.94 + 1.94 + 5.03	12.00 (3.40 - 12.70)	3590 (610 - 4000)	3.34
	15 + 15 + 18 + 18 + 60	1.19 + 1.19 + 1.43 + 1.43 + 4.76	10.00 (2.90 - 11.50)	3000 (550 - 3660)	3.33	1.45 + 1.45 + 1.82 + 1.82 + 5.45	12.00 (3.40 - 12.70)	3590 (610 - 4000)	3.34
	15 + 15 + 18 + 25 + 25	1.50 + 1.50 + 1.80 + 2.50 + 2.50	9.80 (2.90 - 10.30)	2690 (550 - 3460)	3.64	1.80 + 1.80 + 2.26 + 3.07 + 3.07	12.00 (3.40 - 12.70)	2780 (610 - 4000)	4.32

Indoor unit combinations

Standard multi-splits

RAM-110NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
5 units	15 + 15 + 18 + 25 + 35	1.39 + 1.39 + 1.67 + 2.31 + 3.24	10.00 (2.90 - 10.80)	2690 (550 - 3460)	3.72	1.69 + 1.69 + 2.11 + 2.87 + 3.63	12.00 (3.40 - 12.70)	3030 (610 - 4000)	3.96
	15 + 15 + 18 + 25 + 42	1.30 + 1.30 + 1.57 + 2.17 + 3.65	10.00 (2.90 - 11.10)	3000 (550 - 3660)	3.33	1.59 + 1.59 + 1.99 + 2.70 + 4.13	12.00 (3.40 - 12.70)	3030 (610 - 4000)	3.96
	15 + 15 + 18 + 25 + 50	1.22 + 1.22 + 1.46 + 2.03 + 4.07	10.00 (2.90 - 11.60)	3380 (550 - 4000)	2.96	1.46 + 1.46 + 1.83 + 2.49 + 4.76	12.00 (3.40 - 12.70)	3650 (610 - 4000)	3.29
	15 + 15 + 18 + 25 + 60	1.13 + 1.13 + 1.35 + 1.88 + 4.51	10.00 (2.90 - 12.10)	3380 (550 - 4000)	2.96	1.38 + 1.38 + 1.72 + 2.34 + 5.17	12.00 (3.40 - 12.70)	3650 (610 - 4000)	3.29
	15 + 15 + 18 + 35 + 35	1.27 + 1.27 + 1.53 + 2.97 + 2.97	10.00 (2.90 - 12.50)	3380 (550 - 4000)	2.96	1.59 + 1.59 + 1.99 + 3.42 + 3.42	12.00 (3.40 - 12.70)	3190 (610 - 4000)	3.76
	15 + 15 + 18 + 35 + 42	1.20 + 1.20 + 1.44 + 2.80 + 3.36	10.00 (2.90 - 12.50)	3380 (550 - 4000)	2.96	1.50 + 1.50 + 1.88 + 3.23 + 3.90	12.00 (3.40 - 12.70)	3290 (610 - 4000)	3.65
	15 + 15 + 18 + 35 + 50	1.13 + 1.13 + 1.35 + 2.63 + 3.76	10.00 (2.90 - 12.50)	3820 (550 - 4500)	2.62	1.39 + 1.39 + 1.73 + 2.98 + 4.51	12.00 (3.40 - 12.70)	3780 (610 - 4500)	3.17
	15 + 15 + 18 + 35 + 60	1.05 + 1.05 + 1.26 + 2.45 + 4.20	10.00 (2.90 - 12.50)	3820 (550 - 4500)	2.62	1.31 + 1.31 + 1.64 + 2.82 + 4.92	12.00 (3.40 - 12.70)	3780 (610 - 4500)	3.17
	15 + 15 + 18 + 42 + 42	1.14 + 1.14 + 1.36 + 3.18 + 3.18	10.00 (2.90 - 11.60)	3820 (550 - 4500)	2.62	1.42 + 1.42 + 1.78 + 3.69 + 3.69	12.00 (3.40 - 12.70)	3780 (610 - 4500)	3.17
	15 + 15 + 18 + 42 + 50	1.07 + 1.07 + 1.29 + 3.00 + 3.57	10.00 (2.90 - 12.10)	4000 (550 - 4500)	2.50	1.32 + 1.32 + 1.65 + 3.43 + 4.29	12.00 (3.40 - 12.70)	3780 (610 - 4500)	3.17
	15 + 15 + 18 + 42 + 60	1.00 + 1.00 + 1.20 + 2.80 + 4.00	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.25 + 1.25 + 1.56 + 3.25 + 4.69	12.00 (3.40 - 12.70)	3780 (610 - 4500)	3.17
	15 + 15 + 18 + 50 + 50	1.01 + 1.01 + 1.22 + 3.38 + 3.38	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.23 + 1.23 + 1.54 + 4.00 + 4.00	12.00 (3.40 - 12.70)	3890 (610 - 4500)	3.08
	15 + 15 + 18 + 50 + 60	0.95 + 0.95 + 1.14 + 3.16 + 3.80	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.17 + 1.17 + 1.46 + 3.80 + 4.39	12.00 (3.40 - 12.70)	3890 (610 - 4500)	3.08
	15 + 15 + 25 + 25 + 25	1.43 + 1.43 + 2.38 + 2.38 + 2.38	10.00 (2.90 - 11.05)	2690 (550 - 3460)	3.72	1.69 + 1.69 + 2.87 + 2.87 + 2.87	12.00 (3.40 - 12.70)	2890 (610 - 4000)	4.15
	15 + 15 + 25 + 25 + 35	1.30 + 1.30 + 2.17 + 2.17 + 3.04	10.00 (2.90 - 11.50)	3000 (550 - 3460)	3.33	1.59 + 1.59 + 2.70 + 2.70 + 3.42	12.00 (3.40 - 12.70)	3130 (610 - 4000)	3.83
	15 + 15 + 25 + 25 + 42	1.23 + 1.23 + 2.05 + 2.05 + 3.44	10.00 (2.90 - 11.80)	3280 (550 - 3800)	3.05	1.50 + 1.50 + 2.55 + 2.55 + 3.90	12.00 (3.40 - 12.70)	3130 (610 - 4000)	3.83
