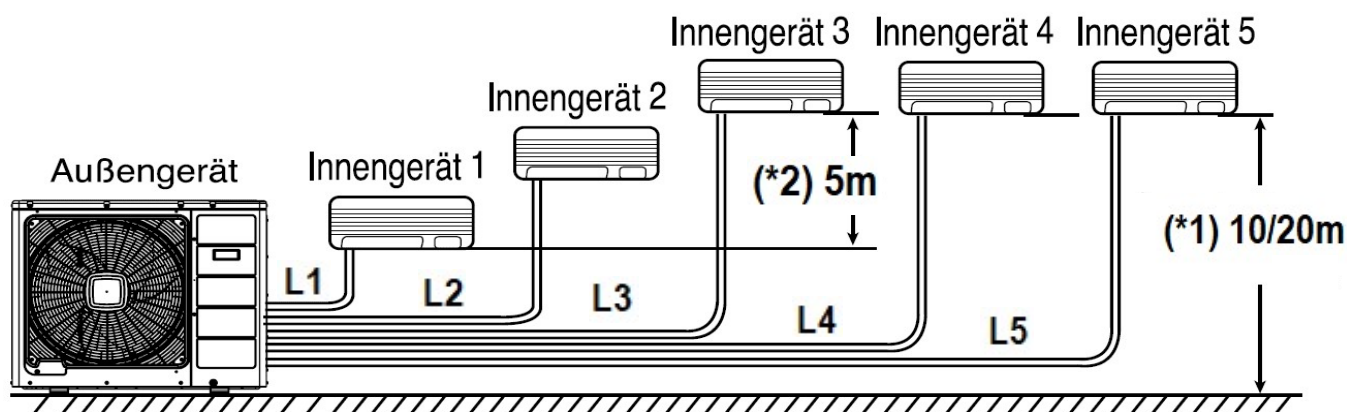


# Anlageplanung MultiZone R32

Zonen	2			3		4	5
Modell	RAM-33NP2E	RAM-40NP2E	RAM-53NP2E	RAM-53NP3E	RAM-68NP3E	RAM-70NP4E	RAM-90NP5E
Anzahl anschliessbare Innengeräte	2			2 - 3		2 - 4	2 - 5
Max. Gesamtleitungslänge = (L1 + L2 + L3 + L4 + L5)	35m			60m		75m	
Max. Höhenunterschied zwischen Aussen - Innengerät (*1)	10m		20m				
Max. Höhenunterschied zwischen den Innengeräten (*2)	5m						
Rohrlänge Einzelleitung pro Innengerät (min.-max)	*3 - 25m (Bei Einzelleitungen *unter 5m, muss 15g/m Kältemittel abgesogen werden.)						
Zusätzliche Kältemittel-Füllmenge (ab Gesamtleitungslänge)	-			20g/m (ab 35m)	20g/m (ab 30m)	15g/m (ab 30m)	



## WICHTIG!

- Vom Aussengerät **muss** zu jedem Innengerät eine **separate** Flüssigkeits- und Gasleitung geführt werden.
- Die **Leistungsstärksten** Innengeräte **müssen immer** an den **untersten Anschlüssen** der Aussengeräte angeschlossen werden!
- Die definitive Kühl- und Heizleistung hängt jeweils von der Kombination der Innengeräte ab.  
(siehe im Kapitel Anlageplanung: Seite 283-321)
- Für den Anschluss an die Aussengeräte benötigen die Innengeräte der Baugröße:  
**42, 50 u. 60** die Erweiterungsmuffe **NM-86**.

## Anschliessbare Innengeräte

Innengerätmodell	Nennkühlleistung (kW)	Leistung (kW) für Einzelgerätebetrieb		Geeignete Raumgröße (m <sup>2</sup> ) für Einzelgerätebetrieb	
		Kühlbetrieb	Heizbetrieb	Kühlbetrieb	Heizbetrieb
RAK-18QXE	1.8	1.50-2.00	1.80-3.50	8-12	9-11
RAK-25RXE	2.5	1.50-2.80	1.80-4.70	11-17	14-18
RAK-35RXE	3.5	1.50-3.90	1.80-5.80	16-24	17-22
RAK-50RXE	5.0	1.50-5.60	1.80-7.20	23-24	23-29
RAK-15QPE	1.5	1.00-1.60	1.10-2.20	8-12	9-11
RAK-18RPE	1.8	1.50-2.00	1.80-3.50	8-12	9-11
RAK-25RPE	2.5	1.50-2.80	1.80-4.70	11-17	14-18
RAK-35RPE	3.5	1.50-3.90	1.80-5.80	16-24	17-22
RAK-42RPE	4.2	1.50-5.60	1.80-7.20	23-24	23-29
RAK-50RPE	5.0	1.50-5.60	1.80-7.20	23-24	23-29
RAK-50RPE1	5.0	1.50-5.60	1.80-7.20	23-24	23-29
RAK-60RPE	6.0	1.50-5.60	1.80-7.20	23-24	23-29
RAF-25RXE	2.5	1.50-2.80	1.80-4.70	11-17	14-18
RAF-35RXE	3.5	1.50-3.90	1.80-5.80	16-24	17-22
RAF-50RXE	5.0	1.50-5.60	1.80-7.20	23-24	23-29
RAI-25RPE	2.5	1.50-2.80	1.80-4.70	11-17	14-18
RAI-35RPE	3.5	1.50-3.90	1.80-5.80	16-24	17-22
RAI-50RPE	5.0	1.50-5.60	1.80-7.20	23-24	23-29
RAI-60RPE	6.0	1.50-5.60	1.80-7.20	23-24	23-29
RAD-18QPE	1.8	1.50-2.00	1.80-3.50	8-12	9-11
RAD-25RPE	2.5	1.50-2.80	1.80-4.70	11-17	14-18
RAD-35RPE	3.5	1.50-3.90	1.80-5.80	16-24	17-22
RAD-50RPE	5.0	1.50-5.60	1.80-7.20	23-24	23-29
RAD-60RPE	6.0	1.50-5.60	1.80-7.20	23-24	23-29

\* Zusammen mit einem Außengerät können zwei bis fünf Innengeräte installiert werden.

\* Einzelgeräthewerte für Eingerätebetrieb mit zwei angeschlossenen Innengeräten.

## RAM-33NP2E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION		KÜHLBETRIEB								HEIZBETRIEB						
		GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert		
					GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT-EINGANG (W)	STROMSTÄRKE (A)				
						220 V	230 V					240 V	220 V		230 V	240 V
EIN GERÄT	1.5	1.5	1.5 (1.00-2.20)	1.50	380 (250-480)	1.74	1.67	1.60	3.95	2 (1.10-3.20)	2.00	530 (250-970)	2.43	2.33	2.23	3.77
	1.8	1.8	1.8 (1.00-2.50)	1.80	455 (250-750)	2.09	2.00	1.91	3.96	2.5 (1.10-3.20)	2.50	690 (250-970)	3.17	3.03	2.90	3.62
	2.5	2.5	2.5 (1.00-3.10)	2.50	650 (250-880)	2.98	2.85	2.74	3.85	3.5 (1.10-4.40)	3.50	990 (250-1120)	4.55	4.35	4.17	3.54
	3.5	3.5	3.5 (1.00-3.80)	3.50	780 (250-1300)	3.58	3.43	3.28	4.49	4.6 (1.10-4.60)	4.00	1200 (250-1300)	5.51	5.27	5.05	3.33
ZWEI GERÄTE	1.5+1.5	3	1.50+1.50 (1.50-2.80)	3.00	730 (250-780)	3.35	3.21	3.07	4.11	2.00+2.00 (1.50-4.60)	4.00	890 (250-950)	4.09	3.91	3.75	4.49
	1.5+1.8	3.3	1.50+1.80 (1.50-3.50)	3.30	730 (250-1050)	3.35	3.21	3.07	4.52	1.78+2.22 (1.50-4.60)	4.00	900 (250-1020)	4.13	3.95	3.79	4.44
	1.5+2.5	4	1.24+2.06 (1.50-3.80)	3.30	950 (250-1050)	4.36	4.17	4.00	3.47	1.45+2.55 (1.50-4.60)	4.00	1080 (250-1500)	4.96	4.74	4.55	3.70
	1.5+3.5	5	0.99+2.31 (1.50-4.20)	3.30	1050 (250-1050)	4.82	4.61	4.42	3.14	1.18+2.82 (1.50-4.60)	4.00	1230 (250-1500)	5.65	5.40	5.18	3.25
	1.8+1.8	3.6	1.65+1.65 (1.50-3.80)	3.30	1050 (250-1050)	4.82	4.61	4.42	3.14	2.00+2.00 (1.50-4.60)	4.00	1250 (250-1500)	5.74	5.49	5.26	3.20
	1.8+2.5	4.3	1.38+1.92 (1.50-4.20)	3.30	1050 (250-1050)	4.82	4.61	4.42	3.14	1.67+2.33 (1.50-4.60)	4.00	1250 (250-1500)	5.74	5.49	5.26	3.20
	1.8+3.5	5.3	1.12+2.18 (1.50-4.20)	3.30	1050 (250-1050)	4.82	4.61	4.42	3.14	1.37+2.63 (1.50-4.60)	4.00	1250 (250-1500)	5.74	5.49	5.26	3.20
	2.5+2.5	5	1.65+1.65 (1.50-4.20)	3.30	1050 (250-1050)	4.82	4.61	4.42	3.14	2.00+2.00 (1.50-4.60)	4.00	1250 (250-1500)	5.74	5.49	5.26	3.20

## RAM-40NP2E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB								HEIZBETRIEB							
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert			
				GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT-EINGANG (W)	STROMSTÄRKE (A)					
					220 V	230 V					240 V	220 V		230 V	240 V	
EIN GERÄT	1.5	1.5 (1.00-2.20)	1.50	380 (200-480)	1.74	1.67	1.60	3.95	2.00 (1.10-3.20)	2.00	530 (250-970)	2.43	2.33	2.23	3.77	
	1.8	1.8 (1.00-2.50)	1.80	455 (200-750)	2.09	2.00	1.91	3.96	2.50 (1.10-3.20)	2.50	690 (250-970)	3.17	3.03	2.90	3.62	
	2.5	2.5 (1.00-3.10)	2.50	650 (200-880)	2.98	2.85	2.74	3.85	3.50 (1.10-4.40)	3.50	990 (250-1120)	4.55	4.35	4.17	3.54	
	3.5	3.5 (1.00-4.00)	3.50	780 (200-1150)	3.58	3.43	3.28	4.49	4.80 (1.10-5.00)	4.80	1200 (250-1300)	5.51	5.27	5.05	4.00	
	4.2	4.2 (1.00-4.00)	4.20	780 (250-1150)	3.58	3.43	3.28	5.38	5.20 (1.10-5.00)	5.20	1200 (250-1300)	5.51	5.27	5.05	4.33	
ZWEI GERÄTE	1.5+1.5	3.0 (1.50-2.80)	1.50+1.50 (1.50-2.80)	3.00	700 (200-780)	3.21	3.07	2.95	4.29	2.00+2.00 (1.50-4.60)	4.00	890 (250-950)	4.09	3.91	3.75	4.49
	1.5+1.8	3.3 (1.50-3.50)	1.50+1.80 (1.50-3.50)	3.30	730 (200-930)	3.35	3.21	3.07	4.52	2.00+2.50 (1.50-5.00)	4.50	940 (250-1020)	4.32	4.13	3.96	4.79
	1.5+2.5	4.0 (1.50-4.00)	1.50+2.50 (1.50-4.00)	4.0	950 (200-1150)	4.36	4.17	4.00	4.21	1.89+3.31 (1.50-5.50)	5.20	1080 (250-1500)	4.96	4.74	4.55	4.81
	1.5+3.5	5.0 (1.50-4.20)	1.20+2.80 (1.50-4.20)	4.0	1100 (200-1150)	5.05	4.83	4.63	3.64	1.53+3.67 (1.50-5.50)	5.20	1230 (250-1500)	5.65	5.40	5.18	4.23
	1.5+4.2	5.7 (1.50-4.20)	1.05+2.95 (1.50-4.20)	4.00	1100 (250-1150)	5.05	4.83	4.63	3.64	1.44+3.76 (1.50-5.50)	5.20	1230 (250-1500)	5.65	5.40	5.18	4.23
	1.8+1.8	3.6 (1.50-4.00)	1.80+1.80 (1.50-4.00)	3.60	1050 (200-1050)	4.82	4.61	4.42	3.43	2.50+2.50 (1.50-5.00)	5.00	1250 (250-1500)	5.74	5.49	5.26	4.00
	1.8+2.5	4.3 (1.50-4.20)	1.67+2.33 (1.50-4.20)	4.0	1090 (200-1150)	5.00	4.79	4.59	3.67	2.17+3.03 (1.50-5.50)	5.20	1250 (250-1500)	5.74	5.49	5.26	4.16
	1.8+3.5	5.3 (1.50-4.20)	1.36+2.64 (1.50-4.20)	4.0	1130 (200-1150)	5.19	4.96	4.76	3.54	1.78+3.42 (1.50-5.50)	5.20	1250 (250-1500)	5.74	5.49	5.26	4.16
	1.8+4.2	6.0 (1.50-4.20)	1.20+2.80 (1.50-4.20)	4.00	1130 (250-1150)	5.19	4.96	4.76	3.54	1.69+3.51 (1.50-5.50)	5.20	1250 (250-1500)	5.74	5.49	5.26	4.16
2.5+2.5	5.0 (1.50-4.20)	2.00+2.00 (1.50-4.20)	4.0	1150 (200-1150)	5.28	5.05	4.84	3.48	2.60+2.60 (1.50-5.50)	5.20	1250 (250-1500)	5.74	5.49	5.26	4.16	
2.5+3.5	6.0 (1.50-4.20)	1.67+2.33 (1.50-4.20)	4.00	1050 (250-1150)	4.82	4.61	4.42	3.81	2.19+3.01 (1.50-5.50)	5.20	1250 (250-1500)	5.56	5.31	5.09	4.30	

## RAM-53NP2E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB								HEIZBETRIEB						
	GESAMT (kW)	NENN- LEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP- Wert
				GESAMT- EINGANG (W)	STROMSTÄRKE (A)						GESAMT- EINGANG (W)	STROMSTÄRKE (A)			
					220 V	230 V	240 V					220 V	230 V	240 V	
EIN GERÄT	1.5	1.5 (1.00-2.20)	1.50	430 (350-480)	1.97	1.89	1.81	3.49	2.00 (1.10-2.20)	2.00	610 (350-650)	2.80	2.68	2.57	3.28
	1.8	1.8 (1.00-2.00)	1.80	495 (350-750)	2.27	2.17	2.08	3.64	2.50 (1.10-3.20)	2.50	690 (350-1050)	3.17	3.03	2.90	3.62
	2.5	2.5 (1.00-2.80)	2.50	700 (350-980)	3.21	3.07	2.95	3.57	3.90 (1.10-4.70)	3.90	1060 (350-1380)	4.87	4.66	4.46	3.68
	3.5	3.5 (1.00-3.90)	3.50	1030 (350-1280)	4.73	4.52	4.34	3.40	4.80 (1.10-5.80)	4.80	1320 (350-1870)	6.06	5.80	5.56	3.64
	4.2	4.2 (1.00-5.50)	4.20	1500 (350-1660)	6.89	6.59	6.31	2.80	6.50 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87
	5.0	5.0 (1.00-5.50)	5.00	1510 (350-1660)	6.93	6.63	6.36	3.31	6.80 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87
	6.0	6.0 (1.00-5.50)	6.00	5.30	1510 (350-1660)	6.93	6.63	6.36	3.51	7.00 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07
ZWEI GERÄTE	1.5+1.5	3.0 (1.50-3.90)	3.00	920 (350-1000)	4.22	4.04	3.87	3.26	2.00+2.00 (1.50-4.70)	4.00	1060 (350-1380)	4.87	4.66	4.46	3.77
	1.5+1.8	3.3 (1.50-3.90)	3.30	1020 (350-1300)	4.68	4.48	4.29	3.24	2.00+2.50 (1.50-5.20)	4.50	1250 (350-1870)	5.74	5.49	5.26	3.60
	1.5+2.5	4.0 (1.50-4.50)	4.00	1180 (350-1250)	5.42	5.18	4.97	3.39	2.00+3.90 (1.50-6.50)	5.90	1550 (350-2010)	7.12	6.81	6.52	3.81
	1.5+3.5	5.0 (1.50-5.90)	5.00	1480 (350-1660)	6.80	6.50	6.23	3.38	2.00+4.80 (1.50-7.20)	6.80	1590 (350-2010)	7.30	6.98	6.69	4.28
	1.5+4.2	5.7 (1.50-5.90)	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	1.60+5.20 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.5+5.0	6.5 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	1.60+5.20 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.5+6.0	7.5 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	1.60+5.20 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.8+1.8	3.6 (1.50-4.00)	3.60	1080 (350-1300)	4.96	4.74	4.55	3.33	2.50+2.50 (1.50-5.20)	5.00	1290 (350-1550)	5.92	5.67	5.43	3.88
	1.8+2.5	4.3 (1.50-4.60)	4.30	1220 (350-1450)	5.60	5.36	5.13	3.52	2.50+3.90 (1.50-6.30)	6.40	1530 (350-1920)	7.02	6.72	6.44	4.18
	1.8+3.5	5.3 (1.50-5.60)	5.30	1260 (350-1660)	5.79	5.53	5.30	4.21	2.31+4.49 (1.50-7.20)	6.80	1610 (350-2010)	7.39	7.07	6.78	4.22
	1.8+4.2	6.0 (1.50-5.90)	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	1.80+5.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.8+5.0	6.8 (1.50-5.90)	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	1.80+5.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.8+6.0	7.8 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	1.80+5.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
2.5+2.5	5.0 (1.50-5.60)	5.00	1470 (350-1660)	6.75	6.46	6.19	3.40	3.40+3.40 (1.50-7.20)	6.80	1780 (350-2010)	8.17	7.82	7.49	3.82	

## RAM-53NP2E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB								
	GESAMT (kW)	NENN- LEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT						EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					
				GESAMT- EINGANG (W)	STROMSTÄRKE (A)			EER-	GESAMT- EINGANG (W)				STROMSTÄRKE (A)			COP- Wert		
					220 V	230 V	240 V						220 V	230 V	240 V			
ZWEI GERÄTE	2.5+3.5	6.0	2.21+3.09 (1.50-5.70)	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42		2.83+3.97 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	
	2.5+4.2	6.7	1.98+3.32 (1.50-5.90)	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42		2.27+4.53 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	
	2.5+5.0	7.5	1.77+3.53 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19		2.27+4.53 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	
	2.5+6.0	8.5	1.56+3.74 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19		2.27+4.53 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	
	3.5+3.5	7.0	2.65+2.65 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19		3.40+3.40 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	
	3.5+4.2	7.7	2.41+2.89 (1.50-6.60)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19		2.80+4.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	
	3.5+5.0	8.5	2.18+3.12 (1.50-6.60)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19		2.80+4.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	
	4.2+4.2	8.4	2.65+2.65 (1.50-6.60)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19		2.80+4.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74	