	15 + 15 + 25 + 25 + 50	1.15 + 1.15 + 1.92 + 1.92 + 3.85	10.00 (2.90 - 12.10)	3480 (550 - 4000)	2.87	1.39 + 1.39 + 2.36 + 2.36 + 4.51	12.00 (3.40 - 12.70)	3780 (610 - 4000)	3.17
	15 + 15 + 25 + 25 + 60	1.07 + 1.07 + 1.79 + 1.79 + 4.29	10.00 (2.90 - 12.50)	3480 (550 - 4000)	2.87	1.31 + 1.31 + 2.23 + 2.23 + 4.92	12.00 (3.40 - 12.70)	3780 (610 - 4000)	3.17
	15 + 15 + 25 + 35 + 35	1.20 + 1.20 + 2.00 + 2.80 + 2.80	10.00 (2.90 - 12.00)	3280 (550 - 3800)	3.05	1.50 + 1.50 + 2.55 + 3.23 + 3.23	12.00 (3.40 - 12.70)	3250 (610 - 4000)	3.69
	15 + 15 + 25 + 35 + 42	1.14 + 1.14 + 1.89 + 2.65 + 3.18	10.00 (2.90 - 12.50)	3480 (550 - 4000)	2.87	1.42 + 1.42 + 2.41 + 3.05 + 3.69	12.00 (3.40 - 12.70)	3350 (610 - 4000)	3.58
	15 + 15 + 25 + 35 + 50	1.07 + 1.07 + 1.79 + 2.50 + 3.57	10.00 (2.90 - 12.50)	3620 (550 - 4000)	2.76	1.32 + 1.32 + 2.24 + 2.84 + 4.29	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 15 + 25 + 35 + 60	1.00 + 1.00 + 1.67 + 2.33 + 4.00	10.00 (2.90 - 12.50)	3620 (550 - 4000)	2.76	1.25 + 1.25 + 2.13 + 2.69 + 4.69	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 15 + 25 + 42 + 42	1.08 + 1.08 + 1.80 + 3.02 + 3.02	10.00 (2.90 - 12.50)	3620 (550 - 4000)	2.76	1.35 + 1.35 + 2.29 + 3.51 + 3.51	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 15 + 25 + 42 + 50	1.02 + 1.02 + 1.70 + 2.86 + 3.40	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.26 + 1.26 + 2.14 + 3.27 + 4.08	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 15 + 25 + 50 + 50	0.97 + 0.97 + 1.61 + 3.23 + 3.23	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.18 + 1.18 + 2.00 + 3.82 + 3.82	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 15 + 25 + 50 + 60	0.91 + 0.91 + 1.52 + 3.03 + 3.64	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.12 + 1.12 + 1.91 + 3.64 + 4.21	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 15 + 35 + 35 + 35	1.11 + 1.11 + 2.59 + 2.59 + 2.59	10.00 (2.90 - 12.50)	3620 (550 - 4000)	2.76	1.42 + 1.42 + 3.05 + 3.05 + 3.05	12.00 (3.40 - 12.70)	3360 (610 - 4000)	3.57
	15 + 15 + 35 + 35 + 42	1.06 + 1.06 + 2.46 + 2.46 + 2.96	10.00 (2.90 - 12.50)	3620 (550 - 4000)	2.76	1.35 + 1.35 + 2.90 + 2.90 + 3.51	12.00 (3.40 - 12.70)	3360 (610 - 4000)	3.57
	15 + 15 + 35 + 35 + 50	1.00 + 1.00 + 2.33 + 2.33 + 3.33	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.26 + 1.26 + 2.70 + 2.70 + 4.08	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 15 + 35 + 35 + 60	0.94 + 0.94 + 2.19 + 2.19 + 3.75	10.00 (2.90 - 12.50)	4000 (550 - 3460)	2.50	1.19 + 1.19 + 2.57 + 2.57 + 4.48	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 18 + 18 + 18	1.50 + 1.80 + 1.80 + 1.80 + 1.80	8.70 (2.90 - 9.60)	2530 (550 - 3460)	3.44	2,00 + 2,50 + 2,50 + 2,50 + 2,50	12.00 (3.40 - 12.70)	2630 (610 - 4000)	4.56
	15 + 18 + 18 + 18 + 25	1.50 + 1.80 + 1.80 + 1.80 + 2.50	9.40 (2.90 - 10.10)	2690 (550 - 3460)	3.49	1.86 + 2.33 + 2.33 + 2.33 + 3.16	12.00 (3.40 - 12.70)	2730 (610 - 4000)	4.40
	15 + 18 + 18 + 18 + 35	1.44 + 1.73 + 1.73 + 1.73 + 3.37	10.00 (2.90 - 10.60)	2690 (550 - 3460)	3.72	1.74 + 2.17 + 2.17 + 2.17 + 3.74	12.00 (3.40 - 12.70)	2830 (610 - 4000)	4.24
	15 + 18 + 18 + 18 + 42	1.35 + 1.62 + 1.62 + 1.62 + 3.78	10.00 (2.90 - 10.90)	3000 (550 - 3460)	3.33	1.63 + 2.04 + 2.04 + 2.04 + 4.24	12.00 (3.40 - 12.70)	3030 (610 - 4000)	3.96
	15 + 18 + 18 + 18 + 50	1.26 + 1.51 + 1.51 + 1.51 + 4.20	10.00 (2.90 - 11.40)	3260 (550 - 3460)	3.07	1.50 + 1.88 + 1.88 + 1.88 + 4.88	12.00 (3.40 - 12.70)	3690 (610 - 4000)	3.25
	15 + 18 + 18 + 18 + 60	1.16 + 1.40 + 1.40 + 1.40 + 4.65	10.00 (2.90 - 12.00)	3260 (550 - 3460)	3.07	1.41 + 1.76 + 1.76 + 1.76 + 5.29	12.00 (3.40 - 12.70)	3690 (610 - 4000)	3.25
	15 + 18 + 18 + 25 + 25	1.49 + 1.78 + 1.78 + 2.48 + 2.48	10.00 (2.90 - 10.60)	2690 (550 - 3460)	3.72	1.74 + 2.17 + 2.17 + 2.96 + 2.96	12.00 (3.40 - 12.70)	2890 (610 - 4000)	4.15
	15 + 18 + 18 + 25 + 35	1.35 + 1.62 + 1.62 + 2.25 + 3.15	10.00 (2.90 - 11.08)	2690 (550 - 3460)	3.72	1.63 + 2.04 + 2.04 + 2.78 + 3.51	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	15 + 18 + 18 + 25 + 42	1.27 + 1.53 + 1.53 + 2.12 + 3.56	10.00 (2.90 - 11.40)	3260 (550 - 3800)	3.07	1.54 + 1.92 + 1.92 + 2.62 + 4.00	12.00 (3.40 - 12.70)	3130 (610 - 4000)	3.83
	15 + 18 + 18 + 25 + 50	1.19 + 1.43 + 1.43 + 1.98 + 3.97	10.00 (2.90 - 11.70)	3260 (550 - 3800)	3.07	1.42 + 1.78 + 1.78 + 2.41 + 4.62	12.00 (3.40 - 12.70)	3790 (610 - 4500)	3.17
	15 + 18 + 18 + 25 + 60	1.10 + 1.32 + 1.32 + 1.84 + 4.41	10.00 (2.90 - 12.20)	3550 (550 - 4000)	2.82	1.34 + 1.68 + 1.68 + 2.28 + 5.03	12.00 (3.40 - 12.70)	3790 (610 - 4500)	3.17
	15 + 18 + 18 + 35 + 35	1.24 + 1.49 + 1.49 + 2.89 + 2.89	10.00 (2.90 - 12.50)	3260 (550 - 4000)	3.07	1.54 + 1.92 + 1.92 + 3.31 + 3.31	12.00 (3.40 - 12.70)	3030 (610 - 4000)	3.96
	15 + 18 + 18 + 35 + 42	1.17 + 1.41 + 1.41 + 2.73 + 3.28	10.00 (2.90 - 12.50)	3550 (550 - 4000)	2.82	1.45 + 1.82 + 1.82 + 3.13 + 3.78	12.00 (3.40 - 12.70)	3250 (610 - 4000)	3.69
	15 + 18 + 18 + 35 + 50	1.10 + 1.32 + 1.32 + 2.57 + 3.68	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.35 + 1.69 + 1.69 + 2.9 + 4.38	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 18 + 35 + 60	1.03 + 1.23 + 1.23 + 2.40 + 4.11	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.28 + 1.60 + 1.60 + 2.74 + 4.79	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 18 + 42 + 42	1.11 + 1.33 + 1.33 + 3.11 + 3.11	10.00 (2.90 - 12.50)	3680 (550 - 4500)	2.72	1.38 + 1.72 + 1.72 + 3.59 + 3.59	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 18 + 42 + 50	1.05 + 1.26 + 1.26 + 2.94 + 3.50	10.00 (2.90 - 12.50)	3680 (550 - 4500)	2.72	1.28 + 1.60 + 1.60 + 3.34 + 4.17	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 18 + 42 + 60	0.98 + 1.18 + 1.18 + 2.75 + 3.92	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.22 + 1.52 + 1.52 + 3.17 + 4.57	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 18 + 50 + 50	0.99 + 1.19 + 1.19 + 3.31 + 3.31	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.20 + 1.50 + 1.50 + 3.90 + 3.90	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 18 + 18 + 50 + 60	0.93 + 1.12 + 1.12 + 3.11 + 3.73	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.14 + 1.43 + 1.43 + 3.71 + 4.29	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 18 + 25 + 25 + 25	1.39 + 1.67 + 2.31 + 2.31 + 2.31	10.00 (2.90 - 11.11)	3000 (550 - 3460)	3.33	1.63 + 2.04 + 2.78 + 2.78 + 2.78	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	15 + 18 + 25 + 25 + 35	1.27 + 1.53 + 2.12 + 2.12 + 2.97	10.00 (2.90 - 12.50)	3000 (550 - 3460)	3.33	1.54 + 1.92 + 2.62 + 2.62 + 3.31	12.00 (3.40 - 12.70)	3030 (610 - 4000)	3.96
	15 + 18 + 25 + 25 + 42	1.20 + 1.44 + 2.00 + 2.00 + 3.36	10.00 (2.90 - 12.50)	3260 (550 - 3800)	3.07	1.45 + 1.82 + 2.47 + 2.47 + 3.78	12.00 (3.40 - 12.70)	3250 (610 - 4000)	3.69