## RAM-53NP3E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP-Wert	
				GESAMT-EINGANG (W)	STROMSTÄRKE (A)						GESAMT-EINGANG (W)	STROMSTÄRKE (A)				
					220 V	230 V	240 V					220 V	230 V	240 V		
EIN GERÄT	1.5	1.5 (1.00-2.20)	1.50	430 (350-480)	1.97	1.89	1.81	3.49	2.00 (1.10-2.20)	2.00	610 (350-650)	2.80	2.68	2.57	3.28	
	1.8	1.8 (1.00-2.00)	1.80	495 (350-750)	2.27	2.17	2.08	3.64	2.50 (1.10-3.20)	2.50	690 (350-1050)	3.17	3.03	2.90	3.62	
	2.5	2.5 (1.00-2.80)	2.50	700 (350-980)	3.21	3.07	2.95	3.57	3.90 (1.10-4.70)	3.90	1060 (350-1380)	4.87	4.66	4.46	3.68	
	3.5	3.5 (1.00-3.90)	3.50	1030 (350-1280)	4.73	4.52	4.34	3.40	4.80 (1.10-5.80)	4.80	1320 (350-1870)	6.06	5.80	5.56	3.64	
	4.2	4.2 (1.00-5.50)	4.20	1500 (350-1660)	6.89	6.59	6.31	2.80	6.50 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
	5.0	5.0 (1.00-5.50)	5.00	1510 (350-1660)	6.93	6.63	6.36	3.31	6.80 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
	6.0	6.0 (1.00-5.50)	6.00	5.30	1510 (350-1660)	6.93	6.63	6.36	3.51	7.00 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87
ZWEIGERÄTE	1.5+1.5	3.0 (1.50-3.90)	1.50+1.50	3.00	920 (350-1000)	4.22	4.04	3.87	3.26	2.00+2.00 (1.50-4.70)	4.00	1060 (350-1380)	4.87	4.66	4.46	3.77
	1.5+1.8	3.3 (1.50-3.90)	1.50+1.80	3.30	1020 (350-1300)	4.68	4.48	4.29	3.24	2.00+2.50 (1.50-5.20)	4.50	1250 (350-1870)	5.74	5.49	5.26	3.60
	1.5+2.5	4.0 (1.50-4.50)	1.50+2.50	4.00	1180 (350-1250)	5.42	5.18	4.97	3.39	2.00+3.90 (1.50-6.50)	5.90	1550 (350-2010)	7.12	6.81	6.52	3.81
	1.5+3.5	5.0 (1.50-5.90)	1.50+3.50	5.00	1480 (350-1660)	6.80	6.50	6.23	3.38	2.00+4.80 (1.50-7.20)	6.80	1590 (350-2010)	7.30	6.98	6.69	4.28
	1.5+4.2	5.7 (1.50-5.90)	1.39+3.91	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	1.60+5.20 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.5+5.0	6.5 (1.50-5.90)	1.22+4.08	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	1.60+5.20 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.5+6.0	7.5 (1.50-5.90)	1.06+4.24	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	1.60+5.20 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.8+1.8	3.6 (1.50-4.00)	1.80+1.80	3.60	1080 (350-1300)	4.96	4.74	4.55	3.33	2.50+2.50 (1.50-5.20)	5.00	1290 (350-1550)	5.92	5.67	5.43	3.88
	1.8+2.5	4.3 (1.50-4.60)	1.80+2.50	4.30	1220 (350-1450)	5.60	5.36	5.13	3.52	2.50+3.90 (1.50-6.30)	6.40	1530 (350-1920)	7.02	6.72	6.44	4.18
	1.8+3.5	5.3 (1.50-5.60)	1.80+3.50	5.30	1260 (350-1660)	5.79	5.53	5.30	4.21	2.31+4.49 (1.50-7.20)	6.80	1610 (350-2010)	7.39	7.07	6.78	4.22
	1.8+4.2	6.0 (1.50-5.90)	1.59+3.71	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	1.80+5.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.8+5.0	6.8 (1.50-5.90)	1.40+3.90	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	1.80+5.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	1.8+6.0	7.8 (1.50-5.90)	1.22+4.08	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	1.80+5.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
2.5+2.5	5.0 (1.50-5.60)	2.50+2.50	5.00	1470 (350-1660)	6.75	6.46	6.19	3.40	3.40+3.40 (1.50-7.20)	6.80	1780 (350-2010)	8.17	7.82	7.49	3.82	

## RAM-53NP3E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP- Wert			
				GESAMTEINGANG (W)	STROMSTÄRKE (A)					GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V					240 V	220 V		230 V	240 V	
ZWEI GERÄTE	2.5+3.5	6.0	2.21+3.09 (1.50-5.70)	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	2.83+3.97 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	2.5+4.2	6.7	1.98+3.32 (1.50-5.90)	5.30	1550 (350-1660)	7.12	6.81	6.52	3.42	2.27+4.53 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	2.5+5.0	7.5	1.77+3.53 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	2.27+4.53 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	2.5+6.0	8.5	1.56+3.74 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	2.27+4.53 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	3.5+3.5	7.0	2.65+2.65 (1.50-5.90)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	3.40+3.40 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	3.5+4.2	7.7	2.41+2.89 (1.50-6.60)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	2.80+4.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	3.5+5.0	8.5	2.18+3.12 (1.50-6.60)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	2.80+4.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
	4.2+4.2	8.4	2.65+2.65 (1.50-6.60)	5.30	1660 (350-1660)	7.62	7.29	6.99	3.19	2.80+4.00 (1.50-7.20)	6.80	1820 (350-2010)	8.36	7.99	7.66	3.74
DREI GERÄTE	1.5+1.5+1.5	4.5	1.50+1.50+1.50 (2.20-5.00)	4.50	1400 (420-1680)	6.43	6.15	5.89	3.21	2.00+2.00+2.00 (2.40-6.50)	6.00	1650 (430-1800)	7.58	7.25	6.94	3.64
	1.5+1.5+1.8	4.8	1.50+1.50+1.80 (2.20-5.50)	4.80	1480 (240-1880)	6.80	6.50	6.23	3.24	2.00+2.00+2.50 (2.40-7.00)	6.50	1750 (430-2100)	8.03	7.69	7.37	3.71
	1.5+1.5+2.5	5.5	1.45+1.45+2.41 (2.20-6.00)	5.30	1680 (420-2280)	7.71	7.38	7.07	3.15	1.84+1.84+3.12 (2.20-9.30)	6.80	1850 (430-2200)	8.49	8.12	7.79	3.68
	1.5+1.5+3.5	6.5	1.22+1.22+2.85 (2.20-7.00)	5.30	1800 (420-2480)	8.26	7.91	7.58	2.94	1.64+1.64+3.52 (2.40-9.50)	6.80	1850 (430-2500)	8.49	8.12	7.79	3.68
	1.5+1.5+4.2	7.2	1.10+1.10+3.09 (2.20-7.50)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.30+1.30+4.21 (2.40-9.50)	6.80	1850 (430-2600)	8.49	8.12	7.79	3.68
	1.5+1.5+5.0	8.0	0.99+0.99+3.31 (2.20-7.50)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.30+1.30+4.21 (2.40-9.50)	6.80	2000 (430-2600)	9.18	8.78	8.42	3.40
	1.5+1.8+1.8	5.1	1.50+1.80+1.80 (2.20-5.60)	5.10	1500 (420-2280)	6.89	6.59	6.31	3.40	1.94+2.43+2.43 (2.20-9.30)	6.80	1850 (430-2400)	8.49	8.12	7.79	3.68
	1.5+1.8+2.5	5.8	1.37+1.64+2.28 (2.20-6.30)	5.30	1590 (420-2480)	7.30	6.98	6.69	3.33	1.72+2.15+2.93 (2.40-9.50)	6.80	1850 (430-2600)	8.49	8.12	7.79	3.68
	1.5+1.8+3.5	6.8	1.17+1.40+2.73 (2.20-7.50)	5.30	1680 (420-2480)	7.71	7.38	7.07	3.15	1.55+1.93+3.32 (2.40-9.50)	6.80	1850 (430-2600)	8.49	8.12	7.79	3.68
	1.5+1.8+4.2	7.5	1.06+1.27+2.97 (2.20-7.50)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.24+1.55+4.02 (2.40-9.50)	6.80	1850 (430-2600)	8.49	8.12	7.79	3.68
	1.5+1.8+5.0	8.3	0.96+1.15+3.19 (2.20-7.50)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.24+1.55+4.02 (2.40-9.50)	6.80	2050 (430-2600)	9.41	9.00	8.63	3.32
	1.5+2.5+2.5	6.5	1.22+2.04+2.04 (1.50-7.00)	5.30	1710 (420-2480)	7.85	7.51	7.20	3.10	1.55+2.63+2.63 (2.40-9.50)	6.80	1850 (430-2600)	8.49	8.12	7.79	3.68
	1.5+2.5+3.5	7.5	1.06+1.77+2.47 (2.20-7.80)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.40+2.38+3.01 (2.40-9.50)	6.80	1850 (430-2600)	8.49	8.12	7.79	3.68



## RAM-53NP3E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP- Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			GESAMTEINGANG (W)				STROMSTÄRKE (A) bei 220-240 V	220 V	230 V	240 V	
					220 V	230 V	240 V									
DREI GERÄTE	1.5+2.5+4.2	8.2	0.97+1.62+2.71 (2.20-8.00)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.14+1.94+3.71 (2.40-9.50)	6.80	1930 (430-2600)	8.86	8.48	8.12	3.52
	1.5+3.5+3.5	8.5	0.94+2.18+2.18 (2.20-8.00)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.28+2.76+2.76 (2.40-9.50)	6.80	2100 (430-2600)	9.64	9.22	8.84	3.24
	1.8+1.8+1.8	5.4	1.77+1.77+1.77 (2.20-5.90)	5.30	1500 (420-2190)	6.89	6.59	6.31	3.53	2.27+2.27+2.27 (2.40-9.50)	6.80	1860 (430-2600)	8.54	8.17	7.83	3.66
	1.8+1.8+2.5	6.1	1.56+1.56+2.17 (2.20-6.70)	5.30	1610 (420-2480)	7.39	7.07	6.78	3.29	2.02+2.02+2.75 (2.40-9.50)	6.80	1740 (430-2600)	7.99	7.64	7.32	3.91
	1.8+1.8+3.5	7.1	1.34+1.34+2.61 (2.20-7.80)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.83+1.83+3.14 (2.40-9.50)	6.80	1820 (430-2600)	8.36	7.99	7.66	3.74
	1.8+1.8+4.2	7.8	1.22+1.22+2.85 (2.20-8.00)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.48+1.48+3.84 (2.40-9.50)	6.80	1950 (430-2600)	8.95	8.56	8.21	3.49
	1.8+1.8+5.0	8.6	1.11+1.11+3.08 (2.20-8.00)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.48+1.48+3.84 (2.40-9.50)	6.80	2100 (430-2600)	9.64	9.22	8.84	3.24
	1.8+2.5+2.5	6.8	1.40+1.95+1.95 (2.20-7.50)	5.30	1730 (420-2780)	7.94	7.60	7.28	3.06	1.83+2.49+2.49 (2.40-9.50)	6.80	1760 (430-2600)	8.08	7.73	7.41	3.86
	1.8+2.5+3.5	7.8	1.22+1.70+2.38 (2.20-8.00)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.67+2.27+2.87 (2.40-9.50)	6.80	1820 (430-2600)	8.36	7.99	7.66	3.74
	1.8+2.5+4.2	8.5	1.12+1.56+2.62 (2.20-8.00)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.37+1.86+3.56 (2.40-9.50)	6.80	1970 (430-2600)	9.04	8.65	8.29	3.45
	1.8+3.5+3.5	8.8	1.08+2.11+2.11 (2.20-8.00)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	1.53+2.63+2.63 (2.40-9.50)	6.80	2100 (430-2600)	9.64	9.22	8.84	3.24
	2.5+2.5+2.5	7.5	1.77+1.77+1.77 (2.20-7.80)	5.30	1800 (420-2890)	8.26	7.91	7.58	2.94	2.27+2.27+2.27 (2.40-9.50)	6.80	1870 (430-2600)	8.59	8.21	7.87	3.64
	2.5+2.5+3.5	8.5	1.56+1.56+2.18 (2.20-8.00)	5.30	1800 (420-2960)	8.26	7.91	7.58	2.94	2.08+2.08+2.63 (2.40-9.50)	6.80	1930 (430-2600)	8.86	8.48	8.12	3.52

## RAM-68NP3E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			EER	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert			
				GESAMTEINGANG (W)	STROMSTÄRKE (A)					GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V					240 V	220 V		230 V	240 V	
EIN GERÄT	1.5	1.5 (1.00-2.20)	1.50	430 (350-480)	1.97	1.89	1.81	3.49	2.00 (1.10-2.20)	2.00	610 (350-650)	2.80	2.68	2.57	3.28	
	1.8	1.8 (1.00-2.00)	1.80	495 (350-750)	2.27	2.17	2.08	3.64	2.50 (1.10-3.20)	2.50	690 (350-1050)	3.17	3.03	2.90	3.62	
	2.5	2.5 (1.00-2.80)	2.50	700 (350-980)	3.21	3.07	2.95	3.57	3.90 (1.10-4.70)	3.90	1060 (350-1380)	4.87	4.66	4.46	3.68	
	3.5	3.5 (1.00-3.90)	3.50	1030 (350-1280)	4.73	4.52	4.34	3.40	4.80 (1.10-5.80)	4.80	1320 (350-1870)	6.06	5.80	5.56	3.64	
	4.2	4.2 (1.00-5.50)	4.20	1500 (350-1660)	6.89	6.59	6.31	2.80	6.50 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
	5.0	5.0 (1.00-5.50)	5.00	1510 (350-1660)	6.93	6.63	6.36	3.31	6.80 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
	6.0	6.0 (1.00-5.50)	6.00	5.30 1510 (350-1660)	6.93	6.63	6.36	3.51	7.00 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
ZWEI GERÄTE	1.5+1.5	3.0 (1.50-2.80)	1.50+1.50	3.00	870 (380-980)	3.99	3.82	3.66	3.45	2.00+2.00 (2.20-4.70)	4.00	1080 (200-1100)	4.96	4.74	4.55	3.70
	1.5+1.8	3.3 (1.50-3.50)	1.50+1.80	3.30	950 (380-1000)	4.36	4.17	4.00	3.47	2.00+2.50 (2.20-5.20)	4.50	1200 (200-1300)	5.51	5.27	5.05	3.75
	1.5+2.5	4.0 (1.50-4.00)	1.50+2.50	4.00	1300 (380-1300)	5.97	5.71	5.47	3.08	2.00+3.40 (2.20-6.40)	5.40	1450 (200-1780)	6.66	6.37	6.10	3.72
	1.5+3.5	5.0 (1.50-5.20)	1.50+3.50	5.00	1450 (380-1450)	6.66	6.37	6.10	3.45	2.00+4.30 (2.20-7.20)	6.30	1660 (200-2010)	7.62	7.29	6.99	3.80
	1.5+4.2	5.7 (1.50-5.90)	1.50+4.20	5.70	1700 (380-2380)	7.81	7.47	7.15	3.35	2.00+6.50 (2.20-7.20)	8.50	2200 (390-3120)	10.10	9.66	9.26	3.86
	1.5+5.0	6.5 (1.50-5.90)	1.50+5.00	6.50	1830 (380-2380)	8.40	8.04	7.70	3.55	2.00+6.50 (2.20-7.20)	8.50	2200 (390-3120)	10.10	9.66	9.26	3.86
	1.5+6.0	7.5 (1.50-6.50)	1.36+5.44	6.80	2120 (380-2580)	9.73	9.31	8.92	3.21	1.83+6.67 (2.20-8.60)	8.50	2200 (390-3120)	10.10	9.66	9.26	3.86
	1.8+1.8	3.6 (2.00-4.00)	1.80+1.80	3.60	1020 (380-1020)	4.68	4.48	4.29	3.53	2.50+2.50 (2.20-6.40)	5.00	1380 (390-2750)	6.34	6.06	5.81	3.62
	1.8+2.5	4.3 (2.00-4.70)	1.80+2.50	4.30	1380 (380-1360)	6.34	6.06	5.81	3.12	2.50+3.40 (2.20-7.20)	5.90	1580 (390-3000)	7.25	6.94	6.65	3.73
	1.8+3.5	5.3 (2.00-5.80)	1.80+3.50	5.30	1750 (380-1950)	8.03	7.69	7.37	3.03	2.50+4.30 (2.20-7.20)	6.80	1610 (390-3120)	7.39	7.07	6.78	4.22
	1.8+4.2	6.0 (2.00-7.10)	1.80+5.00	6.00	1830 (380-2820)	8.40	8.04	7.70	3.28	2.36+6.14 (2.20-9.50)	8.50	2120 (390-3120)	9.73	9.31	8.92	4.01
	1.8+5.0	6.8 (2.00-7.10)	1.80+5.00	6.80	1830 (380-2820)	8.40	8.04	7.70	3.72	2.36+6.14 (2.20-9.50)	8.50	2120 (390-3120)	9.73	9.31	8.92	4.01
	1.8+6.0	7.8 (2.00-7.50)	1.70+5.40	6.80	2450 (380-2980)	11.25	10.76	10.31	2.78	2.17+6.33 (2.20-9.50)	8.50	2200 (390-3120)	10.10	9.66	9.26	3.86