	15 + 18 + 25 + 25 + 50	1.13 + 1.35 + 1.88 + 1.88 + 3.76	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.35 + 1.69 + 2.29 + 2.29 + 4.38	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 25 + 25 + 60	1.05 + 1.26 + 1.75 + 1.75 + 4.20	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.28 + 1.60 + 2.17 + 2.17 + 4.79	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	15 + 18 + 25 + 35 + 35	1.17 + 1.41 + 1.95 + 2.73 + 2.73	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.45 + 1.82 + 2.47 + 3.13 + 3.13	12.00 (3.40 - 12.70)	3130 (610 - 4000)	3.83
	15 + 18 + 25 + 35 + 42	1.11 + 1.33 + 1.85 + 2.59 + 3.11	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.38 + 1.72 + 2.34 + 2.97 + 3.59	12.00 (3.40 - 12.70)	3290 (610 - 4000)	3.65
	15 + 18 + 25 + 35 + 50	1.05 + 1.26 + 1.75 + 2.45 + 3.50	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.28 + 1.60 + 2.18 + 2.76 + 4.17	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 18 + 25 + 35 + 60	0.98 + 1.18 + 1.63 + 2.29 + 3.92	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.22 + 1.52 + 2.07 + 2.62 + 4.57	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 18 + 25 + 42 + 42	1.06 + 1.27 + 1.76 + 2.96 + 2.96	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.31 + 1.64 + 2.23 + 3.41 + 3.41	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 18 + 25 + 42 + 50	1.00 + 1.20 + 1.67 + 2.80 + 3.33	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.22 + 1.53 + 2.08 + 3.18 + 3.98	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	15 + 18 + 25 + 42 + 60	0.94 + 1.13 + 1.56 + 2.63 + 3.75	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.17 + 1.46 + 1.98 + 3.03 + 4.37	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	15 + 18 + 35 + 35 + 35	1.09 + 1.30 + 2.54 + 2.54 + 2.54	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.38 + 1.72 + 2.97 + 2.97 + 2.97	12.00 (3.40 - 12.70)	3280 (610 - 4000)	3.66
	15 + 18 + 35 + 35 + 42	1.03 + 1.24 + 2.41 + 2.41 + 2.90	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.31 + 1.64 + 2.82 + 2.82 + 3.41	12.00 (3.40 - 12.70)	3390 (610 - 4000)	3.54
	15 + 18 + 35 + 35 + 50	0.98 + 1.18 + 2.29 + 2.29 + 3.27	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.22 + 1.53 + 2.63 + 2.63 + 3.98	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	15 + 25 + 25 + 25 + 25	1.30 + 2.17 + 2.17 + 2.17 + 2.17	10.00 (2.90 - 12.50)	3000 (550 - 3460)	3.33	1.54 + 2.62 + 2.62 + 2.62 + 2.62	12.00 (3.40 - 12.70)	3090 (610 - 4000)	3.88
	15 + 25 + 25 + 25 + 35	1.20 + 2.00 + 2.00 + 2.00 + 2.80	10.00 (2.90 - 12.50)	3000 (550 - 3460)	3.33	1.45 + 2.47 + 2.47 + 2.47 + 3.13	12.00 (3.40 - 12.70)	3190 (610 - 4000)	3.76
	15 + 25 + 25 + 25 + 42	1.14 + 1.89 + 1.89 + 1.89 + 3.18	10.00 (2.90 - 12.50)	3260 (550 - 3800)	3.07	1.38 + 2.34 + 2.34 + 2.34 + 3.59	12.00 (3.40 - 12.70)	3290 (610 - 4000)	3.65
	15 + 25 + 25 + 25 + 50	1.07 + 1.79 + 1.79 + 1.79 + 3.57	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.28 + 2.18 + 2.18 + 2.18 + 4.17	12.00 (3.40 - 12.70)	4000 (610 - 4000)	3.00
	15 + 25 + 25 + 25 + 60	1.00 + 1.67 + 1.67 + 1.67 + 4.00	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.22 + 2.07 + 2.07 + 2.07 + 4.57	12.00 (3.40 - 12.70)	4000 (610 - 4000)	3.00
	15 + 25 + 25 + 35 + 35	1.11 + 1.85 + 1.85 + 2.59 + 2.59	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.38 + 2.34 + 2.34 + 2.97 + 2.97	12.00 (3.40 - 12.70)	3290 (610 - 4000)	3.65

RAM-110NP5E		COOLING MODE				HEATING MODE			
		Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	EER	Unit capacity (kW)	Total capacity (kW)	Total abs. capacity (W)	COP