## RAM-68NP3E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert			
				GESAMTEINGANG (W)	STROMSTÄRKE (A)					GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V					240 V	220 V		230 V	240 V	
ZWEI GERÄTE	2.5+2.5	5.0	2.50+2.50 (2.00-5.50)	5.00	1480 (380-1720)	6.80	6.50	6.23	3.38	3.40+3.40 (2.20-9.50)	6.80	2000 (390-3120)	9.18	8.78	8.42	3.40
	2.5+3.5	6.0	2.50+3.50 (2.00-6.60)	6.00	1850 (380-2380)	8.49	8.12	7.79	3.24	3.40+4.30 (2.20-9.50)	7.70	2120 (390-3120)	9.73	9.31	8.92	3.63
	2.5+4.2	6.7	2.50+4.20 (2.00-7.50)	6.70	2060 (380-2980)	9.46	9.05	8.67	3.25	2.92+5.58 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	2.5+5.0	7.5	2.27+4.53 (2.00-7.50)	6.80	2060 (380-2980)	9.46	9.05	8.67	3.30	2.92+5.58 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	2.5+6.0	8.5	2.10+5.00 (2.00-7.50)	6.80	2450 (380-2980)	11.25	10.76	10.31	2.78	2.70+5.80 (2.20-9.50)	8.50	2450 (390-3120)	11.25	10.76	10.31	3.47
	3.5+3.5	7.0	3.40+3.40 (2.00-7.40)	6.80	2060 (380-2940)	9.46	9.05	8.67	3.30	4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	3.5+4.2	7.7	3.09+3.71 (2.00-7.50)	6.80	2060 (380-2890)	9.46	9.05	8.67	3.30	3.38+5.12 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	3.5+5.0	8.5	2.80+4.00 (2.00-7.50)	6.80	2060 (380-2890)	9.46	9.05	8.67	3.30	3.38+5.12 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	3.5+6.0	9.5	2.60+4.50 (2.00-7.80)	6.80	2450 (380-3100)	11.25	10.76	10.31	2.78	3.15+5.35 (2.20-9.50)	8.50	2450 (390-3120)	11.25	10.76	10.31	3.47
	4.2+4.2	8.4	3.40+3.40 (2.00-8.00)	6.80	2060 (380-3170)	9.46	9.05	8.67	3.30	4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	4.2+5.0	9.2	3.10+3.70 (2.00-8.00)	6.80	2060 (380-3170)	9.46	9.05	8.67	3.30	4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	4.2+6.0	10.2	2.80+4.00 (2.00-8.00)	6.80	2060 (380-3170)	9.46	9.05	8.67	3.30	4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	5.0+5.0	10.0	3.40+3.40 (2.00-8.00)	6.80	2060 (380-3170)	9.46	9.05	8.67	3.30	4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	5.0+6.0	11.0	3.20+3.90 (2.00-8.00)	6.80	2360 (380-3170)	10.84	10.36	9.93	2.88	4.00+4.50 (2.20-9.50)	8.50	2450 (390-3120)	11.25	10.76	10.31	3.47
DREI GERÄTE	1.5+1.5+1.5	4.5	1.50+1.50+1.50 (2.20-5.00)	4.50	1400 (420-1680)	6.43	6.15	5.89	3.21	2.00+2.00+2.00 (2.40-6.50)	6.00	1650 (430-1800)	7.58	7.25	6.94	3.64
	1.5+1.5+1.8	4.8	1.50+1.50+1.80 (2.20-5.50)	4.80	1480 (240-1880)	6.80	6.50	6.23	3.24	2.00+2.00+2.50 (2.40-7.00)	6.50	1750 (430-2100)	8.03	7.69	7.37	3.71
	1.5+1.5+2.5	5.5	1.50+1.50+2.50 (2.20-6.00)	5.50	1680 (420-2280)	7.71	7.38	7.07	3.27	2.00+2.00+3.40 (2.20-9.30)	7.40	2010 (430-2200)	9.23	8.83	8.46	3.68
	1.5+1.5+3.5	6.5	1.50+1.50+3.50 (2.20-7.00)	6.50	2010 (420-2480)	9.23	8.83	8.46	3.23	2.00+2.00+4.30 (2.40-9.50)	8.30	2260 (430-2500)	10.38	9.93	9.51	3.67
	1.5+1.5+4.2	7.2	1.42+1.42+3.97 (2.20-7.50)	6.80	2100 (420-2890)	9.64	9.22	8.84	3.24	1.62+1.62+5.26 (2.40-9.50)	8.50	2300 (430-2600)	10.56	10.10	9.68	3.70
	1.5+1.5+5.0	8.0	1.28+1.28+4.25 (2.20-7.50)	6.80	2100 (420-2890)	9.64	9.22	8.84	3.24	1.62+1.62+5.26 (2.40-9.50)	8.50	2300 (430-2600)	10.56	10.10	9.68	3.70
	1.5+1.5+6.0	9.0	1.13+1.13+4.53 (2.20-8.00)	6.80	2180 (420-2960)	10.01	9.57	9.18	3.12	1.53+1.38+5.59 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76

## RAM-68NP3E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB					
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				EER	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP-Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)						GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V			
					220 V	230 V	240 V					220 V	230 V	240 V	
1.5+1.8+1.8	5.1	1.50+1.80+1.80 (2.20-5.60)	5.10	1550 (420-2280)	7.12	6.81	6.52	3.29	2.00+2.50+2.50 (2.20-9.30)	7.00	1900 (430-2400)	8.72	8.34	8.00	3.68
1.5+1.8+2.5	5.8	1.50+1.80+2.50 (2.20-6.30)	5.80	1800 (420-2480)	8.26	7.91	7.58	3.22	2.00+2.50+3.40 (2.40-9.50)	7.90	2150 (430-2600)	9.87	9.44	9.05	3.67
1.5+1.8+3.5	6.8	1.50+1.80+3.50 (2.20-7.50)	6.80	2100 (420-2480)	9.64	9.22	8.84	3.24	1.93+2.41+4.15 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+1.8+4.2	7.5	1.36+1.63+3.81 (2.20-7.50)	6.80	2100 (420-2890)	9.64	9.22	8.84	3.24	1.55+1.93+5.02 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+1.8+5.0	8.3	1.23+1.47+4.10 (2.20-7.50)	6.80	2100 (420-2890)	9.64	9.22	8.84	3.24	1.55+1.93+5.02 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+1.8+6.0	9.3	1.10+1.32+4.39 (2.20-8.00)	6.80	2180 (420-2960)	10.01	9.57	9.18	3.12	1.44+1.80+5.26 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+2.5+2.5	6.5	1.50+2.50+2.50 (1.50-7.00)	6.50	2020 (420-2480)	9.27	8.87	8.50	3.22	1.93+3.28+3.28 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+2.5+3.5	7.5	1.36+2.27+3.17 (2.20-7.80)	6.80	2100 (420-2890)	9.64	9.22	8.84	3.24	1.75+2.98+3.77 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+2.5+4.2	8.2	1.24+2.07+3.48 (2.20-8.00)	6.80	2100 (420-2960)	9.64	9.22	8.84	3.24	1.43+2.43+4.64 (2.40-9.50)	8.50	2310 (430-2600)	10.61	10.14	9.72	3.68
1.5+2.5+5.0	9.0	1.13+1.89+3.78 (2.20-8.00)	6.80	2100 (420-2960)	9.64	9.22	8.84	3.24	1.43+2.43+4.64 (2.40-9.50)	8.50	2310 (430-2600)	10.61	10.14	9.72	3.68
1.5+2.5+6.0	10.0	1.02+1.70+4.08 (2.20-8.00)	6.80	2180 (420-2960)	10.01	9.57	9.18	3.12	1.34+2.28+4.89 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+3.5+3.5	8.5	1.20+2.80+2.80 (2.20-8.00)	6.80	2100 (420-2890)	9.64	9.22	8.84	3.24	1.60+3.45+3.45 (2.40-9.50)	8.50	2310 (430-2600)	10.61	10.14	9.72	3.68
1.5+3.5+4.2	9.2	1.11+2.59+3.10 (2.20-8.00)	6.80	2100 (420-2960)	9.64	9.22	8.84	3.24	1.33+2.86+4.32 (2.40-9.50)	8.50	2310 (430-2600)	10.61	10.14	9.72	3.68
1.5+3.5+5.0	10.0	1.02+2.38+3.40 (2.20-8.00)	6.80	2100 (420-2960)	9.64	9.22	8.84	3.24	1.33+2.86+4.32 (2.40-9.50)	8.50	2310 (430-2600)	10.61	10.14	9.72	3.68
1.5+3.5+6.0	11.0	0.93+2.16+3.71 (2.20-8.00)	6.80	2180 (420-2960)	10.01	9.57	9.18	3.12	1.14+2.73+4.63 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+4.2+4.2	9.9	1.03+2.88+2.88 (2.20-8.00)	6.80	2180 (420-2960)	10.01	9.57	9.18	3.12	1.03+3.73+3.73 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+4.2+5.0	10.7	0.95+2.67+3.18 (2.20-8.00)	6.80	2180 (420-2960)	10.01	9.57	9.18	3.12	1.03+3.73+3.73 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.8+1.8+1.8	5.4	1.80+1.80+1.80 (2.20-5.90)	5.40	1450 (420-2190)	6.66	6.37	6.10	3.72	2.50+2.50+2.50 (2.40-9.50)	7.50	2050 (430-2600)	9.41	9.00	8.63	3.66
1.8+1.8+2.5	6.1	1.80+1.80+2.50 (2.20-6.70)	6.10	1720 (420-2480)	7.90	7.55	7.24	3.55	2.50+2.50+3.40 (2.40-9.50)	8.40	2150 (430-2600)	9.87	9.44	9.05	3.91
1.8+1.8+3.5	7.1	1.72+1.72+3.35 (2.20-7.80)	6.80	2080 (420-2890)	9.55	9.13	8.75	3.27	2.28+2.28+3.93 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73
1.8+1.8+4.2	7.8	1.57+1.57+3.66 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	1.85+1.85+4.80 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73

## RAM-68NP3E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					EER	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP-Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			GESAMTEINGANG (W)				STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V	240 V					220 V	230 V	240 V		
1.8+1.8+5.0	8.6	1.42+1.42+3.95 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	1.85+1.85+4.80 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+1.8+6.0	9.6	1.28+1.28+4.25 (2.20-8.00)	6.80	2160 (420-2960)	9.92	9.49	9.09	3.15	1.73+1.73+5.04 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+2.5+2.5	6.8	1.80+2.50+2.50 (2.20-7.50)	6.80	2080 (420-2780)	9.55	9.13	8.75	3.27	2.28+3.11+3.11 (2.40-9.50)	8.50	2200 (430-2600)	10.10	9.66	9.26	3.86	
1.8+2.5+3.5	7.8	1.57+2.18+3.05 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.08+2.83+3.58 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+2.5+4.2	8.5	1.44+2.00+3.36 (2.20-8.00)	6.80	2080 (440-2770)	9.55	9.13	8.75	3.27	1.71+2.33+4.46 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+2.5+5.0	9.3	1.32+1.83+3.66 (2.20-8.00)	6.80	2080 (440-2770)	9.55	9.13	8.75	3.27	1.71+2.33+4.46 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+2.5+6.0	10.3	1.19+1.65+3.96 (2.20-8.00)	6.80	2160 (420-2960)	9.92	9.49	9.09	3.15	1.61+2.19+4.70 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76	
1.8+3.5+3.5	8.8	1.39+2.70+2.70 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	1.91+3.29+3.29 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+3.5+4.2	9.5	1.29+2.51+3.01 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	1.60+2.75+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+3.5+5.0	10.3	1.19+2.31+3.30 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	1.60+2.75+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+4.2+4.2	10.2	1.20+2.80+2.80 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	1.37+3.56+3.56 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
1.8+4.2+5.0	11.0	1.11+2.60+3.09 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	1.37+3.56+3.56 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
2.5+2.5+2.5	7.5	2.27+2.27+2.27 (2.20-7.80)	6.80	2080 (420-2890)	9.55	9.13	8.75	3.27	2.83+2.83+2.83 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71	
2.5+2.5+3.5	8.5	2.00+2.00+2.80 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.60+2.60+3.29 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71	
2.5+2.5+4.2	9.2	1.85+1.85+3.10 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.17+2.17+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
2.5+2.5+5.0	10.0	1.70+1.70+3.40 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.17+2.17+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
2.5+2.5+6.0	11.0	1.55+1.55+3.71 (2.20-8.00)	6.80	2160 (420-2960)	9.92	9.49	9.09	3.15	2.05+2.05+4.40 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76	
2.5+3.5+3.5	9.5	1.79+2.51+2.51 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.41+3.05+3.05 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71	
2.5+3.5+4.2	10.2	1.67+2.33+2.80 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.04+2.57+3.89 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
2.5+3.5+5.0	11.0	1.55+2.16+3.09 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.04+2.57+3.89 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
2.5+4.2+4.2	10.9	1.56+2.62+2.62 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.04+2.57+3.89 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
3.5+3.5+3.5	10.5	2.27+2.27+2.27 (2.20-8.00)	6.80	2080 (420-2960)	9.55	9.13	8.75	3.27	2.83+2.83+2.83 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	

DREI GERÄTE

## RAM-70NP4E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP-Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			GESAMTEINGANG (W)				STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V	240 V					220 V	230 V	240 V		
EIN GERÄT	1.5	1.5 (1.00-2.20)	1.50	430 (350-480)	1.97	1.89	1.81	3.49	2.00 (1.10-2.20)	2.00	610 (350-650)	2.80	2.68	2.57	3.28	
	1.8	1.8 (1.00-2.00)	1.80	495 (350-750)	2.27	2.17	2.08	3.64	2.50 (1.10-3.20)	2.50	690 (350-1050)	3.17	3.03	2.90	3.62	
	2.5	2.5 (1.00-2.80)	2.50	700 (350-980)	3.21	3.07	2.95	3.57	3.90 (1.10-4.70)	3.90	1060 (350-1380)	4.87	4.66	4.46	3.68	
	3.5	3.5 (1.00-3.90)	3.50	1030 (350-1280)	4.73	4.52	4.34	3.40	4.80 (1.10-5.80)	4.80	1320 (350-1870)	6.06	5.80	5.56	3.64	
	4.2	4.2 (1.00-5.50)	4.20	1500 (350-1660)	6.89	6.59	6.31	2.80	6.50 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
	5.0	5.0 (1.00-5.50)	5.00	1510 (350-1660)	6.93	6.63	6.36	3.31	6.80 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
	6.0	6.0 (1.00-5.50)	6.00	1510 (350-1660)	6.93	6.63	6.36	3.51	7.00 (1.10-7.20)	6.50	1680 (350-2010)	7.71	7.38	7.07	3.87	
ZWEI GERÄTE	1.5+1.5	3.0 (1.50-2.80)	3.00	870 (380-980)	3.99	3.82	3.66	3.45	2.00+2.00 (2.20-4.70)	4.00	1080 (200-1100)	4.96	4.74	4.55	3.70	
	1.5+1.8	3.3 (1.50-3.50)	3.30	950 (380-1000)	4.36	4.17	4.00	3.47	2.00+2.50 (2.20-5.20)	4.50	1200 (200-1300)	5.51	5.27	5.05	3.75	
	1.5+2.5	4.0 (1.50-4.00)	4.00	1150 (380-1300)	5.28	5.05	4.84	3.48	2.00+3.40 (2.20-6.40)	5.40	1450 (200-1780)	6.66	6.37	6.10	3.72	
	1.5+3.5	5.0 (1.50-5.20)	5.00	1450 (380-1450)	6.66	6.37	6.10	3.45	2.00+4.30 (2.20-7.20)	6.30	1660 (200-2010)	7.62	7.29	6.99	3.80	
	1.5+4.2	5.7 (1.50-5.90)	5.70	1950 (380-2380)	8.95	8.56	8.21	2.92	2.00+6.50 (2.20-7.20)	8.50	2200 (390-3120)	10.10	9.66	9.26	3.86	
	1.5+5.0	6.5 (1.50-5.90)	6.50	2000 (380-2380)	9.18	8.78	8.42	3.25	2.00+6.50 (2.20-7.20)	8.50	2200 (390-3120)	10.10	9.66	9.26	3.86	
	1.5+6.0	7.5 (1.50-6.50)	7.00	2000 (380-2580)	9.18	8.78	8.42	3.50	1.83+6.67 (2.20-8.60)	8.50	2200 (390-3120)	10.10	9.66	9.26	3.86	
	1.8+1.8	3.6 (2.00-4.00)	3.60	1020 (380-1020)	4.68	4.48	4.29	3.53	2.50+2.50 (2.20-6.40)	5.00	1380 (390-2750)	6.34	6.06	5.81	3.62	
	1.8+2.5	4.3 (2.00-4.70)	4.30	1120 (380-1360)	5.14	4.92	4.71	3.84	2.50+3.40 (2.20-7.20)	5.90	1610 (390-3000)	7.39	7.07	6.78	3.66	
	1.8+3.5	5.3 (2.00-5.80)	5.30	1600 (380-1950)	7.35	7.03	6.73	3.31	2.50+4.30 (2.20-7.20)	6.80	1850 (390-3120)	8.49	8.12	7.79	3.68	
	1.8+4.2	6.0 (2.00-7.10)	6.00	1800 (380-2820)	8.26	7.91	7.58	3.33	2.36+6.14 (2.20-9.50)	8.50	2110 (390-3120)	9.69	9.27	8.88	4.03	
	1.8+5.0	6.8 (2.00-7.10)	6.80	1830 (380-2820)	8.40	8.04	7.70	3.72	2.36+6.14 (2.20-9.50)	8.50	2120 (390-3120)	9.73	9.31	8.92	4.01	
	1.8+6.0	7.8 (2.00-7.50)	7.00	2100 (380-2980)	9.64	9.22	8.84	3.33	2.17+6.33 (2.20-9.50)	8.50	2150 (390-3120)	9.87	9.44	9.05	3.95	

## RAM-70NP4E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB							
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					COP- Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			STROMSTÄRKE (A) bei 220-240 V				GESAMTEINGANG (W)	STROMSTÄRKE (A)				
					220 V	230 V	240 V						220 V	230 V	240 V		
ZWEIGERÄTE	2.5+2.5	5.0	2.50+2.50 (2.00-5.50)	5.00	1410 (380-1720)	6.47	6.19	5.93	3.55		3.40+3.40 (2.20-9.50)	6.80	1850 (390-3120)	8.49	8.12	7.79	3.68
	2.5+3.5	6.0	2.50+3.50 (2.00-6.60)	6.00	1850 (380-2380)	8.49	8.12	7.79	3.24		3.60+4.30 (2.20-9.50)	7.70	2120 (390-3120)	9.73	9.31	8.92	3.63
	2.5+4.2	6.7	2.50+4.20 (2.00-7.50)	6.70	2100 (380-2980)	9.64	9.22	8.84	3.19		2.92+5.58 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	2.5+5.0	7.5	2.33+4.67 (2.00-7.50)	7.00	2100 (380-2980)	9.64	9.22	8.84	3.33		2.92+5.58 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	2.5+6.0	8.5	2.06+4.94 (2.00-7.50)	7.00	2100 (380-2980)	9.64	9.22	8.84	3.33		2.70+5.80 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	3.5+3.5	7.0	3.50+3.50 (2.00-7.40)	7.00	1890 (380-2940)	8.68	8.30	7.95	3.70		4.25+4.25 (2.20-9.50)	8.50	2020 (390-3120)	9.27	8.87	8.50	4.21
	3.5+4.2	7.7	3.18+3.82 (2.00-7.50)	7.00	2100 (380-2890)	9.64	9.22	8.84	3.33		3.38+5.12 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	3.5+5.0	8.5	2.88+4.12 (2.00-7.50)	7.00	2100 (380-2890)	9.64	9.22	8.84	3.33		3.38+5.12 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	3.5+6.0	9.5	2.58+4.42 (2.00-7.80)	7.00	2100 (380-3100)	9.64	9.22	8.84	3.33		3.15+5.35 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	4.2+4.2	8.4	3.50+3.50 (2.00-8.00)	7.00	2100 (380-3170)	9.64	9.22	8.84	3.33		4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	4.2+5.0	9.2	3.20+3.80 (2.00-8.00)	7.00	2100 (380-3170)	9.64	9.22	8.84	3.33		4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	4.2+6.0	10.2	2.88+4.12 (2.00-8.00)	7.00	2100 (380-3170)	9.64	9.22	8.84	3.33		4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	5.0+5.0	10.0	3.50+3.50 (2.00-8.00)	7.00	2100 (380-3170)	9.64	9.22	8.84	3.33		4.25+4.25 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
	5.0+6.0	11.0	3.18+3.82 (2.00-8.00)	7.00	2100 (380-3170)	9.64	9.22	8.84	3.33		4.00+4.50 (2.20-9.50)	8.50	2350 (390-3120)	10.79	10.32	9.89	3.62
DREIGERÄTE	1.5+1.5+1.5	4.5	1.50+1.50+1.50 (2.20-5.00)	4.50	1400 (420-1680)	6.43	6.15	5.89	3.21		2.00+2.00+2.00 (2.40-6.50)	6.00	1650 (430-1800)	7.58	7.25	6.94	3.64
	1.5+1.5+1.8	4.8	1.50+1.50+1.80 (2.20-5.50)	4.80	1480 (240-1880)	6.80	6.50	6.23	3.24		2.00+2.00+2.50 (2.40-7.00)	6.50	1750 (430-2100)	8.03	7.69	7.37	3.71
	1.5+1.5+2.5	5.5	1.50+1.50+2.50 (2.20-6.00)	5.50	1680 (420-2280)	7.71	7.38	7.07	3.27		2.00+2.00+3.40 (2.20-9.30)	7.40	2010 (430-2200)	9.23	8.83	8.46	3.68
	1.5+1.5+3.5	6.5	1.50+1.50+3.50 (2.20-7.00)	6.50	2010 (420-2480)	9.23	8.83	8.46	3.23		2.00+2.00+4.30 (2.40-9.50)	8.30	2260 (430-2500)	10.38	9.93	9.51	3.67
	1.5+1.5+4.2	7.2	1.46+1.46+4.08 (2.20-7.50)	7.00	2100 (420-2890)	9.64	9.22	8.84	3.33		1.62+1.62+5.26 (2.40-9.50)	8.50	2300 (430-2600)	10.56	10.10	9.68	3.70
	1.5+1.5+5.0	8.0	1.31+1.31+4.38 (2.20-7.50)	7.00	2100 (420-2890)	9.64	9.22	8.84	3.33		1.62+1.62+5.26 (2.40-9.50)	8.50	2300 (430-2600)	10.56	10.10	9.68	3.70
	1.5+1.5+6.0	9.0	1.17+1.17+4.67 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33		1.53+1.38+5.59 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76