5 units	15 + 25 + 25 + 35 + 42	1.06 + 1.76 + 1.76 + 2.46 + 2.96	10.00 (2.90 - 12.50)	3680 (550 - 4000)	2.72	1.31 + 2.23 + 2.23 + 2.82 + 3.41	12.00 (3.40 - 12.70)	3390 (610 - 4000)	3.54
	15 + 25 + 25 + 35 + 50	1.00 + 1.67 + 1.67 + 2.33 + 3.33	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.22 + 2.08 + 2.08 + 2.63 + 3.98	12.00 (3.40 - 12.70)	4100 (610 - 4000)	2.93
	15 + 25 + 25 + 35 + 60	0.94 + 1.56 + 1.56 + 2.19 + 3.75	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.17 + 1.98 + 1.98 + 2.50 + 4.37	12.00 (3.40 - 12.70)	4100 (610 - 4000)	2.93
	15 + 25 + 25 + 42 + 42	1.01 + 1.68 + 1.68 + 2.82 + 2.82	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.25 + 2.13 + 2.13 + 3.25 + 3.25	12.00 (3.40 - 12.70)	4000 (610 - 4000)	3.00
	15 + 25 + 25 + 42 + 50	0.96 + 1.59 + 1.59 + 2.68 + 3.18	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.17 + 1.99 + 1.99 + 3.04 + 3.80	12.00 (3.40 - 12.70)	4200 (610 - 4000)	2.86
	15 + 25 + 25 + 50 + 50	0.91 + 1.52 + 1.52 + 3.03 + 3.03	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.10 + 1.87 + 1.87 + 3.58 + 3.58	12.00 (3.40 - 12.70)	4200 (610 - 4000)	2.86
	15 + 25 + 35 + 35 + 35	1.03 + 1.72 + 2.41 + 2.41 + 2.41	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.31 + 2.23 + 2.82 + 2.82 + 2.82	12.00 (3.40 - 12.70)	3390 (610 - 4000)	3.54
	15 + 25 + 35 + 35 + 42	0.99 + 1.64 + 2.30 + 2.30 + 2.76	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.25 + 2.13 + 2.69 + 2.69 + 3.25	12.00 (3.40 - 12.70)	3490 (610 - 4000)	3.44
	15 + 25 + 35 + 35 + 50	0.94 + 1.56 + 2.19 + 2.19 + 3.13	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.17 + 1.99 + 2.52 + 2.52 + 3.80	12.00 (3.40 - 12.70)	4200 (610 - 4000)	2.86
	15 + 25 + 35 + 42 + 42	0.94 + 1.57 + 2.20 + 2.64 + 2.64	10.00 (2.90 - 12.50)	4000 (550 - 4500)	2.50	1.19 + 2.03 + 2.57 + 3.10 + 3.10	12.00 (3.40 - 12.70)	4200 (610 - 4000)	2.86
	18 + 18 + 18 + 18 + 18	1.80 + 1.80 + 1.80 + 1.80 + 1.80	9.00 (2.90 - 10.00)	2530 (600 - 3040)	3.56	2.40 + 2.40 + 2.40 + 2.40 + 2.40	12.00 (3.40 - 12.70)	2780 (610 - 4000)	4.32
	18 + 18 + 18 + 18 + 25	1.80 + 1.80 + 1.80 + 1.80 + 2.50	9.70 (2.90 - 10.80)	2690 (600 - 3040)	3.61	2.24 + 2.24 + 2.24 + 2.24 + 3.04	12.00 (3.40 - 12.70)	2890 (610 - 4000)	4.15
	18 + 18 + 18 + 18 + 35	1.68 + 1.68 + 1.68 + 1.68 + 3.27	10.00 (2.90 - 11.12)	2690 (600 - 3040)	3.72	2.10 + 2.10 + 2.10 + 2.10 + 3.61	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	18 + 18 + 18 + 18 + 42	1.58 + 1.58 + 1.58 + 1.58 + 3.68	10.00 (2.90 - 11.50)	3000 (600 - 3600)	3.33	1.97 + 1.97 + 1.97 + 1.97 + 4.11	12.00 (3.40 - 12.70)	3230 (610 - 4000)	3.72
	18 + 18 + 18 + 18 + 50	1.48 + 1.48 + 1.48 + 1.48 + 4.10	10.00 (2.90 - 11.90)	3260 (600 - 3600)	3.07	1.82 + 1.82 + 1.82 + 1.82 + 4.73	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	18 + 18 + 18 + 18 + 60	1.36 + 1.36 + 1.36 + 1.36 + 4.55	10.00 (2.90 - 12.40)	3260 (600 - 3600)	3.07	1.71 + 1.71 + 1.71 + 1.71 + 5.14	12.00 (3.40 - 12.70)	3890 (610 - 5000)	3.08
	18 + 18 + 18 + 25 + 25	1.73 + 1.73 + 1.73 + 2.40 + 2.40	10.00 (2.90 - 11.15)	2690 (600 - 3040)	3.72	2.10 + 2.10 + 2.10 + 2.85 + 2.85	12.00 (3.40 - 12.70)	2890 (610 - 4000)	4.15
	18 + 18 + 18 + 25 + 35	1.58 + 1.58 + 1.58 + 2.19 + 3.07	10.00 (2.90 - 11.60)	3000 (600 - 3600)	3.33	1.97 + 1.97 + 1.97 + 2.68 + 3.39	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	18 + 18 + 18 + 25 + 42	1.49 + 1.49 + 1.49 + 2.07 + 3.47	10.00 (2.90 - 11.90)	3260 (600 - 3600)	3.07	1.86 + 1.86 + 1.86 + 2.53 + 3.88	12.00 (3.40 - 12.70)	3360 (610 - 4000)	3.57