## RAM-70NP4E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB					
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert		
				GESAMTEINGANG (W)	STROMSTÄRKE (A)					GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V					240 V	220 V		230 V	240 V
1.5+1.8+1.8	5.1	1.50+1.80+1.80 (2.20-5.60)	5.10	1550 (420-2280)	7.12	6.81	6.52	3.29	2.00+2.50+2.50 (2.20-9.30)	7.00	1900 (430-2400)	8.72	8.34	8.00	3.68
1.5+1.8+2.5	5.8	1.50+1.80+2.50 (2.20-6.30)	5.80	1800 (420-2480)	8.26	7.91	7.58	3.22	2.00+2.50+3.40 (2.40-9.50)	7.90	2150 (430-2600)	9.87	9.44	9.05	3.67
1.5+1.8+3.5	6.8	1.50+1.80+3.50 (2.20-7.50)	6.80	2100 (420-2480)	9.64	9.22	8.84	3.24	1.93+2.41+4.15 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+1.8+4.2	7.5	1.40+1.68+3.92 (2.20-7.50)	7.00	2100 (420-2890)	9.64	9.22	8.84	3.33	1.55+1.93+5.02 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+1.8+5.0	8.3	1.27+1.52+4.22 (2.20-7.50)	7.00	2100 (420-2890)	9.64	9.22	8.84	3.33	1.55+1.93+5.02 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+1.8+6.0	9.3	1.13+1.35+4.52 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.44+1.80+5.26 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+2.5+2.5	6.5	1.50+2.50+2.50 (2.20-7.00)	6.50	2020 (420-2480)	9.27	8.87	8.50	3.22	1.93+3.28+3.28 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+2.5+3.5	7.5	1.40+2.33+3.27 (2.20-7.80)	7.00	2100 (420-2890)	9.64	9.22	8.84	3.33	1.75+2.98+3.77 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.5+2.5+4.2	8.2	1.28+2.13+3.59 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.43+2.43+4.64 (2.40-9.50)	8.50	2310 (430-2600)	10.61	10.14	9.72	3.68
1.5+2.5+5.0	9.0	1.17+1.94+3.89 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.43+2.43+4.64 (2.40-9.50)	8.50	2310 (430-2600)	10.61	10.14	9.72	3.68
1.5+2.5+6.0	10.0	1.05+1.75+4.20 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.34+2.28+4.89 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+3.5+3.5	8.5	1.24+2.88+2.88 (2.20-8.00)	7.00	2100 (420-2890)	9.64	9.22	8.84	3.33	1.60+3.45+3.45 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+3.5+4.2	9.2	1.14+2.66+3.20 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.33+2.86+4.32 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+3.5+5.0	10.0	1.05+2.45+3.50 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.33+2.86+4.32 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+3.5+6.0	11.0	0.95+2.23+3.82 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.25+2.69+4.56 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+4.2+4.2	9.9	1.06+2.97+2.97 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.13+3.68+3.68 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.5+4.2+5.0	10.7	0.98+2.75+3.27 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.13+3.68+3.68 (2.40-9.50)	8.50	2260 (430-2600)	10.38	9.93	9.51	3.76
1.8+1.8+1.8	5.4	1.80+1.80+1.80 (2.20-5.90)	5.40	1450 (420-2190)	6.66	6.37	6.10	3.72	2.50+2.50+2.50 (2.40-9.50)	7.50	2050 (430-2600)	9.41	9.00	8.63	3.66
1.8+1.8+2.5	6.1	1.80+1.80+2.50 (2.20-6.70)	6.10	1720 (420-2480)	7.90	7.55	7.24	3.55	2.50+2.50+3.40 (2.40-9.50)	8.40	2290 (430-2600)	10.51	10.06	9.64	3.67
1.8+1.8+3.5	7.1	1.77+1.77+3.45 (2.20-7.80)	7.00	2080 (420-2890)	9.55	9.13	8.75	3.37	2.28+2.28+3.93 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71
1.8+1.8+4.2	7.8	1.62+1.62+3.77 (2.20-8.00)	7.00	2080 (420-2890)	9.55	9.13	8.75	3.37	1.85+1.85+4.80 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73



## RAM-70NP4E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB							
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					EER	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					COP-Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			GESAMTEINGANG (W)				STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V	240 V					220 V	230 V	240 V			
1.8+1.8+5.0	8.6	1.47+1.47+4.07 (2.20-8.00)	7.00	2080 (420-2890)	9.55	9.13	8.75	3.37	1.85+1.85+4.80 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73		
1.8+1.8+6.0	9.6	1.35+1.35+4.40 (2.20-8.00)	7.00	2100 (420-2960)	9.64	9.22	8.84	3.33	1.73+1.73+5.04 (2.40-9.50)	8.50	2320 (430-2600)	10.65	10.19	9.76	3.66		
1.8+2.5+2.5	6.8	1.80+2.50+2.50 (2.20-7.50)	6.80	2080 (420-2780)	9.55	9.13	8.75	3.27	2.28+3.11+3.11 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71		
1.8+2.5+3.5	7.8	1.62+2.24+3.14 (2.20-8.00)	7.00	2080 (420-2890)	9.55	9.13	8.75	3.37	2.08+2.83+3.58 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71		
1.8+2.5+4.2	8.5	1.48+2.06+3.46 (2.20-8.00)	7.00	2080 (420-2770)	9.55	9.13	8.75	3.37	1.71+2.33+4.46 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73		
1.8+2.5+5.0	9.3	1.35+1.88+3.76 (2.20-8.00)	7.00	2080 (420-2770)	9.55	9.13	8.75	3.37	1.71+2.33+4.46 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73		
1.8+2.5+6.0	10.3	1.25+1.70+4.15 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	1.61+2.19+4.70 (2.40-9.50)	8.50	2320 (430-2600)	10.65	10.19	9.76	3.66		
1.8+3.5+3.5	8.8	1.43+2.78+2.78 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	1.91+3.29+3.29 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71		
1.8+3.5+4.2	9.5	1.33+2.58+3.09 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	1.60+2.75+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73		
1.8+3.5+5.0	10.3	1.22+2.38+3.40 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	1.60+2.75+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73		
1.8+4.2+4.2	10.2	1.24+2.88+2.88 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	1.60+2.75+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73		
1.8+4.2+5.0	11.0	1.15+2.67+3.18 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	1.60+2.75+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73		
DREI GERÄTE	2.5+2.5+2.5	7.5	2.33+2.33+2.33 (2.20-7.80)	7.00	2080 (420-2890)	9.55	9.13	8.75	3.37	2.83+2.83+2.83 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71	
	2.5+2.5+3.5	8.5	2.06+2.06+2.88 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.60+2.60+3.29 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71	
	2.5+2.5+4.2	9.2	1.90+1.90+3.20 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.17+2.17+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
	2.5+2.5+5.0	10.0	1.75+1.75+3.50 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.17+2.17+4.15 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
	2.5+2.5+6.0	11.0	1.60+1.60+3.90 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.05+2.05+4.40 (2.40-9.50)	8.50	2320 (430-2600)	10.65	10.19	9.76	3.66	
	2.5+3.5+3.5	9.5	1.84+2.58+2.58 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.41+3.05+3.05 (2.40-9.50)	8.50	2290 (430-2600)	10.51	10.06	9.64	3.71	
	2.5+3.5+4.2	10.2	1.72+2.40+2.88 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.04+2.57+3.89 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
	2.5+3.5+5.0	11.0	1.59+2.23+3.18 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.04+2.57+3.89 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
	2.5+4.2+4.2	10.9	1.61+2.70+2.70 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	3.40+4.30+6.50 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	
	3.5+3.5+3.5	10.5	2.33+2.33+2.33 (2.20-8.00)	7.00	2080 (420-2960)	9.55	9.13	8.75	3.37	2.83+2.83+2.83 (2.40-9.50)	8.50	2280 (430-2600)	10.47	10.01	9.60	3.73	

## RAM-70NP4E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			R S U E	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert	Klasse		
				GESAMT- EINGANG (W)	STROMSTÄRKE (A)					GESAMT- EINGANG (W)	STROMSTÄRKE (A)					
					220 V	230 V					240 V	220 V			230 V	240 V
1.5+1.5+1.5+1.5	6.0	1.50+1.50+1.5 0+1.50 (2.20-6.50)	6.00	1600 (200-1660)	7.35	7.03	6.73	3.75	2.00+2.00+2.00 +2.00 (2.60-9.00)	8.00	2150 (460-2420)	9.87	9.44	9.05	3.72	
1.5+1.5+1.5+1.8	6.3	1.50+1.50+1.5 0+1.80 (2.20-6.70)	6.30	1650 (420-2010)	7.58	7.25	6.94	3.82	2.00+2.00+2.00 +2.50 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90	
1.5+1.5+1.5+2.5	7.0	1.50+1.50+1.5 0+2.50 (2.20-7.50)	7.00	1890 (420-2010)	8.68	8.30	7.95	3.70	1.81+1.81+1.81 +3.07 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.5+3.5	8.0	1.31+1.31+1.3 1+3.06 (2.40-7.90)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.65+1.65+1.65 +3.55 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.5+4.2	8.7	1.21+1.21+1.2 1+3.38 (2.40-8.50)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.36+1.36+1.36 +4.42 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.5+5.0	9.5	1.11+1.11+1.1 1+3.68 (2.40-8.50)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.36+1.36+1.36 +4.42 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.5+6.0	10.5	1.00+1.00+1.0 0+4.00 (2.40-8.50)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.28+1.28+1.28 +4.67 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.8+1.8	6.6	1.50+1.50+1.8 0+1.80 (2.20-7.00)	6.60	1850 (420-2010)	8.49	8.12	7.79	3.57	1.89+1.89+2.36 +2.36 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.8+2.5	7.3	1.44+1.44+1.7 3+2.40 (2.40-7.50)	7.00	2010 (420-2310)	9.23	8.83	8.46	3.48	1.72+1.72+2.15 +2.92 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.8+3.5	8.3	1.27+1.27+1.5 2+2.95 (2.40-7.70)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.57+1.57+1.97 +3.38 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.8+4.2	9.0	1.17+1.17+1.4 0+3.27 (2.40-7.70)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.31+1.31+1.63 +4.25 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.8+5.0	9.8	1.07+1.07+1.2 9+3.57 (2.40-7.70)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.31+1.31+1.63 +4.25 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+1.8+6.0	10.8	0.97+0.97+1.1 7+3.89 (2.40-7.70)	7.00	2100 (450-3020)	9.64	9.22	8.84	3.33	1.23+1.23+1.54 +4.50 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90	
1.5+1.5+2.5+2.5	8.0	1.31+1.31+2.1 9+2.19 (2.40-7.90)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.57+1.57+2.68 +2.68 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+2.5+3.5	9.0	1.17+1.17+1.9 4+2.72 (2.40-7.90)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.45+1.45+2.47 +3.12 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+2.5+4.2	9.7	1.08+1.08+1.8 0+3.03 (2.40-8.50)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.22+1.22+2.08 +3.97 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90	
1.5+1.5+2.5+5.0	10.5	1.00+1.00+1.6 7+3.33 (2.40-8.50)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.22+1.22+2.08 +3.97 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90	
1.5+1.5+3.5+3.5	10.0	1.05+1.05+2.4 5+2.45 (2.40-8.50)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.35+1.35+2.90 +2.90 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	
1.5+1.5+3.5+4.2	10.7	0.98+0.98+2.2 9+2.75 (2.40-8.80)	7.00	2100 (450-3020)	9.64	9.22	8.84	3.33	1.15+1.15+2.47 +3.73 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90	
1.5+1.8+1.8+1.8	6.9	1.50+1.80+1.8 0+1.80 (2.40-7.50)	6.90	2010 (420-2310)	9.23	8.83	8.46	3.43	1.79+2.24+2.24 +2.24 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86	

## RAM-70NP4E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB					
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			α <sub>int</sub>	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert		
				GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT-EINGANG (W)	STROMSTÄRKE (A)				
					220 V	230 V					240 V	220 V		230 V	240 V
1.5+1.8+1.8+2.5	7.6	1.38+1.66+1.6 6+2.30 (2.40-7.90)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.63+2.04+2.04 +2.78 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+1.8+1.8+3.5	8.6	1.22+1.47+1.4 7+2.85 (2.40-7.90)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.50+1.88+1.88 +3.23 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+1.8+1.8+4.2	9.3	1.13+1.35+1.3 5+3.16 (2.40-8.80)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.26+1.57+1.57 +4.09 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90
1.5+1.8+1.8+5.0	10.1	1.04+1.25+1.2 5+3.47 (2.40-8.80)	7.00	2100 (450-2650)	9.64	9.22	8.84	3.33	1.26+1.57+1.57 +4.09 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90
1.5+1.8+2.5+2.5	8.3	1.27+1.52+2.1 1+2.11 (2.40-7.90)	7.00	2110 (450-2650)	9.69	9.27	8.88	3.32	1.50+1.88+2.56 +2.56 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+1.8+2.5+3.5	9.3	1.13+1.35+1.8 8+2.63 (2.40-7.90)	7.00	2110 (450-2650)	9.69	9.27	8.88	3.32	1.39+1.74+2.37 +3.00 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+1.8+2.5+4.2	10.0	1.05+1.26+1.7 5+2.94 (2.40-8.80)	7.00	2110 (450-3020)	9.69	9.27	8.88	3.32	1.18+1.48+2.01 +3.84 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90
1.5+1.8+2.5+5.0	10.8	0.97+1.17+1.6 2+3.24 (2.40-8.80)	7.00	2110 (450-3020)	9.69	9.27	8.88	3.32	1.18+1.48+2.01 +3.84 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90
1.5+1.8+3.5+3.5	10.3	1.02+1.22+2.3 8+2.38 (2.40-7.90)	7.00	2110 (450-3020)	9.69	9.27	8.88	3.32	1.30+1.62+2.79 +2.79 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+1.8+3.5+4.2	11.0	0.95+1.15+2.2 3+2.67 (2.40-7.90)	7.00	2110 (450-3020)	9.69	9.27	8.88	3.32	1.30+1.62+2.79 +2.79 0.00 (480-2580)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+2.5+2.5+2.5	9.0	1.17+1.94+1.9 4+1.94 (2.40-7.90)	7.00	2110 (450-2650)	9.69	9.27	8.88	3.32	1.39+2.37+2.37 +2.37 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+2.5+2.5+3.5	10.0	1.05+1.75+1.7 5+2.45 (2.40-8.80)	7.00	2110 (450-2650)	9.69	9.27	8.88	3.32	1.30+2.21+2.21 +2.79 (2.60-9.50)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+2.5+2.5+4.2	10.7	0.98+1.64+1.6 4+2.75 (2.40-8.80)	7.00	2110 (450-2650)	9.69	9.27	8.88	3.30	1.21+2.06+2.06 +3.16 0.00 (480-2580)	8.50	2200 (480-2580)	10.10	9.66	9.26	3.86
1.5+2.5+3.5+3.5	11.0	0.95+1.59+2.2 3+2.23 (2.40-8.80)	7.00	2110 (450-3020)	9.69	9.27	8.88	3.32	1.21+2.06+2.61 +2.61 (2.60-9.50)	8.50	2180 (460-2520)	10.01	9.57	9.18	3.90
1.8+1.8+1.8+1.8	7.2	1.75+1.75+1.7 5+1.75 (2.40-7.90)	7.00	2110 (450-2870)	9.69	9.27	8.88	3.32	2.13+2.13+2.13 +2.13 (2.60-9.50)	8.50	2120 (480-2580)	9.73	9.31	8.92	4.01
1.8+1.8+1.8+2.5	7.9	1.59+1.59+1.5 9+2.22 (2.40-7.90)	7.00	2110 (450-3020)	9.69	9.27	8.88	3.32	1.95+1.95+1.95 +2.65 (2.60-9.50)	8.50	2120 (480-2580)	9.73	9.31	8.92	4.01
1.8+1.8+1.8+3.5	8.9	1.42+1.42+1.4 2+2.75 (2.40-8.50)	7.00	2110 (450-3090)	9.69	9.27	8.88	3.32	1.80+1.80+1.80 +3.10 (2.60-9.50)	8.50	2120 (460-2520)	9.73	9.31	8.92	4.01
1.8+1.8+1.8+4.2	9.6	1.31+1.31+1.3 1+3.06 (2.40-8.80)	7.00	2110 (450-3200)	9.69	9.27	8.88	3.32	1.52+1.52+1.52 +3.95 (2.60-9.50)	8.50	2110 (460-2520)	9.69	9.27	8.88	4.03
1.8+1.8+1.8+5.0	10.4	1.21+1.21+1.2 1+3.37 (2.40-8.80)	7.00	2110 (450-3200)	9.69	9.27	8.88	3.32	1.52+1.52+1.52 +3.95 (2.60-9.50)	8.50	2110 (460-2520)	9.69	9.27	8.88	4.03
1.8+1.8+2.5+2.5	8.6	1.47+1.47+2.0 3+2.03 (2.40-8.50)	7.00	2110 (450-3090)	9.69	9.27	8.88	3.32	1.80+1.80+2.45 +2.45 (2.60-9.50)	8.50	2120 (460-2520)	9.73	9.31	8.92	4.01