	18 + 18 + 18 + 25 + 50	1.40 + 1.40 + 1.40 + 1.94 + 3.88	10.00 (2.90 - 12.30)	3260 (600 - 3600)	3.07	1.72 + 1.72 + 1.72 + 2.34 + 4.48	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	18 + 18 + 18 + 25 + 60	1.29 + 1.29 + 1.29 + 1.80 + 4.32	10.00 (2.90 - 12.50)	3680 (600 - 3600)	2.72	1.63 + 1.63 + 1.63 + 2.22 + 4.89	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	18 + 18 + 18 + 35 + 35	1.45 + 1.45 + 1.45 + 2.82 + 2.82	10.00 (2.90 - 12.50)	3260 (600 - 3600)	3.07	1.86 + 1.86 + 1.86 + 3.20 + 3.20	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	18 + 18 + 18 + 35 + 42	1.37 + 1.37 + 1.37 + 2.67 + 3.21	10.00 (2.90 - 12.50)	3680 (600 - 4000)	2.72	1.76 + 1.76 + 1.76 + 3.04 + 3.67	12.00 (3.40 - 12.70)	3480 (610 - 4000)	3.45
	18 + 18 + 18 + 35 + 50	1.29 + 1.29 + 1.29 + 2.52 + 3.60	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.64 + 1.64 + 1.64 + 2.82 + 4.26	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	18 + 18 + 18 + 35 + 60	1.21 + 1.21 + 1.21 + 2.35 + 4.03	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.55 + 1.55 + 1.55 + 2.67 + 4.66	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	18 + 18 + 18 + 42 + 42	1.30 + 1.30 + 1.30 + 3.04 + 3.04	10.00 (2.90 - 12.50)	3680 (600 - 4000)	2.72	1.68 + 1.68 + 1.68 + 3.49 + 3.49	12.00 (3.40 - 12.70)	3680 (610 - 5000)	3.26
	18 + 18 + 18 + 42 + 50	1.23 + 1.23 + 1.23 + 2.88 + 3.42	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.56 + 1.56 + 1.56 + 3.25 + 4.06	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 18 + 18 + 42 + 60	1.15 + 1.15 + 1.15 + 2.69 + 3.85	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.49 + 1.49 + 1.49 + 3.09 + 4.46	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 18 + 18 + 50 + 50	1.17 + 1.17 + 1.17 + 3.25 + 3.25	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.46 + 1.46 + 1.46 + 3.80 + 3.80	12.00 (3.40 - 12.70)	4400 (610 - 5000)	2.73
	18 + 18 + 18 + 50 + 60	1.10 + 1.10 + 1.10 + 3.05 + 3.66	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.40 + 1.40 + 1.40 + 3.63 + 4.19	12.00 (3.40 - 12.70)	4400 (610 - 5000)	2.73
	18 + 18 + 25 + 25 + 25	1.62 + 1.62 + 2.25 + 2.25 + 2.25	10.00 (2.90 - 11.17)	3000 (600 - 3600)	3.33	1.97 + 1.97 + 2.68 + 2.68 + 2.68	12.00 (3.40 - 12.70)	2980 (610 - 4000)	4.03
	18 + 18 + 25 + 25 + 35	1.49 + 1.49 + 2.07 + 2.07 + 2.89	10.00 (2.90 - 12.50)	3000 (600 - 3600)	3.33	1.86 + 1.86 + 2.53 + 2.53 + 3.20	12.00 (3.40 - 12.70)	3130 (610 - 4000)	3.83
	18 + 18 + 25 + 25 + 42	1.41 + 1.41 + 1.95 + 1.95 + 3.28	10.00 (2.90 - 12.50)	3260 (600 - 3600)	3.07	1.76 + 1.76 + 2.40 + 2.40 + 3.67	12.00 (3.40 - 12.70)	3450 (610 - 4000)	3.48
	18 + 18 + 25 + 25 + 50	1.32 + 1.32 + 1.84 + 1.84 + 3.68	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.64 + 1.64 + 2.23 + 2.23 + 4.26	12.00 (3.40 - 12.70)	4100 (610 - 5000)	2.93
	18 + 18 + 25 + 25 + 60	1.23 + 1.23 + 1.71 + 1.71 + 4.11	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.55 + 1.55 + 2.11 + 2.11 + 4.66	12.00 (3.40 - 12.70)	4100 (610 - 5000)	2.93
	18 + 18 + 25 + 35 + 35	1.37 + 1.37 + 1.91 + 2.67 + 2.67	10.00 (2.90 - 12.50)	3680 (600 - 4000)	2.72	1.76 + 1.76 + 2.40 + 3.04 + 3.04	12.00 (3.40 - 12.70)	3130 (610 - 4000)	3.83
	18 + 18 + 25 + 35 + 42	1.30 + 1.30 + 1.81 + 2.54 + 3.04	10.00 (2.90 - 12.50)	3680 (600 - 4000)	2.72	1.68 + 1.68 + 2.28 + 2.88 + 3.49	12.00 (3.40 - 12.70)	3580 (610 - 4000)	3.35