## RAM-70NP4E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB					
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			P <sub>SH</sub>	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert		
				GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT-EINGANG (W)	STROMSTÄRKE (A)				
					220 V	230 V					240 V	220 V		230 V	240 V
VIER GERÄTE	1.8+1.8+2.5+4.2	1.22+1.22+1.70+2.85 (2.40-8.50)	7.00	2100 (450-3090)	9.64	9.22	8.84	3.31	1.67+1.67+2.28+2.88 0.00	8.50	2120 (460-2520)	9.73	9.31	8.92	4.01
	1.8+1.8+3.5+3.5	1.19+1.19+2.31+2.31 (2.40-8.80)	7.00	2100 (450-3200)	9.64	9.22	8.84	3.33	1.56+1.56+2.69+2.69 (2.60-9.50)	8.50	2110 (460-2520)	9.69	9.27	8.88	4.03
	1.8+2.5+2.5+2.5	1.35+1.88+1.88+1.88 (2.40-8.50)	7.00	2100 (450-3090)	9.64	9.22	8.84	3.33	1.67+2.28+2.28+2.28 (2.60-9.50)	8.50	2120 (460-2520)	9.73	9.31	8.92	4.01
	1.8+2.5+2.5+3.5	1.22+1.70+1.70+2.38 (2.40-8.80)	7.00	2100 (450-3200)	9.64	9.22	8.84	3.33	1.56+2.13+2.13+2.69 (2.60-9.50)	8.50	2110 (460-2520)	9.69	9.27	8.88	4.03
	1.8+2.5+2.5+4.2	1.15+1.59+1.59+2.67 (2.40-8.80)	7.00	2100 (450-3200)	9.64	9.22	8.84	3.33	1.56+2.13+2.13+2.69 (2.60-9.50)	8.50	2110 (460-2520)	9.69	9.27	8.88	4.03
	2.5+2.5+2.5+2.5	1.75+1.75+1.75+1.75 (2.40-8.80)	7.00	2100 (450-3200)	9.64	9.22	8.84	3.33	2.13+2.13+2.13+2.13 (2.60-9.50)	8.50	2110 (460-2520)	9.69	9.27	8.88	4.03
	2.5+2.5+2.5+3.5	1.59+1.59+1.59+2.23 (2.40-8.80)	7.00	2100 (450-3200)	9.64	9.22	8.84	3.33	1.99+1.99+1.99+2.52 (2.60-9.50)	8.50	2110 (460-2520)	9.69	9.27	8.88	4.03

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	GESAMTEINGANG (W)	AUSSENGERÄT			EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP- Wert		
					STROMSTÄRKE (A)						GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V	240 V					220 V	230 V		240 V	
EIN GERÄT	1.5	1.5 (1.00-1.60)	1.50	420 (320-480)	1.93	1.84	1.77	3.59	2.00 (1.50-2.20)	2.00	620 (360-850)	2.85	2.72	2.61	3.23	
	1.8	1.8 (1.70-2.00)	1.80	500 (320-610)	2.30	2.20	2.10	3.60	2.50 (2.00-3.00)	2.50	780 (360-920)	3.58	3.43	3.28	3.21	
	2.5	2.5 (1.70-2.80)	2.50	700 (320-860)	3.21	3.07	2.95	3.57	3.40 (2.00-4.00)	3.40	1140 (360-1340)	5.23	5.01	4.80	2.98	
	3.5	3.5 (1.70-3.90)	3.50	1040 (320-1270)	4.78	4.57	4.38	3.37	4.30 (2.00-5.20)	4.30	1420 (360-1720)	6.52	6.24	5.98	3.03	
	4.2	4.2 (1.70-4.20)	4.20	1250 (320-1270)	5.74	5.49	5.26	3.36	5.20 (2.00-6.50)	4.30	1420 (360-1720)	6.52	6.24	5.98	3.03	
	5.0	5.0 (1.70-5.50)	5.00	1540 (320-1860)	7.07	6.76	6.48	3.25	6.50 (2.00-7.30)	6.50	2300 (360-2580)	10.56	10.10	9.68	2.83	
	6.0	6.0 (1.70-6.60)	6.00	1630 (320-1860)	7.48	7.16	6.86	3.68	7.50 (2.00-8.20)	6.50	2300 (360-2950)	10.56	10.10	9.68	2.83	
ZWEI GERÄTE	1.5+1.5	3.0 (2.40-3.50)	1.50+1.50	850 (500-1020)	3.90	3.73	3.58	3.53	2.00+2.00 (2.70-4.50)	4.00	950 (500-1140)	4.36	4.17	4.00	4.21	
	1.5+1.8	3.3 (2.40-3.80)	1.50+1.80	950 (500-1140)	4.36	4.17	4.00	3.47	2.00+2.50 (2.70-5.00)	4.50	1180 (500-1416)	5.42	5.18	4.97	3.81	
	1.5+2.5	4.0 (2.40-4.50)	1.50+2.50	1250 (500-1500)	5.74	5.49	5.26	3.20	2.00+3.40 (2.70-5.90)	5.40	1320 (500-1584)	6.06	5.80	5.56	4.09	
	1.5+3.5	5.0 (2.40-5.50)	1.50+3.50	1550 (500-1860)	7.12	6.81	6.52	3.23	2.00+4.30 (2.70-6.80)	6.30	1550 (500-1860)	7.12	6.81	6.52	4.06	
	1.5+4.2	5.7 (2.40-7.00)	1.50+4.20	1600 (500-1860)	7.35	7.03	6.73	3.56	2.00+5.20 (2.7-8.0)	7.20	1850 (500-2560)	8.49	8.12	7.79	3.89	
	1.5+5.0	6.5 (2.40-7.00)	1.50+5.00	2100 (500-2520)	9.64	9.22	8.84	3.10	2.00+6.50 (2.70-9.00)	8.50	2300 (500-2760)	10.56	10.10	9.68	3.70	
	1.5+6.0	7.5 (2.40-7.00)	1.50+6.00	2100 (500-2520)	9.64	9.22	8.84	3.57	2.00+7.50 (2.7-10.0)	9.50	2300 (500-2760)	10.56	10.10	9.68	4.13	
	1.8+1.8	3.6 (2.40-4.00)	1.80+1.80	820 (500-860)	3.76	3.60	3.45	4.39	2.50+2.50 (2.70-6.90)	5.00	1240 (500-1710)	5.69	5.45	5.22	4.03	
	1.8+2.5	4.3 (2.40-4.70)	1.80+2.50	1000 (500-1190)	4.59	4.39	4.21	4.30	2.50+3.40 (2.7-7.7)	5.90	1530 (500-1990)	7.02	6.72	6.44	3.86	
	1.8+3.5	5.3 (2.40-5.80)	1.80+3.50	1590 (500-1900)	7.30	6.98	6.69	3.33	2.50+4.30 (2.7-8.5)	6.80	1870 (500-2320)	8.59	8.21	7.87	3.64	
	1.8+4.2	6.0 (2.40-5.80)	1.59+3.71	1590 (500-1900)	7.30	6.98	6.69	3.33	2.50+5.20 (2.7-10.0)	7.70	2200 (500-2880)	10.10	9.66	9.26	3.50	
	1.8+5.0	6.8 (2.40-7.50)	1.80+5.00	2370 (450-2970)	10.88	10.41	9.97	2.87	2.50+6.50 (2.7-10.0)	9.00	2470 (500-2880)	11.34	10.85	10.40	3.64	
	1.8+6.0	7.8 (2.40-8.50)	1.57+5.23	2370 (450-3120)	10.88	10.41	9.97	2.87	2.50+7.50 (2.7-10.0)	10.00	2470 (500-2880)	11.34	10.85	10.40	4.05	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB							
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					EER	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					COP- Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			GESAMTEINGANG (W)				STROMSTÄRKE (A) bei 220-240 V	220 V	230 V	240 V		
					220 V	230 V	240 V										
ZWEI GERÄTE	2.5+2.5	5.0	2.50+2.50 (2.40-5.50)	5.00	1370 (500-1640)	6.29	6.02	5.77	3.65	3.40+3.40 (2.7-8.5)	6.80	1920 (500-2250)	8.82	8.43	8.08	3.54	
	2.5+3.5	6.0	2.50+3.50 (2.40-6.60)	6.00	2000 (500-2400)	9.18	8.78	8.42	3.00	3.40+4.30 (2.7-9.2)	7.70	2280 (500-2590)	10.47	10.01	9.60	3.38	
	2.5+4.2	6.7	2.24+3.76 (2.40-6.60)	6.00	2000 (500-3470)	9.18	8.78	8.42	3.00	3.40+5.20 (2.7-9.2)	8.60	2400 (500-3110)	11.02	10.54	10.10	3.58	
	2.5+5.0	7.5	2.50+5.00 (2.40-7.00)	7.50	2580 (500-3470)	11.85	11.33	10.86	2.91	3.40+6.50 (2.7-10.5)	9.90	2720 (500-3110)	12.49	11.95	11.45	3.64	
	2.5+6.0	8.5	2.21+5.29 (2.40-8.80)	7.50	2580 (500-3470)	11.85	11.33	10.86	2.91	3.12+6.88 (2.7-11.0)	10.00	2720 (500-3110)	12.49	11.95	11.45	3.68	
	3.5+3.5	7.0	3.50+3.50 (2.40-7.70)	7.00	2490 (450-2990)	11.43	10.94	10.48	2.81	4.30+4.30 (2.70-10.0)	8.60	2460 (500-2860)	11.29	10.80	10.35	3.50	
	3.5+4.2	7.7	3.18+3.82 (2.40-7.70)	7.00	2490 (500-2990)	11.43	10.94	10.48	2.81	4.30+5.20 (2.7-11.0)	9.50	2680 (500-3320)	12.30	11.77	11.28	3.54	
	3.5+5.0	8.5	3.50+5.00 (2.40-8.80)	8.50	2900 (500-3270)	13.31	12.74	12.21	2.93	3.98+6.02 (2.7-11.0)	10.00	2940 (500-3320)	13.50	12.91	12.37	3.40	
	3.5+6.0	9.5	3.13+5.37 (2.40-9.10)	8.50	2900 (500-3270)	13.31	12.74	12.21	2.93	3.64+6.36 (2.7-11.4)	10.00	2940 (500-3320)	13.50	12.91	12.37	3.40	
	4.2+4.2	8.4	3.50+3.50 (2.40-8.80)	7.00	2490 (450-3270)	11.43	10.94	10.48	2.81	4.30+4.30 (2.7-11.0)	8.60	2460 (500-3200)	11.29	10.80	10.35	3.50	
	4.2+5.0	9.2	3.88+4.62 (2.40-8.80)	8.50	2900 (450-3270)	13.31	12.74	12.21	2.93	4.30+5.20 (2.7-11.0)	9.50	2940 (500-3200)	13.50	12.91	12.37	3.23	
	4.2+6.0	10.2	3.50+5.00 (2.40-9.10)	8.50	2900 (450-3420)	13.31	12.74	12.21	2.93	3.98+6.02 (2.7-11.4)	10.00	2940 (500-3200)	13.50	12.91	12.37	3.40	
	5.0+5.0	10.0	4.25+4.25 (2.40-9.20)	8.50	2900 (450-3460)	13.31	12.74	12.21	2.93	5.00+5.00 (2.70-11.40)	10.00	2940 (500-3200)	13.50	12.91	12.37	3.40	
	5.0+6.0	11.0	3.86+4.64 (2.40-9.60)	8.50	2900 (450-3570)	13.31	12.74	12.21	2.93	4.44+5.56 (2.7-11.6)	10.00	2940 (500-3200)	13.50	12.91	12.37	3.40	
	6.0+6.0	12.0	4.25+4.25 (2.40-9.90)	8.50	2900 (450-3870)	13.31	12.74	12.21	2.93	5.00+5.00 (2.7-12.1)	10.00	2940 (500-3200)	13.50	12.91	12.37	3.40	
DREI GERÄTE	1.5+1.5+1.5	4.5	1.50+1.50+1.50 (2.70-5.00)	4.50	1250 (510-1500)	5.74	5.49	5.26	3.60	2.00+2.00+2.00 (2.90-6.50)	6.00	1540 (520-1848)	7.07	6.76	6.48	3.90	
	1.5+1.5+1.8	4.8	1.50+1.50+1.80 (2.70-5.30)	4.80	1350 (510-1620)	6.20	5.93	5.68	3.56	2.00+2.00+2.50 (2.90-7.00)	6.50	1800 (520-2160)	8.26	7.91	7.58	3.61	
	1.5+1.5+2.5	5.5	1.50+1.50+2.50 (2.70-6.00)	5.50	1490 (510-1788)	6.84	6.54	6.27	3.69	2.00+2.00+3.40 (2.90-7.90)	7.40	2010 (520-2412)	9.23	8.83	8.46	3.68	
	1.5+1.5+3.5	6.5	1.50+1.50+3.50 (2.70-7.00)	6.50	2100 (510-2678)	9.64	9.22	8.84	3.10	2.00+2.00+4.30 (2.90-8.80)	8.30	2420 (520-2904)	11.11	10.63	10.19	3.43	
	1.5+1.5+4.2	7.2	1.50+1.50+4.20 (2.70-8.50)	7.20	2150 (510-2676)	9.87	9.44	9.05	3.35	2.00+2.00+5.20 (2.90-11.0)	9.20	2180 (520-1848)	10.01	9.57	9.18	4.22	
	1.5+1.5+5.0	8.0	1.50+1.50+5.00 (2.70-8.50)	8.00	2230 (510-2676)	10.24	9.79	9.39	3.59	1.90+1.90+6.19 (2.90-11.0)	10.00	2730 (520-1848)	12.53	11.99	11.49	3.66	
	1.5+1.5+6.0	9.0	1.50+1.50+6.00 (2.70-8.50)	9.00	2230 (510-2676)	10.24	9.79	9.39	4.04	1.74+1.74+6.52 (2.90-11.50)	10.00	2730 (520-1848)	12.53	11.99	11.49	3.66	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				EER-	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP-Wert	
				GESAMTEINGANG (W)	STROMSTÄRKE (A)						GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V	240 V					220 V	230 V	240 V		
1.5+1.8+1.8	5.1	1.50+1.80+1.80 (2.70-5.60)	5.10	1350 (510-1620)	6.20	5.93	5.68	3.78	2.00+2.50+2.50 (2.90-7.5)	7.00	1880 (520-2280)	8.63	8.26	7.91	3.72	
1.5+1.8+2.5	5.8	1.50+1.80+2.50 (2.70-6.30)	5.80	1350 (510-1620)	6.20	5.93	5.68	4.30	2.00+2.50+3.40 (2.90-8.4)	7.90	2130 (520-2616)	9.78	9.35	8.96	3.71	
1.5+1.8+3.5	6.8	1.50+1.80+3.50 (2.70-7.30)	6.80	1850 (510-2844)	8.49	8.12	7.79	3.68	2.00+2.50+4.30 (2.90-9.3)	8.80	2350 (520-1848)	10.79	10.32	9.89	3.74	
1.5+1.8+4.2	7.5	1.50+1.80+4.20 (2.40-7.00)	7.50	1950 (510-2844)	8.95	8.56	8.21	3.85	2.00+2.50+5.20 (2.90-11.0)	9.70	2350 (520-3360)	10.79	10.32	9.89	4.13	
1.5+1.8+5.0	8.3	1.50+1.80+5.00 (2.70-8.80)	8.30	2230 (510-2844)	10.24	9.79	9.39	3.72	1.82+2.27+5.91 (2.90-11.5)	10.00	2850 (520-3360)	13.09	12.52	11.99	3.51	
1.5+1.8+6.0	9.3	1.50+1.80+6.00 (2.70-8.80)	9.30	2230 (510-2844)	10.24	9.79	9.39	4.17	1.67+2.08+6.25 (2.90-11.5)	10.00	2850 (520-3360)	13.09	12.52	11.99	3.51	
1.5+2.5+2.5	6.5	1.50+2.50+2.50 (2.70-7.00)	6.50	1800 (510-2520)	8.26	7.91	7.58	3.61	2.00+3.40+3.40 (2.90-9.3)	8.80	2350 (520-1848)	10.79	10.32	9.89	3.74	
1.5+2.5+3.5	7.5	1.50+2.50+3.50 (2.40-7.00)	7.50	2100 (510-3096)	9.64	9.22	8.84	3.57	2.00+3.40+4.30 (2.90-10.2)	9.70	2620 (520-1848)	12.03	11.51	11.03	3.70	
1.5+2.5+4.2	8.2	1.50+2.50+4.20 (2.70-9.50)	8.20	2200 (510-3360)	10.10	9.66	9.26	3.73	1.89+3.21+4.91 (2.70-11.0)	10.00	2620 (520-1848)	12.03	11.51	11.03	3.82	
1.5+2.5+5.0	9.0	1.50+2.50+5.00 (2.70-9.50)	9.00	2680 (510-3360)	12.30	11.77	11.28	3.36	1.68+2.86+5.46 (2.70-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+6.0	10.0	1.50+2.50+6.00 (2.70-9.50)	10.00	2680 (510-3360)	12.30	11.77	11.28	3.73	1.55+2.64+5.81 (2.70-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+3.5	8.5	1.50+3.50+3.50 (2.70-9.00)	8.50	2560 (510-3360)	11.75	11.24	10.77	3.32	1.89+4.06+4.06 (2.9-11.1)	10.00	2990 (520-3360)	13.73	13.13	12.58	3.34	
1.5+3.5+4.2	9.2	1.47+3.42+4.11 (2.70-9.50)	9.00	2560 (510-3216)	11.75	11.24	10.77	3.52	1.74+3.74+4.52 (2.9-11.1)	10.00	2990 (520-3360)	13.73	13.13	12.58	3.34	
1.5+3.5+5.0	10.0	1.35+3.15+4.50 (2.70-9.50)	9.00	2740 (510-3216)	12.58	12.03	11.53	3.28	1.56+3.36+5.08 (2.90-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+6.0	11.0	1.23+2.86+4.91 (2.70-9.50)	9.00	2740 (510-3216)	12.58	12.03	11.53	3.28	1.45+3.12+5.43 (2.90-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+4.2+4.2	9.9	1.36+3.82+3.82 (2.70-9.50)	9.00	2560 (510-3216)	11.75	11.24	10.77	3.52	1.61+4.19+4.19 (2.9-11.1)	10.00	2990 (520-3360)	13.73	13.13	12.58	3.34	
1.5+4.2+5.0	10.7	1.26+3.53+4.21 (2.70-9.50)	9.00	2740 (510-3216)	12.58	12.03	11.53	3.28	1.46+3.80+4.74 (2.90-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+4.2+6.0	11.7	1.15+3.23+4.62 (2.70-9.50)	9.00	2740 (510-3216)	12.58	12.03	11.53	3.28	1.36+3.54+5.10 (2.90-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+5.0+5.0	11.5	1.17+3.91+3.91 (2.70-9.50)	9.00	2740 (510-3216)	12.58	12.03	11.53	3.28	1.33+4.33+4.33 (2.90-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+5.0+6.0	12.5	1.08+3.60+4.32 (2.70-9.50)	9.00	2740 (510-3216)	12.58	12.03	11.53	3.28	1.25+4.06+4.69 (2.90-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	
1.5+6.0+6.0	13.5	1.00+4.00+4.00 (2.70-9.50)	9.00	2740 (510-3288)	12.58	12.03	11.53	3.28	1.18+4.41+4.41 (2.90-11.5)	10.00	2890 (520-3360)	13.27	12.69	12.16	3.46	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB							
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					EER	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT					COP-Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			GESAMTEINGANG (W)				STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V	240 V					220 V	230 V	240 V			
1.8+1.8+1.8	5.4	1.80+1.80+1.80 (2.70-5.90)	5.40	1480 (510-1780)	6.80	6.50	6.23	3.65	2.50+2.50+2.50 (2.9-9.1)	7.50	2020 (520-2440)	9.27	8.87	8.50	3.71		
1.8+1.8+2.5	6.1	1.80+1.80+2.50 (2.70-6.70)	6.10	1780 (510-2150)	8.17	7.82	7.49	3.43	2.50+2.50+3.40 (2.9-9.5)	8.40	2210 (520-2620)	10.15	9.71	9.30	3.80		
1.8+1.8+3.5	7.1	1.80+1.80+3.50 (2.70-7.80)	7.10	1910 (510-2310)	8.77	8.39	8.04	3.72	2.50+2.50+4.29 (2.9-10.2)	9.30	2370 (520-2740)	10.88	10.41	9.97	3.92		
1.8+1.8+4.2	7.8	1.80+1.80+4.20 (2.70-7.80)	7.80	1910 (510-3260)	8.77	8.39	8.04	4.08	2.45+2.45+5.09 (2.9-10.2)	10.00	2370 (520-3060)	10.88	10.41	9.97	4.22		
1.8+1.8+5.0	8.6	1.78+1.78+4.94 (2.70-9.50)	8.50	2650 (510-3260)	12.17	11.64	11.15	3.21	2.17+2.17+5.64 (2.9-11.3)	10.00	2730 (520-3060)	12.53	11.99	11.49	3.66		
1.8+1.8+6.0	9.6	1.59+1.59+5.31 (2.70-9.90)	8.50	2650 (510-3270)	12.17	11.64	11.15	3.21	2.00+2.00+5.99 (2.9-11.6)	10.00	2730 (520-3060)	12.53	11.99	11.49	3.66		
1.8+2.5+2.5	6.8	1.80+2.50+2.50 (2.70-7.50)	6.80	1860 (510-2260)	8.54	8.17	7.83	3.66	2.49+3.41+3.41 (2.9-10.0)	9.30	2370 (520-2760)	10.88	10.41	9.97	3.92		
1.8+2.5+3.5	7.8	1.80+2.50+3.50 (2.7-8.6)	7.80	2190 (510-2660)	10.06	9.62	9.22	3.56	2.45+3.33+4.22 (2.90-10.7)	10.00	2530 (520-2880)	11.62	11.11	10.65	3.95		
1.8+2.5+4.2	8.5	1.80+2.50+4.20 (2.7-8.6)	8.50	2190 (510-3270)	10.06	9.62	9.22	3.88	2.25+3.06+4.68 (2.90-11.0)	10.00	2530 (520-3220)	11.62	11.11	10.65	3.95		
1.8+2.5+5.0	9.3	1.66+2.26+4.58 (2.70-9.90)	8.50	2550 (510-3270)	11.71	11.20	10.73	3.33	2.02+2.74+5.24 (2.9-11.6)	10.00	2890 (520-3220)	13.27	12.69	12.16	3.46		
1.8+2.5+6.0	10.3	1.50+2.04+4.96 (2.70-9.90)	8.50	2550 (510-3320)	11.71	11.20	10.73	3.33	1.87+2.54+5.60 (2.9-11.6)	10.00	2890 (520-3220)	13.27	12.69	12.16	3.46		
1.8+3.5+3.5	8.8	1.74+3.38+3.38 (2.70-9.70)	8.50	2600 (510-3260)	11.94	11.42	10.94	3.27	2.25+3.87+3.87 (2.9-11.6)	10.00	2750 (520-3060)	12.63	12.08	11.57	3.64		
1.8+3.5+4.2	9.5	1.61+3.13+3.76 (2.70-9.70)	8.50	2600 (510-3320)	11.94	11.42	10.94	3.27	2.08+3.58+4.33 (2.9-11.6)	10.00	2750 (520-3330)	12.63	12.08	11.57	3.64		
1.8+3.5+5.0	10.3	1.47+2.88+4.16 (2.70-9.90)	8.50	2590 (510-3320)	11.89	11.37	10.90	3.28	1.88+3.23+4.90 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34		
1.8+3.5+6.0	11.3	1.33+2.62+4.54 (2.70-9.90)	8.50	2590 (510-3320)	11.89	11.37	10.90	3.28	1.75+3.01+5.25 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34		
1.8+4.2+4.2	10.2	1.50+3.50+3.50 (2.70-9.90)	8.50	2600 (510-3320)	11.94	11.42	10.94	3.27	2.25+3.87+3.87 (2.9-11.6)	10.00	2750 (520-3330)	12.63	12.08	11.57	3.64		
1.8+4.2+5.0	11.0	1.37+3.24+3.89 (2.70-9.90)	8.50	2590 (510-3320)	11.89	11.37	10.90	3.28	2.08+3.58+4.34 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34		
1.8+4.2+6.0	12.0	1.26+2.97+4.28 (2.70-9.90)	8.50	2590 (510-3320)	11.89	11.37	10.90	3.28	1.88+3.23+4.90 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34		
1.8+5.0+5.0	11.8	1.31+3.60+3.60 (2.70-9.90)	8.50	2590 (510-3320)	11.89	11.37	10.90	3.28	1.52+3.94+4.55 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34		
1.8+5.0+6.0	12.8	1.21+3.32+3.98 (2.70-9.90)	8.50	2590 (510-3280)	11.89	11.37	10.90	3.28	1.94+4.03+4.03 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34		
1.8+6.0+6.0	13.8	1.12+3.70+3.70 (2.70-9.90)	8.50	2590 (510-3320)	11.89	11.37	10.90	3.28	1.76+3.66+4.58 (2.9-12.1)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34		

DREI GERÄTE



## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			EER	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert			
				GESAMTEINGANG (W)	STROMSTÄRKE (A)					GESAMTEINGANG (W)	STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V					240 V	220 V		230 V	240 V	
DREI GERÄTE	2.5+2.5+2.5	7.5	2.50+2.50+2.50 (2.40-7.00)	7.50	2120 (510-2580)	9.73	9.31	8.92	3.54	3.33+3.33+3.33 (2.9-10.4)	10.00	2540 (520-2920)	11.66	11.16	10.69	3.94
	2.5+2.5+3.5	8.5	2.50+2.50+3.50 (2.70-9.4)	8.50	2560 (510-3110)	11.75	11.24	10.77	3.32	3.06+3.06+3.87 (2.9-11.2)	10.00	2730 (520-3070)	12.53	11.99	11.49	3.66
	2.5+2.5+4.2	9.2	2.31+2.31+3.88 (2.70-9.4)	8.50	2560 (510-3360)	11.75	11.24	10.77	3.32	2.83+2.83+4.33 (2.9-11.6)	10.00	2730 (520-3330)	12.53	11.99	11.49	3.66
	2.5+2.5+5.0	10.0	2.13+2.13+4.25 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.56+2.56+4.89 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+2.5+6.0	11.0	1.93+1.93+4.64 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.38+2.38+5.24 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+3.5+3.5	9.5	2.23+3.13+3.13 (2.70-9.90)	8.50	2600 (510-3330)	11.94	11.42	10.94	3.27	2.83+3.58+3.58 (2.9-11.6)	10.00	2890 (520-3220)	13.27	12.69	12.16	3.46
	2.5+3.5+4.2	10.2	2.07+2.92+3.50 (2.70-9.90)	8.50	2600 (510-3350)	11.94	11.42	10.94	3.27	2.64+3.33+4.03 (2.9-11.6)	10.00	2890 (520-3330)	13.27	12.69	12.16	3.46
	2.5+3.5+5.0	11.0	1.93+2.69+3.87 (2.70-9.90)	8.50	2620 (510-3350)	12.03	11.51	11.03	3.24	2.39+3.02+4.59 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+3.5+6.0	12.0	1.77+2.47+4.26 (2.70-9.90)	8.50	2620 (510-3350)	12.03	11.51	11.03	3.24	2.24+2.82+4.94 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+4.2+4.2	10.9	1.94+3.28+3.28 (2.70-9.90)	8.50	2600 (510-3360)	11.94	11.42	10.94	3.27	2.83+3.58+3.58 (2.9-11.7)	10.00	2890 (520-3330)	13.27	12.69	12.16	3.46
	2.5+4.2+5.0	11.7	1.82+3.04+3.64 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.64+3.32+4.04 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+4.2+6.0	12.7	1.67+2.80+4.03 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.39+3.02+4.59 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+5.0+5.0	12.5	1.70+3.40+3.40 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	1.95+3.74+4.31 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+5.0+6.0	13.5	1.57+3.15+3.78 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.46+3.77+3.77 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	2.5+6.0+6.0	14.5	1.47+3.52+3.52 (2.70-9.90)	8.50	2620 (510-3350)	12.03	11.51	11.03	3.24	2.25+3.44+4.30 (2.9-12.1)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	3.5+3.5+3.5	10.5	2.83+2.83+2.83 (2.70-9.90)	8.50	2600 (510-3320)	11.94	11.42	10.94	3.27	3.33+3.33+3.33 (2.9-11.6)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	3.5+3.5+4.2	11.2	2.66+2.66+3.19 (2.70-9.90)	8.50	2600 (510-3360)	11.94	11.42	10.94	3.27	3.12+3.12+3.77 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	3.5+3.5+5.0	12.0	2.50+2.50+3.49 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.85+2.87+4.25 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	3.5+3.5+6.0	13.0	2.31+2.31+3.87 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.67+2.69+4.61 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
	3.5+4.2+4.2	11.9	2.50+3.00+3.00 (2.70-9.90)	8.50	2600 (510-3360)	11.94	11.42	10.94	3.27	2.93+3.54+3.54 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34
3.5+4.2+5.0	12.7	2.36+2.83+3.30 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.69+3.27+4.01 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB								HEIZBETRIEB							
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	EER	AUSSENGERÄT					NENNLEISTUNG (kW) (BEREICH)	EER	AUSSENGERÄT					COP-Wert
				GESAMTEINGANG (W)	STROMSTÄRKE (A)			GESAMTEINGANG (W)			STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V	240 V				220 V	230 V	240 V			
3.5+4.2+6.0	13.7	2.19+2.63+3.67 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.53+3.08+4.36 (2.9-11.7)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34	
3.5+5.0+5.0	13.5	2.17+3.17+3.17 (2.70-9.90)	8.50	2620 (510-3360)	12.03	11.51	11.03	3.24	2.49+3.78+3.78 (2.9-12.1)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34	
3.5+5.0+6.0	14.5	2.02+2.95+3.54 (2.70-9.90)	8.50	2620 (510-3450)	12.03	11.51	11.03	3.24	2.35+3.57+4.12 (2.9-12.1)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34	
3.5+6.0+6.0	15.5	1.89+3.31+3.31 (2.70-9.90)	8.50	2620 (510-3450)	12.03	11.51	11.03	3.24	2.23+3.91+3.91 (2.9-12.1)	10.00	2990 (520-3330)	13.73	13.13	12.58	3.34	
4.2+4.2+4.2	12.6	2.80+2.85+2.85 (2.70-9.90)	8.50	2620 (510-3450)	12.03	11.51	11.03	3.24	3.33+3.35+3.35 (2.9-12.1)	10.00	2990 (520-3180)	13.73	13.13	12.58	3.34	
4.2+4.2+5.0	13.4	2.63+2.68+3.19 (2.70-9.90)	8.50	2620 (510-3450)	12.03	11.51	11.03	3.24	3.08+3.10+3.87 (2.9-12.1)	10.00	2990 (520-3180)	13.73	13.13	12.58	3.34	
4.2+4.2+6.0	14.4	2.45+2.50+3.56 (2.70-9.90)	8.50	2620 (510-3450)	12.03	11.51	11.03	3.24	2.91+2.93+4.21 (2.9-12.1)	10.00	2990 (520-3180)	13.73	13.13	12.58	3.34	
4.2+5.0+5.0	14.2	2.48+3.01+3.01 (2.70-9.90)	8.50	2620 (510-3450)	12.03	11.51	11.03	3.24	2.91+2.93+4.21 (2.9-12.1)	10.00	2990 (520-3180)	13.73	13.13	12.58	3.34	
4.2+5.0+6.0	15.2	2.32+2.82+3.38 (2.70-9.90)	8.50	2620 (510-3450)	12.03	11.51	11.03	3.24	2.91+2.93+4.21 (2.9-12.1)	10.00	2990 (520-3180)	13.73	13.13	12.58	3.34	
5.0+5.0+5.0	15.0	2.83+2.83+2.83 (2.70-9.90)	8.50	2690 (510-3450)	12.35	11.81	11.32	3.16	3.33+3.33+3.33 (2.9-12.1)	10.00	2890 (520-3180)	13.27	12.69	12.16	3.46	
1.5+1.5+1.5+1.5	6.0	1.50+1.50+1.50+1.50 (2.90-6.50)	6.00	1580 (550-1620)	7.25	6.94	6.65	3.80	2.00+2.00+2.00+2.00 (3.00-8-5)	8.00	2000 (540-2652)	9.18	8.78	8.42	4.00	
1.5+1.5+1.5+1.8	6.3	1.50+1.50+1.50+1.80 (2.90-6.50)	6.30	1630 (550-1776)	7.48	7.16	6.86	3.87	2.00+2.00+2.00+2.50 (3.00-9)	8.50	2200 (540-2760)	10.10	9.66	9.26	3.86	
1.5+1.5+1.5+2.5	7.0	1.50+1.50+1.50+2.50 (2.90-7.50)	7.00	1780 (550-2136)	8.17	7.82	7.49	3.93	2.00+2.00+2.00+3.40 (3.00-9.9)	9.40	2390 (540-3036)	10.97	10.50	10.06	3.93	
1.5+1.5+1.5+3.5	8.0	1.50+1.50+1.50+3.50 (2.90-8.50)	8.00	2500 (550-3180)	11.48	10.98	10.52	3.20	1.94+1.94+1.94+4.17 (3.00-10.8)	10.00	2550 (540-3468)	11.71	11.20	10.73	3.92	
1.5+1.5+1.5+4.2	8.7	1.47+1.47+1.47+4.10 (2.90-8.50)	8.50	2600 (550-3180)	11.94	11.42	10.94	3.27	1.79+1.79+1.79+4.64 (3.00-11.5)	10.00	2550 (540-3360)	11.71	11.20	10.73	3.92	
1.5+1.5+1.5+5.0	9.5	1.34+1.34+1.34+4.47 (2.90-8.50)	8.50	2650 (550-3180)	12.17	11.64	11.15	3.21	1.60+1.60+1.60+5.20 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+1.5+1.5+6.0	10.5	1.21+1.21+1.21+4.86 (2.90-8.50)	8.50	2650 (550-3180)	12.17	11.64	11.15	3.21	1.48+1.48+1.48+5.50 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+1.5+1.8+1.8	6.6	1.50+1.50+1.80+1.80 (2.90-7.10)	6.60	1750 (550-2100)	8.03	7.69	7.37	3.77	2.00+2.00+2.50+2.50 (3.00-9.5)	9.00	2380 (540-3048)	10.93	10.45	10.02	3.78	
1.5+1.5+1.8+2.5	7.3	1.50+1.50+1.80+2.50 (2.90-7.80)	7.30	1850 (550-2220)	8.49	8.12	7.79	3.95	2.00+2.00+2.50+3.40 (3.00-10.4)	9.90	2530 (540-3144)	11.62	11.11	10.65	3.91	
1.5+1.5+1.8+3.5	8.3	1.50+1.50+1.80+3.50 (2.90-8.80)	8.30	2180 (550-2616)	10.01	9.57	9.18	3.81	1.85+1.85+2.31+3.98 (3.00-11.3)	10.00	2480 (540-3468)	11.39	10.89	10.44	4.03	
1.5+1.5+1.8+4.2	9.0	1.42+1.42+1.70+3.97 (2.90-8.50)	8.50	2350 (550-3120)	10.79	10.32	9.89	3.62	1.71+1.71+2.14+4.44 (3.00-11.3)	10.00	2480 (540-3360)	11.39	10.89	10.44	4.03	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB					
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP Wert	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP- Wert		
				GESAMT- EINGANG (W)	STROMSTÄRKE (A)					GESAMT- EINGANG (W)	STROMSTÄRKE (A) bei 220–240 V				
					220 V	230 V					240 V	220 V		230 V	240 V
1.5+1.5+1.8+5.0	9.8	1.30+1.30 +1.56+4.34 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.54+1.54+1.92+5.00 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+1.8+6.0	10.8	1.18+1.18 +1.42+4.72 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.43+1.43+1.79+5.36 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+2.5+2.5	8.0	1.50+1.50 +2.50+2.50 (2.90-8.50)	8.00	2150 (550-2580)	9.87	9.44	9.05	3.72	1.85+1.85+3.15+3.15 (3.00-11.3)	10.00	2480 (540-3420)	11.39	10.89	10.44	4.03
1.5+1.5+2.5+3.5	9.0	1.42+1.42 +2.36+3.31 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.71+1.71+2.91+3.68 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+2.5+4.2	9.7	1.31+1.31 +2.19+3.68 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.59+1.59+2.70+4.13 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+2.5+5.0	10.5	1.21+1.21 +2.02+4.05 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.44+1.44+2.45+4.68 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+2.5+6.0	11.5	1.11+1.11 +1.85+4.43 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.34+1.34+2.28+5.03 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+3.5+3.5	10.0	1.28+1.28 +2.98+2.98 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.59+1.59+3.41+3.41 (3.00-11.3)	10.00	2890 (540-3480)	13.27	12.69	12.16	3.46
1.5+1.5+3.5+4.2	10.7	1.19+1.19 +2.78+3.34 (2.90-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.48+1.48+3.19+3.85 (3.00-11.3)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+3.5+5.0	11.5	1.11+1.11 +2.59+3.70 (2.90-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.35+1.35+2.91+4.39 (3.00-11.3)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+3.5+6.0	12.5	1.02+1.02 +2.38+4.08 (2.90-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.27+1.27+2.72+4.75 (3.00-11.3)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+4.2+4.2	11.4	1.12+1.12 +3.13+3.13 (2.90-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.59+1.59+3.41+3.41 (3.00-11.3)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+4.2+5.0	12.2	1.05+1.05 +2.93+3.48 (2.90-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.48+1.48+3.19+3.85 (3.00-11.3)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+4.2+6.0	13.2	0.97+0.97 +2.70+3.86 (2.9-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.35+1.35+2.91+4.39 (3.00-11.3)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+5.0+5.0	13.0	0.98+0.98 +3.27+3.27 (2.50-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.39+1.39+3.61+3.61 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+5.0+6.0	14.0	0.91+0.91 +3.04+3.64 (2.50-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.27+1.27+3.31+4.14 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.5+6.0+6.0	15.0	0.85+0.85 +3.40+3.40 (2.50-8.50)	8.50	2600 (550-3210)	11.94	11.42	10.94	3.27	1.27+1.27+3.31+4.14 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+1.8+1.8+1.8	6.9	1.50+1.80 +1.80+1.80 (2.50-7.40)	6.90	2140 (550-2244)	9.83	9.40	9.01	3.22	2.00+2.50+2.50+2.50 (3.00-10.0)	9.50	2750 (540-3144)	12.63	12.08	11.57	3.45
1.5+1.8+1.8+2.5	7.6	1.50+1.80 +1.80+2.50 (2.50-8.10)	7.60	2140 (550-2568)	9.83	9.40	9.01	3.55	1.92+2.40+2.40+3.27 (3.00-10.9)	10.00	2750 (540-3468)	12.63	12.08	11.57	3.64
1.5+1.8+1.8+3.5	8.6	1.48+1.78 +1.78+3.46 (2.50-8.50)	8.50	2140 (550-3060)	9.83	9.40	9.01	3.97	1.77+2.21+2.21+3.81 (3.00-11.5)	10.00	2750 (540-3360)	12.63	12.08	11.57	3.64