	18 + 18 + 25 + 35 + 50	1.23 + 1.23 + 1.71 + 2.40 + 3.42	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.56 + 1.56 + 2.13 + 2.69 + 4.06	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 18 + 25 + 35 + 60	1.15 + 1.15 + 1.60 + 2.24 + 3.85	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.49 + 1.49 + 2.02 + 2.55 + 4.46	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 18 + 25 + 42 + 42	1.24 + 1.24 + 1.72 + 2.90 + 2.90	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.60 + 1.60 + 2.17 + 3.32 + 3.32	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 18 + 25 + 42 + 50	1.18 + 1.18 + 1.63 + 2.75 + 3.27	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.49 + 1.49 + 2.03 + 3.10 + 3.88	12.00 (3.40 - 12.70)	4400 (610 - 5000)	2.73
	18 + 18 + 25 + 42 + 60	1.10 + 1.10 + 1.53 + 2.58 + 3.68	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.42 + 1.42 + 1.93 + 2.96 + 4.27	12.00 (3.40 - 12.70)	4400 (610 - 5000)	2.73
	18 + 18 + 25 + 50 + 50	1.12 + 1.12 + 1.55 + 3.11 + 3.11	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.40 + 1.40 + 1.91 + 3.64 + 3.64	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	18 + 18 + 35 + 35 + 35	1.28 + 1.28 + 2.48 + 2.48 + 2.48	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.68 + 1.68 + 2.88 + 2.88 + 2.88	12.00 (3.40 - 12.70)	3280 (610 - 4000)	3.66
	18 + 18 + 35 + 35 + 42	1.22 + 1.22 + 2.36 + 2.36 + 2.84	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.60 + 1.60 + 2.74 + 2.74 + 3.32	12.00 (3.40 - 12.70)	3580 (610 - 4000)	3.35
	18 + 18 + 35 + 35 + 50	1.15 + 1.15 + 2.24 + 2.24 + 3.21	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.49 + 1.49 + 2.57 + 2.57 + 3.88	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	18 + 18 + 35 + 35 + 60	1.08 + 1.08 + 2.11 + 2.11 + 3.61	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.42 + 1.42 + 2.45 + 2.45 + 4.27	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	18 + 18 + 35 + 42 + 42	1.16 + 1.16 + 2.26 + 2.71 + 2.71	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.52 + 1.52 + 2.62 + 3.17 + 3.17	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	18 + 18 + 35 + 42 + 50	1.10 + 1.10 + 2.15 + 2.58 + 3.07	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.43 + 1.43 + 2.46 + 2.97 + 3.71	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 25 + 25 + 25 + 25	1.53 + 2.12 + 2.12 + 2.12 + 2.12	10.00 (2.90 - 12.50)	3000 (600 - 3600)	3.33	1.86 + 2.53 + 2.53 + 2.53 + 2.53	12.00 (3.40 - 12.70)	3130 (610 - 4000)	3.83
	18 + 25 + 25 + 25 + 35	1.41 + 1.95 + 1.95 + 1.95 + 2.73	10.00 (2.90 - 12.50)	3000 (600 - 3600)	3.33	1.76 + 2.40 + 2.40 + 2.40 + 3.04	12.00 (3.40 - 12.70)	3300 (610 - 4000)	3.64
	18 + 25 + 25 + 25 + 42	1.33 + 1.85 + 1.85 + 1.85 + 3.11	10.00 (2.90 - 12.50)	3260 (600 - 3600)	3.07	1.68 + 2.28 + 2.28 + 2.28 + 3.49	12.00 (3.40 - 12.70)	3580 (610 - 4000)	3.35
	18 + 25 + 25 + 25 + 50	1.26 + 1.75 + 1.75 + 1.75 + 3.50	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.56 + 2.13 + 2.13 + 2.13 + 4.06	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 25 + 25 + 25 + 60	1.18 + 1.63 + 1.63 + 1.63 + 3.92	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.49 + 2.02 + 2.02 + 2.02 + 4.46	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 25 + 25 + 35 + 35	1.30 + 1.81 + 1.81 + 2.54 + 2.54	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.68 + 2.28 + 2.28 + 2.88 + 2.88	12.00 (3.40 - 12.70)	3300 (610 - 4000)	3.64