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						COP-Wert
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)			AUSSENGERÄT					NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				
					GESAMT- EINGANG (W)	STROMSTÄRKE (A)			p <sub>h</sub> [bar]			GESAMT- EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V			
		220 V	230 V	240 V		220 V	230 V	240 V								
VIER GERÄTE	1.5+1.8+1.8+4.2	9.3	1.37+1.65 +1.65+3.84 (2.50-8.50)	8.50	2550 (550-3120)	11.71	11.20	10.73	3.33	1.64+2.05+2.05+4.26 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+1.8+5.0	10.1	1.26+1.51 +1.51+4.21 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.48+1.85+1.85+4.81 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+1.8+6.0	11.1	1.15+1.38 +1.38+4.59 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.38+1.72+1.72+5.17 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+2.5+2.5	8.3	1.50+1.80 +2.50+2.50 (2.50-8.3)	8.30	2740 (550-3288)	12.58	12.03	11.53	3.03	1.77+2.21+3.01+3.01 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+2.5+3.5	9.3	1.37+1.65 +2.28+3.20 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.64+2.05+2.79+3.52 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+2.5+4.2	10.0	1.28+1.53 +2.13+3.57 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.53+1.91+2.60+3.97 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+2.5+5.0	10.8	1.18+1.42 +1.97+3.94 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.39+1.74+2.36+4.51 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+2.5+6.0	11.8	1.08+1.30 +1.80+4.32 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.30+1.62+2.21+4.87 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+3.5+3.5	10.3	1.24+1.49 +2.89+2.89 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.53+1.91+3.28+3.28 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+3.5+4.2	11.0	1.16+1.39 +2.70+3.25 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.43+1.79+3.07+3.71 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+3.5+5.0	11.8	1.08+1.30 +2.52+3.60 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.31+1.63+2.81+4.25 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+3.5+6.0	12.8	1.00+1.20 +2.32+3.98 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.23+1.53+2.64+4.60 (3.00-11.3)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
	1.5+1.8+4.2+4.2	11.7	1.09+1.31 +3.05+3.05 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.53+1.91+3.28+3.28 (3.00-10.5)	10.00	2800 (540-3360)	12.86	12.30	11.78	3.57
	1.5+1.8+4.2+5.0	12.5	1.02+1.22 +2.86+3.40 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.43+1.79+3.07+3.71 (3.00-10.5)	10.00	2800 (540-3360)	12.86	12.30	11.78	3.57
	1.5+1.8+4.2+6.0	13.5	0.94+1.13+2.64+3.78 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.31+1.63+2.81+4.25 (3.00-10.5)	10.00	2800 (540-3360)	12.86	12.30	11.78	3.57
	1.5+1.8+5.0+5.0	13.3	0.96+1.15 +3.20+3.20 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.34+1.68+3.49+3.49 (3.00-10.5)	10.00	2800 (540-3360)	12.86	12.30	11.78	3.57
	1.5+1.8+5.0+6.0	14.3	0.89+1.07 +2.97+3.57 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.23+1.54+3.21+4.01 (3.00-10.5)	10.00	2800 (540-3360)	12.86	12.30	11.78	3.57
	1.5+1.8+6.0+6.0	15.3	0.83+1.00 +3.33+3.33 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.14+1.43+3.71+3.71 (3.00-10.5)	10.00	2800 (540-3360)	12.86	12.30	11.78	3.57
	1.5+2.5+2.5+2.5	9.0	1.42+2.36 +2.36+2.36 (2.50-8.50)	8.50	2600 (550-3132)	11.94	11.42	10.94	3.27	1.64+2.79+2.79+2.79 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+2.5+2.5+3.5	10.0	1.28+2.13 +2.13+2.98 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.53+2.60+2.60+3.28 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						COP-Wert
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)			AUSSENGERÄT					NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				
					GESAMT- EINGANG (W)	STROMSTÄRKE (A)			φ <sub>l</sub> mm			GESAMT- EINGANG (W)	STROMSTÄRKE (A) bei 220–240 V			
		220 V	230 V	240 V		220 V	230 V	240 V								
1.5+2.5+2.5+4.2	10.7	1.19+1.99 +1.99+3.34 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.43+2.43+2.43+3.71 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+2.5+5.0	11.5	1.11+1.85 +1.85+3.70 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.31+2.22+2.22+4.25 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+2.5+6.0	12.5	1.02+1.70 +1.70+4.08 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.23+2.09+2.09+4.60 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+3.5+3.5	11.0	1.16+1.93 +2.70+2.70 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.43+2.43+3.07+3.07 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+3.5+4.2	11.7	1.09+1.82 +2.54+3.05 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.34+2.28+2.89+3.49 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+3.5+5.0	12.5	1.02+1.70 +2.38+3.40 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.23+2.10+2.65+4.01 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+3.5+6.0	13.5	0.94+1.57 +2.20+3.78 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.16+1.98+2.50+4.36 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+4.2+4.2	12.4	1.03+1.71 +2.88+2.88 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.27+2.15+3.29+3.29 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+4.2+5.0	13.2	0.97+1.61 +2.70+3.22 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.17+1.99+3.04+3.80 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+4.2+6.0	14.2	0.90+1.50 +2.51+3.59 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.10+1.88+2.87+4.14 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+5.0+5.0	14.0	0.91+1.52 +3.04+3.04 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.09+1.85+3.53+3.53 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+2.5+5.0+6.0	15.0	0.85+1.42 +2.83+3.40 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.03+1.75+3.35+3.87 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+3.5+3.5	12.0	1.06+2.48 +2.48+2.48 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.34+2.89+2.89+2.89 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+3.5+4.2	12.7	1.00+2.34 +2.34+2.81 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.27+2.72+2.72+3.29 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+3.5+5.0	13.5	0.94+2.20 +2.20+3.15 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.17+2.51+2.51+3.80 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+3.5+6.0	14.5	0.88+2.05 +2.05+3.52 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.10+2.38+2.38+4.14 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+4.2+4.2	13.4	0.95+2.22 +2.66+2.66 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.20+2.57+3.11+3.11 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+4.2+5.0	14.2	0.90+2.10 +2.51+2.99 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.11+2.39+2.89+3.61 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+4.2+6.0	15.2	0.84+1.96 +2.35+3.36 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.05+2.26+2.74+3.95 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	
1.5+3.5+5.0+5.0	15.0	0.85+1.98 +2.83+2.83 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.04+2.23+3.37+3.37 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB					
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert		
				GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V					240 V	220 V		230 V	240 V
1.5+4.2+4.2+4.2	14.1	0.90+2.53 +2.53+2.53 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.14+2.95+2.95+2.95 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.5+4.2+4.2+5.0	14.9	0.86+2.40 +2.40+2.85 (2.50-8.50)	8.50	2600 (550-3120)	11.94	11.42	10.94	3.27	1.06+2.75+2.75+3.44 (3.00-11.5)	10.00	2890 (540-3360)	13.27	12.69	12.16	3.46
1.8+1.8+1.8+1.8	7.2	1.80+1.80 +1.80+1.80 (2.90-7.90)	7.20	2330 (550-2292)	10.70	10.23	9.81	3.09	2.50+2.50+2.50+2.50 (3.0-10.9)	10.00	2400 (540-2720)	11.02	10.54	10.10	4.17
1.8+1.8+1.8+2.5	7.9	1.80+1.80 +1.80+2.50 (2.90-8.70)	7.90	2380 (550-3120)	10.93	10.45	10.02	3.32	2.29+2.29+2.29+3.12 (3.0-11.1)	10.00	2700 (540-3050)	12.40	11.86	11.36	3.70
1.8+1.8+1.8+3.5	8.9	1.72+1.72 +1.72+3.34 (2.90-9.80)	8.50	2630 (550-3120)	12.08	11.55	11.07	3.23	2.12+2.12+2.12+3.64 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+1.8+4.2	9.6	1.59+1.59 +1.59+3.72 (2.90-9.80)	8.50	2640 (550-3260)	12.12	11.59	11.11	3.22	1.97+1.97+1.97+4.09 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+1.8+5.0	10.4	1.46+1.46 +1.46+4.11 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.79+1.78+1.78+4.66 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+1.8+6.0	11.4	1.33+1.33 +1.33+4.49 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.67+1.66+1.66+5.02 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+2.5+2.5	8.6	1.78+1.78 +2.47+2.47 (2.90-9.50)	8.50	2690 (550-3040)	12.35	11.81	11.32	3.16	2.12+2.12+2.88+2.88 (3.0-11.2)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+2.5+3.5	9.6	1.59+1.59 +2.21+3.10 (2.90-9.9)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.97+1.97+2.68+3.39 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+2.5+4.2	10.3	1.49+1.49 +2.06+3.47 (2.90-9.9)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.84+1.84+2.50+3.82 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+2.5+5.0	11.1	1.37+1.37 +1.90+3.88 (2.90-9.9)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.68+1.67+2.27+4.41 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+2.5+6.0	12.1	1.25+1.25 +1.75+4.26 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.57+1.56+2.13+4.77 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+3.5+3.5	10.6	1.44+1.44 +2.81+2.81 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.84+1.84+3.16+3.16 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+3.5+4.2	11.3	1.35+1.35 +2.63+3.16 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.72+1.72+2.97+3.59 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+3.5+5.0	12.1	1.27+1.27 +2.46+3.49 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.58+1.59+2.72+4.09 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+3.5+6.0	13.1	1.18+1.18 +2.27+3.87 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.49+1.50+2.56+4.44 (3.0-11.6)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+4.2+4.2	12.0	1.28+1.28 +2.98+2.98 (2.90-9.90)	8.50	2390 (550-3230)	10.97	10.50	10.06	3.56	1.62+1.62+3.38+3.38 (3.0-11.6)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+4.2+5.0	12.8	1.21+1.21 +2.79+3.30 (2.90-9.90)	8.50	2390 (550-3230)	10.97	10.50	10.06	3.56	1.50+1.51+3.11+3.87 (3.0-11.6)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
1.8+1.8+4.2+6.0	13.8	1.12+1.12 +2.59+3.68 (2.90-9.90)	8.50	2390 (550-3230)	10.97	10.50	10.06	3.56	1.41+1.42+2.94+4.22 (3.0-11.6)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert			
				GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V					240 V	220 V		230 V	240 V	
VIER GERÄTE	1.8+1.8+5.0+5.0	13.6	1.14+1.14 +3.12+3.12 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.39+1.40+3.60+3.60 (3.0-11.6)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+1.8+5.0+6.0	14.6	1.06+1.06 +2.90+3.48 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.32+1.33+3.41+3.94 (3.0-12.1)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+2.5+2.5	9.3	1.68+2.28 +2.28+2.28 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.97+2.70+2.70+2.62 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+2.5+3.5	10.3	1.52+2.08 +2.08+2.83 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.84+2.52+2.52+3.10 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+2.5+4.2	11.0	1.42+1.92 +1.92+3.24 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.72+2.33+2.33+3.58 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+2.5+5.0	11.8	1.33+1.79 +1.79+3.59 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.58+2.14+2.14+4.10 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+2.5+6.0	12.8	1.23+1.65 +1.65+3.97 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.49+2.01+2.01+4.45 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+3.5+3.5	11.3	1.32+1.89 +2.64+2.64 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.72+2.35+2.98+2.98 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+3.5+4.2	12.0	1.25+1.78 +2.49+2.99 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.62+2.22+2.80+3.39 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+3.5+5.0	12.8	1.23+1.65 +2.31+3.30 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.50+2.03+2.56+3.87 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+3.5+6.0	13.8	1.14+1.53 +2.15+3.68 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.41+1.91+2.42+4.22 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+2.5+4.2+4.2	12.7	1.22+1.65 +2.81+2.81 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.53+2.07+3.19+3.19 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80
	1.8+2.5+4.2+5.0	13.5	1.15+1.55 +2.64+3.15 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.42+1.91+2.95+3.69 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80
	1.8+2.5+4.2+6.0	14.5	1.08+1.45 +2.46+3.52 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.34+1.81+2.80+4.03 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80
	1.8+2.5+5.0+5.0	14.3	1.09+1.47 +2.97+2.97 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.32+1.78+3.44+3.44 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80
	1.8+2.5+5.0+6.0	15.3	1.02+1.37 +2.78+3.33 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.26+1.69+3.27+3.77 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80
	1.8+3.5+3.5+3.5	12.3	1.21+2.43 +2.43+2.43 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.62+2.80+2.80+2.80 (3.0-12.1)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70
	1.8+3.5+3.5+4.2	13.0	1.15+2.30 +2.30+2.76 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.53+2.65+2.65+3.20 (3.0-12.1)	10.00	2700 (540-3080)	12.40	11.86	11.36	3.70
	1.8+3.5+3.5+5.0	13.8	1.14+2.15 +2.15+3.06 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.42+2.43+2.43+3.67 (3.0-12.1)	10.00	2700 (540-3080)	12.40	11.86	11.36	3.70
	1.8+3.5+3.5+6.0	14.8	1.06+2.00 +2.00+3.43 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.34+2.30+2.30+4.01 (3.0-12.1)	10.00	2700 (540-3080)	12.40	11.86	11.36	3.70

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)			AUSSENGERÄT					NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				COP-Wert
					GESAMT- EINGANG (W)	STROMSTÄRKE (A)			ϕ <sub>LIQ</sub>			GESAMT- EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V			
		GESAMT	220 V	230 V		240 V	220 V	230 V					240 V			
1.8+3.5+4.2+4.2	13.7	1.14+2.15 +2.61+2.61 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.45+2.48+3.02+3.02 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
1.8+3.5+4.2+5.0	14.5	1.08+2.03 +2.46+2.93 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.35+2.30+2.81+3.51 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
1.8+3.5+4.2+6.0	15.5	1.01+1.90 +2.30+3.29 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.28+2.19+2.67+3.85 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
1.8+3.5+5.0+5.0	15.3	1.02+1.92 +2.78+2.78 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.26+2.15+3.28+3.28 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
1.8+4.2+4.2+4.2	14.4	1.08+2.46 +2.48+2.48 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.38+2.85+2.87+2.87 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
1.8+4.2+4.2+5.0	15.2	1.03+2.33 +2.35+2.80 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.21+2.49+3.14+3.14 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
2.5+2.5+2.5+2.5	10.0	2.13+2.13 +2.13+2.13 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	2.50+2.50+2.50+2.50 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70	
2.5+2.5+2.5+3.5	11.0	1.93+1.93 +1.93+2.69 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	2.34+2.34+2.34+2.96 (3.0-11.4)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	
2.5+2.5+2.5+4.2	11.7	1.82+1.82 +1.82+3.04 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	2.21+2.21+2.21+3.37 (3.0-11.4)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	
2.5+2.5+2.5+5.0	12.5	1.70+1.70 +1.70+3.40 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	2.04+2.04+2.04+3.89 (3.0-11.6)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	
2.5+2.5+2.5+6.0	13.5	1.57+1.57 +1.57+3.78 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	1.92+1.92+1.92+4.24 (3.0-11.6)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	
2.5+2.5+3.5+3.5	12.0	1.77+1.77 +2.47+2.47 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	2.21+2.21+2.78+2.78 (3.0-11.4)	10.00	2700 (540-3020)	12.40	11.86	11.36	3.70	
2.5+2.5+3.5+4.2	12.7	1.67+1.67 +2.33+2.80 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	2.09+2.09+2.63+3.18 (3.0-12.1)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	
2.5+2.5+3.5+5.0	13.5	1.57+1.57 +2.20+3.15 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	1.93+1.93+2.44+3.69 (3.0-12.1)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	
2.5+2.5+3.5+6.0	14.5	1.47+1.47 +2.05+3.52 (2.90-9.90)	8.50	2370 (550-3260)	10.88	10.41	9.97	3.59	1.83+1.83+2.31+4.03 (3.0-12.1)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	
2.5+2.5+4.2+4.2	13.4	1.59+1.59 +2.65+2.65 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.98+1.98+3.01+3.01 (3.0-12.1)	10.00	2700 (540-2890)	12.40	11.86	11.36	3.70	
2.5+2.5+4.2+5.0	14.2	1.50+1.50 +2.51+2.99 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.93+1.93+2.44+3.69 (3.0-12.1)	10.00	2700 (540-2890)	12.40	11.86	11.36	3.70	
2.5+2.5+4.2+6.0	15.2	1.40+1.40 +2.35+3.36 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.83+1.83+2.31+4.03 (3.0-12.1)	10.00	2700 (540-2890)	12.40	11.86	11.36	3.70	
2.5+2.5+5.0+5.0	15.0	1.42+1.42 +2.83+2.83 (2.90-9.90)	8.50	2370 (550-3230)	10.88	10.41	9.97	3.59	1.72+1.72+3.28+3.28 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
2.5+3.5+3.5+3.5	13.0	1.64+2.29 +2.29+2.29 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	2.09+2.64+2.64+2.64 (3.0-11.6)	10.00	2700 (540-3010)	12.40	11.86	11.36	3.70	



## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									HEIZBETRIEB						COP-Wert
	GESAMT (kW)	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT						
				GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V					
					220 V	230 V	240 V				220 V	230 V	240 V			
2.5+3.5+3.5+4.2	13.7	1.56+2.17 +2.17+2.61 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.98+2.50+2.50+3.02 (3.0-12.1)	10.00	2700 (540-2890)	12.40	11.86	11.36	3.70	
2.5+3.5+3.5+5.0	14.5	1.48+2.05 +2.05+2.93 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.84+2.32+2.32+3.51 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
2.5+3.5+3.5+6.0	15.5	1.38+1.92 +1.92+3.29 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.74+2.21+2.21+3.85 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
2.5+3.5+4.2+4.2	14.4	1.49+2.07 +2.48+2.48 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.88+2.38+2.87+2.87 (3.0-12.1)	10.00	2700 (540-2890)	12.40	11.86	11.36	3.70	
2.5+3.5+4.2+5.0	15.2	1.41+1.96 +2.35+2.80 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.75+2.22+2.68+3.35 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
2.5+4.2+4.2+4.2	15.1	1.42+2.36 +2.36+2.36 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	1.75+2.22+2.68+3.35 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
3.5+3.5+3.5+3.5	14.0	2.13+2.13 +2.13+2.13 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	2.50+2.50+2.50+2.50 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
3.5+3.5+3.5+4.2	14.7	2.02+2.02 +2.02+2.43 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	2.38+2.38+2.38+2.87 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
3.5+3.5+3.5+5.0	15.5	1.92+1.92 +1.92+2.74 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	2.22+2.22+2.22+3.35 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
3.5+3.5+4.2+4.2	15.4	1.93+1.93 +2.32+2.32 (2.90-9.90)	8.50	2390 (550-3260)	10.97	10.50	10.06	3.56	2.22+2.22+2.22+3.35 (3.0-12.1)	10.00	2630 (540-2890)	12.08	11.55	11.07	3.80	
1.5+1.5+1.5+1.5 +1.5	7.5	1.50+1.50 +1.50+1.50+1.50 (2.40-7.00)	7.50	2200 (550-2800)	10.10	9.66	9.26	3.41	2.00+2.00+2.00+2.00 +2.00 (3.4-10.5)	10.00	2350 (610-2820)	10.79	10.32	9.89	4.26	
1.5+1.5+1.5+1.5 +1.8	7.8	1.50+1.50 +1.50+1.50+1.80 (2.7-8.6)	7.80	2280 (550-2800)	10.47	10.01	9.60	3.42	1.90+1.90+1.90+1.90 +2.38 (3.40-11.0)	10.00	2360 (610-2832)	10.84	10.36	9.93	4.24	
1.5+1.5+1.5+1.5 +2.5	8.5	1.50+1.50 +1.50+1.50+2.50 (2.90-9.90)	8.50	2330 (550-2800)	10.70	10.23	9.81	3.65	1.75+1.75+1.75+1.75 +2.98 (3.40-11.5)	10.00	2400 (610-2880)	11.02	10.54	10.10	4.17	
1.5+1.5+1.5+1.5 +3.5	9.5	1.34+1.34 +1.34+1.34+3.13 (2.90-9.90)	8.50	2590 (550-3260)	11.89	11.37	10.90	3.28	1.63+1.63+1.63+1.63 +3.50 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	
1.5+1.5+1.5+1.5 +4.2	10.2	1.25+1.25 +1.25+1.25+3.50 (2.90-9.90)	8.50	2590 (550-3260)	11.89	11.37	10.90	3.28	1.52+1.52+1.52+1.52 +3.94 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	
1.5+1.5+1.5+1.5 +5.0	11.0	1.16+1.16 +1.16+1.16+3.86 (2.90-9.90)	8.50	2590 (550-3260)	11.89	11.37	10.90	3.28	1.38+1.38+1.38+1.38 +4.48 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	
1.5+1.5+1.5+1.5 +6.0	12.0	1.06+1.06 +1.06+1.06+4.25 (2.90-9.90)	8.50	2590 (550-3260)	11.89	11.37	10.90	3.28	1.29+1.29+1.29+1.29 +4.84 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	
1.5+1.5+1.5+1.8 +1.8	8.1	1.50+1.50 +1.50+1.80+1.80 (2.90-9.90)	8.10	2150 (550-2292)	9.87	9.44	9.05	3.77	1.82+1.82+1.82+2.27 +2.27 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	
1.5+1.5+1.5+1.8 +2.5	8.8	1.45+1.45 +1.45+1.74+2.41 (2.90-9.90)	8.50	2200 (550-2292)	10.10	9.66	9.26	3.86	1.68+1.68+1.68+2.10 +2.86 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	
1.5+1.5+1.5+1.8 +3.5	9.8	1.30+1.30 +1.30+1.56+3.04 (2.90-9.90)	8.50	2620 (550-3260)	12.03	11.51	11.03	3.24	1.56+1.56+1.56+1.95 +3.36 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	
1.5+1.5+1.5+1.8 +4.2	10.5	1.21+1.21 +1.21+1.46+3.40 (2.90-9.90)	8.50	2620 (550-3260)	12.03	11.51	11.03	3.24	1.46+1.46+1.46+1.82 +3.80 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07	