	18 + 25 + 25 + 35 + 42	1.24 + 1.72 + 1.72 + 2.41 + 2.90	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.60 + 2.17 + 2.17 + 2.74 + 3.32	12.00 (3.40 - 12.70)	3690 (610 - 4000)	3.25
	18 + 25 + 25 + 35 + 50	1.18 + 1.63 + 1.63 + 2.29 + 3.27	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.49 + 2.03 + 2.03 + 2.57 + 3.88	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 25 + 25 + 35 + 60	1.10 + 1.53 + 1.53 + 2.15 + 3.68	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.42 + 1.93 + 1.93 + 2.45 + 4.27	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 25 + 25 + 42 + 42	1.18 + 1.64 + 1.64 + 2.76 + 2.76	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.52 + 2.07 + 2.07 + 3.17 + 3.17	12.00 (3.40 - 12.70)	4300 (610 - 5000)	2.79
	18 + 25 + 25 + 42 + 50	1.13 + 1.56 + 1.56 + 2.63 + 3.13	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.43 + 1.94 + 1.94 + 2.97 + 3.71	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	18 + 25 + 35 + 35 + 35	1.22 + 1.69 + 2.36 + 2.36 + 2.36	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.60 + 2.17 + 2.74 + 2.74 + 2.74	12.00 (3.40 - 12.70)	4000 (610 - 5000)	3.00
	18 + 25 + 35 + 35 + 42	1.16 + 1.61 + 2.26 + 2.26 + 2.71	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.52 + 2.07 + 2.62 + 2.62 + 3.17	12.00 (3.40 - 12.70)	4100 (610 - 5000)	2.93
	18 + 25 + 35 + 35 + 50	1.10 + 1.53 + 2.15 + 2.15 + 3.07	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.43 + 1.94 + 2.46 + 2.46 + 3.71	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	18 + 25 + 35 + 42 + 42	1.11 + 1.54 + 2.16 + 2.59 + 2.59	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.46 + 1.98 + 2.50 + 3.03 + 3.03	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	25 + 25 + 25 + 25 + 25	2.00 + 2.00 + 2.00 + 2.00 + 2.00	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	2.40 + 2.40 + 2.40 + 2.40 + 2.40	12.00 (3.40 - 12.70)	3300 (610 - 4000)	3.64
	25 + 25 + 25 + 25 + 35	1.85 + 1.85 + 1.85 + 1.85 + 2.59	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	2.28 + 2.28 + 2.28 + 2.28 + 2.88	12.00 (3.40 - 12.70)	3580 (610 - 4000)	3.35
	25 + 25 + 25 + 25 + 42	1.76 + 1.76 + 1.76 + 1.76 + 2.96	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	2.17 + 2.17 + 2.17 + 2.17 + 3.32	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	25 + 25 + 25 + 25 + 50	1.67 + 1.67 + 1.67 + 1.67 + 3.33	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	2.03 + 2.03 + 2.03 + 2.03 + 3.88	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	25 + 25 + 25 + 25 + 60	1.56 + 1.56 + 1.56 + 1.56 + 3.75	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.93 + 1.93 + 1.93 + 1.93 + 4.27	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	25 + 25 + 25 + 35 + 35	1.72 + 1.72 + 1.72 + 2.41 + 2.41	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	2.17 + 2.17 + 2.17 + 2.74 + 2.74	12.00 (3.40 - 12.70)	4200 (610 - 5000)	2.86
	25 + 25 + 25 + 35 + 42	1.64 + 1.64 + 1.64 + 2.30 + 2.76	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	2.07 + 2.07 + 2.07 + 2.62 + 3.17	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	25 + 25 + 35 + 35 + 35	1.61 + 1.61 + 2.26 + 2.26 + 2.26	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	2.07 + 2.07 + 2.62 + 2.62 + 2.62	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67
	25 + 25 + 35 + 35 + 42	1.53 + 1.53 + 2.15 + 2.15 + 2.58	10.00 (2.90 - 12.50)	4000 (600 - 4500)	2.50	1.98 + 1.98 + 2.50 + 2.50 + 3.03	12.00 (3.40 - 12.70)	4500 (610 - 5000)	2.67