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB								NENNLEISTUNG						
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	AUSSENGERÄT					NENNLEISTUNG (kW) (BEREICH)	AUSSENGERÄT				COP-Wert		
			GESAMT	GESAMT-EINGANG (W)	STROMSTÄRKE (A)				GESAMT	GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V	240 V				220 V	230 V		240 V	
1.5+1.5+1.5+1.8+5.0	11.3	1.13+1.13+1.13+1.35+3.76 (2.90-9.90)	8.50	2620 (550-3260)	12.03	11.51	11.03	3.24	1.33+1.33+1.33+1.67+4.33 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+1.8+6.0	12.3	1.04+1.04+1.04+1.24+4.15 (2.90-9.90)	8.50	2680 (550-3260)	12.30	11.77	11.28	3.17	1.25+1.25+1.25+1.56+4.69 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+2.5+2.5	9.5	1.34+1.34+1.34+2.24+2.24 (2.90-9.90)	8.50	2480 (550-3260)	11.39	10.89	10.44	3.43	1.56+1.56+1.56+2.66+2.66 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+2.5+3.5	10.5	1.21+1.21+1.21+2.02+2.83 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.46+1.46+1.46+2.48+3.14 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+2.5+4.2	11.2	1.14+1.14+1.14+1.90+3.19 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.37+1.37+1.37+2.33+3.56 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+2.5+5.0	12.0	1.06+1.06+1.06+1.77+3.54 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.26+1.26+1.26+2.14+4.09 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+2.5+6.0	13.0	0.98+0.98+0.98+1.63+3.92 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.18+1.18+1.18+2.01+4.44 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+3.5+3.5	11.5	1.11+1.11+1.11+2.59+2.59 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.37+1.37+1.37+2.95+2.95 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+3.5+4.2	12.2	1.05+1.05+1.05+2.44+2.93 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.29+1.29+1.29+2.77+3.35 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+3.5+5.0	13.0	0.98+0.98+0.98+2.29+3.27 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.19+1.19+1.19+2.56+3.87 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+3.5+6.0	14.0	0.91+0.91+0.91+2.13+3.64 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.12+1.12+1.12+2.42+4.21 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+4.2+4.2	12.9	0.99+0.99+0.99+2.77+2.77 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.22+1.22+1.22+3.17+3.17 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+4.2+5.0	13.7	0.93+0.93+0.93+2.61+3.10 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.13+1.13+1.13+2.94+3.67 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+4.2+6.0	14.7	0.87+0.87+0.87+2.43+3.47 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.07+1.07+1.07+2.78+4.01 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+5.0+5.0	14.5	0.88+0.88+0.88+2.93+2.93 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.05+1.05+1.05+3.42+3.42 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.5+5.0+6.0	15.5	0.82+0.82+0.82+2.74+3.29 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.00+1.00+1.00+3.25+3.75 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+1.8+1.8	8.4	1.50+1.50+1.80+1.80+1.80 (2.90-9.90)	8.40	2180 (550-2292)	10.01	9.57	9.18	3.85	1.74+1.74+2.17+2.17+2.17 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+1.8+2.5	9.1	1.40+1.40+1.68+1.68+2.34 (2.90-9.90)	8.50	2490 (550-3260)	11.43	10.94	10.48	3.41	1.61+1.61+2.02+2.02+2.74 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+1.8+3.5	10.1	1.26+1.26+1.51+1.51+2.95 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.50+1.50+1.88+1.88+3.23 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+1.8+4.2	10.8	1.18+1.18+1.42+1.42+3.31 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.41+1.41+1.76+1.76+3.66 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB								NENNLEISTUNG						
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	AUSSENGERÄT					COP-Wert	NENNLEISTUNG (kW) (BEREICH)	AUSSENGERÄT					
			GESAMT	GESAMT-EINGANG (W)	STROMSTÄRKE (A)					GESAMT	GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V			
					220 V	230 V	240 V					220 V	230 V	240 V	
1.5+1.5+1.8+1.8+5.0	11.6	1.10+1.10+1.32+1.32+3.66 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.29+1.29+1.61+1.61+4.19 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+1.8+6.0	12.6	1.01+1.01+1.21+1.21+4.05 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.21+1.21+1.52+1.52+4.55 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+2.5+2.5	9.8	1.30+1.30+1.56+2.17+2.17 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.50+1.50+1.88+2.56+2.56 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+2.5+3.5	10.8	1.18+1.18+1.42+1.97+2.75 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.41+1.41+1.76+2.39+3.03 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+2.5+4.2	11.5	1.11+1.11+1.33+1.85+3.10 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.32+1.32+1.66+2.25+3.44 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+2.5+5.0	12.3	1.04+1.04+1.24+1.73+3.46 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.22+1.22+1.52+2.07+3.96 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+2.5+6.0	13.3	0.96+0.96+1.15+1.60+3.83 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.15+1.15+1.44+1.95+4.31 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+3.5+3.5	11.8	1.08+1.08+1.30+2.52+2.52 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.32+1.32+1.66+2.85+2.85 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+3.5+4.2	12.5	1.02+1.02+1.22+2.38+2.86 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.25+1.25+1.56+2.69+3.25 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+3.5+5.0	13.3	0.96+0.96+1.15+2.24+3.20 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.16+1.16+1.45+2.49+3.76 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+3.5+6.0	14.3	0.89+0.89+1.07+2.08+3.57 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.09+1.09+1.37+2.35+4.10 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+4.2+4.2	13.2	0.97+0.97+1.16+2.70+2.70 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.18+1.18+1.48+3.08+3.08 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+4.2+5.0	14.0	0.91+0.91+1.09+2.55+3.04 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.10+1.10+1.37+2.86+3.57 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+4.2+6.0	15.0	0.85+0.85+1.02+2.38+3.40 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.04+1.04+1.30+2.71+3.91 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+1.8+5.0+5.0	14.8	0.86+0.86+1.03+2.87+2.87 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.03+1.03+1.28+3.33+3.33 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+2.5+2.5	10.5	1.21+1.21+2.02+2.02+2.02 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.41+1.41+2.39+2.39+2.39 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+2.5+3.5	11.5	1.11+1.11+1.85+1.85+2.59 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.32+1.32+2.25+2.25+2.85 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+2.5+4.2	12.2	1.05+1.05+1.74+1.74+2.93 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.25+1.25+2.13+2.13+3.25 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+2.5+5.0	13.0	0.98+0.98+1.63+1.63+3.27 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.16+1.16+1.97+1.97+3.76 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+2.5+6.0	14.0	0.91+0.91+1.52+1.52+3.64 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.09+1.09+1.86+1.86+4.10 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									NENNLEISTUNG					
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	AUSSENGERÄT						COP	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert
			GESAMT-EINGANG (W)	STROMSTÄRKE (A)			GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V							
				220 V	230 V	240 V		220 V				230 V	240 V		
1.5+1.5+2.5+3.5+3.5	12.5	1.02+1.02+1.70+2.38+2.38 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.25+1.25+2.13+2.69+2.69 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+3.5+4.2	13.2	0.97+0.97+1.61+2.25+2.70 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.18+1.18+2.01+2.54+3.08 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+3.5+5.0	14.0	0.91+0.91+1.52+2.13+3.04 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.10+1.10+1.87+2.36+3.57 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+3.5+6.0	15.0	0.85+0.85+1.42+1.98+3.40 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.04+1.04+1.77+2.24+3.91 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+4.2+4.2	13.9	0.92+0.92+1.53+2.57+2.57 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.12+1.12+1.91+2.92+2.92 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+4.2+5.0	14.7	0.87+0.87+1.45+2.43+2.89 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.05+1.05+1.78+2.72+3.40 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+2.5+5.0+5.0	15.5	0.82+0.82+1.37+2.74+2.74 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	0.98+0.98+1.67+3.19+3.19 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+3.5+3.5+3.5	13.5	0.94+0.94+2.20+2.20+2.20 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.18+1.18+2.54+2.54+2.54 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+3.5+3.5+4.2	14.2	0.90+0.90+2.10+2.10+2.51 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.12+1.12+2.42+2.42+2.92 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+3.5+3.5+5.0	15.0	0.85+0.85+1.98+1.98+2.83 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.05+1.05+2.25+2.25+3.40 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.5+3.5+4.2+4.2	14.9	0.86+0.86+2.00+2.40+2.40 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.05+1.05+2.25+2.25+3.40 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+1.8+1.8	8.7	1.47+1.76+1.76+1.76+1.76 (2.90-9.90)	8.50	2530 (550-3260)	11.62	11.11	10.65	3.36	1.67+2.08+2.08+2.08+2.08 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+1.8+2.5	9.4	1.36+1.63+1.63+1.63+2.26 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.55+1.94+1.94+1.94+2.64 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+1.8+3.5	10.4	1.23+1.47+1.47+1.47+2.86 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.45+1.81+1.81+1.81+3.12 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+1.8+4.2	11.1	1.15+1.38+1.38+1.38+3.22 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.36+1.70+1.70+1.70+3.54 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+1.8+5.0	11.9	1.07+1.29+1.29+1.29+3.57 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.25+1.56+1.56+1.56+4.06 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+1.8+6.0	12.9	0.99+1.19+1.19+1.19+3.95 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.18+1.47+1.47+1.47+4.41 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+2.5+2.5	10.1	1.26+1.51+1.51+2.10+2.10 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.45+1.81+1.81+2.46+2.46 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+2.5+3.5	11.1	1.15+1.38+1.38+1.91+2.68 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.36+1.70+1.70+2.31+2.93 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+1.8+2.5+4.2	11.8	1.08+1.30+1.30+1.80+3.03 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.28+1.60+1.60+2.18+3.33 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07

FÜNF GERÄTE

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									NENNLEISTUNG						
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	AUSSENGERÄT						COP-Wert	NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT				
			GESAMT-EINGANG (W)	STROMSTÄRKE (A)			GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V								
				GESAMT	220 V	230 V		240 V				220 V	230 V	240 V		
FÜNF GERÄTE	1.5+1.8+1.8+2.5+5.0	12.6	1.01+1.21+1.21+1.69+3.37 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.18+1.48+1.48+2.01+3.85 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+2.5+6.0	13.6	0.94+1.13+1.13+1.56+3.75 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.12+1.40+1.40+1.90+4.19 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+3.5+3.5	12.1	1.05+1.26+1.26+2.46+2.46 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.28+1.60+1.60+2.76+2.76 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+3.5+4.2	12.8	1.00+1.20+1.20+2.32+2.79 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.21+1.52+1.52+2.61+3.15 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+3.5+5.0	13.6	0.94+1.13+1.13+2.19+3.13 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.12+1.40+1.40+2.42+3.65 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+3.5+6.0	14.6	0.87+1.05+1.05+2.04+3.49 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.06+1.33+1.33+2.29+3.99 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+4.2+4.2	13.5	0.94+1.13+1.13+2.64+2.64 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.15+1.44+1.44+2.99+2.99 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+4.2+5.0	14.3	0.89+1.07+1.07+2.50+2.97 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.07+1.34+1.34+2.78+3.48 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+4.2+6.0	15.3	0.83+1.00+1.00+2.33+3.33 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.02+1.27+1.27+2.64+3.81 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+1.8+5.0+5.0	15.1	0.84+1.01+1.01+2.81+2.81 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.00+1.25+1.25+3.25+3.25 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+2.5+2.5	10.8	1.18+1.42+1.97+1.97+1.97 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.36+1.70+2.31+2.31+2.31 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+2.5+3.5	11.8	1.08+1.30+1.80+1.80+2.52 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.28+1.60+2.18+2.18+2.76 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+2.5+4.2	12.5	1.02+1.22+1.70+1.70+2.86 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.21+1.52+2.06+2.06+3.15 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+2.5+5.0	13.3	0.96+1.15+1.60+1.60+3.20 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.12+1.40+1.91+1.91+3.65 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+2.5+6.0	14.3	0.89+1.07+1.49+1.49+3.57 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.06+1.33+1.81+1.81+3.99 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+3.5+3.5	12.8	1.00+1.20+1.66+2.32+2.32 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.21+1.52+2.06+2.61+2.61 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+3.5+4.2	13.5	0.94+1.13+1.57+2.20+2.64 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.15+1.44+1.95+2.47+2.99 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+3.5+5.0	14.3	0.89+1.07+1.49+2.08+2.97 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.07+1.34+1.82+2.30+3.48 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+3.5+6.0	15.3	0.83+1.00+1.39+1.94+3.33 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.02+1.27+1.73+2.18+3.81 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
	1.5+1.8+2.5+4.2+4.2	14.2	0.90+1.08+1.50+2.51+2.51 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.09+1.37+1.86+2.84+2.84 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									NENNLEISTUNG					
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	AUSSENGERÄT						NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert	
			GESAMT	GESAMT-EINGANG (W)	STROMSTÄRKE (A)			GESAMT-EINGANG (W)			STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V	240 V				220 V	230 V	240 V		
1.5+1.8+2.5+4.2+5.0	15.0	0.85+1.02+1.42+2.38+2.83 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.02+1.28+1.73+2.65+3.32 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+3.5+3.5+3.5	13.8	0.92+1.11+2.16+2.16+2.16 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.15+1.44+2.47+2.47+2.47 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+3.5+3.5+4.2	14.5	0.88+1.06+2.05+2.05+2.46 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.09+1.37+2.35+2.35+2.84 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+3.5+3.5+5.0	15.3	0.83+1.00+1.94+1.94+2.78 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.02+1.28+2.19+2.19+3.32 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+1.8+3.5+4.2+4.2	15.2	0.84+1.01+1.96+2.35+2.35 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.02+1.28+2.19+2.19+3.32 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+2.5+2.5	11.5	1.11+1.85+1.85+1.85+1.85 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.28+2.18+2.18+2.18+2.18 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+2.5+3.5	12.5	1.02+1.70+1.70+1.70+2.38 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.21+2.06+2.06+2.06+2.61 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+2.5+4.2	13.2	0.97+1.61+1.61+1.61+2.70 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.15+1.95+1.95+1.95+2.99 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+2.5+5.0	14.0	0.91+1.52+1.52+1.52+3.04 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.07+1.82+1.82+1.82+3.48 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+2.5+6.0	15.0	0.85+1.42+1.42+1.42+3.40 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.02+1.73+1.73+1.73+3.81 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+3.5+3.5	13.5	0.94+1.57+1.57+2.20+2.20 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.15+1.95+1.95+2.47+2.47 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+3.5+4.2	14.2	0.90+1.50+1.50+2.10+2.51 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.09+1.86+1.86+2.35+2.84 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+3.5+5.0	15.0	0.85+1.42+1.42+1.98+2.83 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.02+1.73+1.73+2.19+3.32 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+2.5+4.2+4.2	14.9	0.86+1.43+1.43+2.40+2.40 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.15+1.95+1.95+2.47+2.47 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+3.5+3.5+3.5	14.5	0.88+1.47+2.05+2.05+2.05 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.09+1.86+2.35+2.35+2.35 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+2.5+3.5+3.5+4.2	15.2	0.84+1.40+1.96+1.96+2.35 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.04+1.77+2.24+2.24+2.71 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.5+3.5+3.5+3.5+3.5	15.5	0.82+1.92+1.92+1.92+1.92 (2.90-9.90)	8.50	2690 (550-3260)	12.35	11.81	11.32	3.16	1.04+1.77+2.24+2.24+2.71 (3.40-11.5)	10.00	2460 (610-2952)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+1.8+1.8	9.0	1.70+1.70+1.70+1.70+1.70 (2.90-9.90)	8.50	2530 (600-3040)	11.62	11.11	10.65	3.36	2.00+2.00+2.00+2.00+2.00 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+1.8+2.5	9.7	1.58+1.58+1.58+1.58+2.19 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.87+1.87+1.87+1.87+2.54 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+1.8+3.5	10.7	1.43+1.43+1.43+1.43+2.78 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.75+1.75+1.75+1.75+3.01 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07

## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									NENNLEISTUNG					
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	AUSSENGERÄT						NENNLEISTUNG (kW) (BEREICH)	AUSSENGERÄT				COP-Wert	
			GESAMT	GESAMT-EINGANG (W)	STROMSTÄRKE (A)			GESAMT		GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V				
					220 V	230 V	240 V				220 V	230 V	240 V		
1.8+1.8+1.8+1.8+4.2	11.4	1.34+1.34+1.34+1.34+3.13 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.64+1.64+1.64+1.64+3.42 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+1.8+5.0	12.2	1.25+1.25+1.25+1.25+3.48 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.52+1.52+1.52+1.52+3.94 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+1.8+6.0	13.2	1.16+1.16+1.16+1.16+3.86 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.43+1.43+1.43+1.43+4.29 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+2.5+2.5	10.4	1.47+1.47+1.47+2.04+2.04 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.75+1.75+1.75+2.38+2.38 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+2.5+3.5	11.4	1.34+1.34+1.34+1.86+2.61 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.64+1.64+1.64+2.24+2.83 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+2.5+4.2	12.1	1.26+1.26+1.26+1.76+2.95 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.55+1.55+1.55+2.11+3.23 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+2.5+5.0	12.9	1.19+1.19+1.19+1.65+3.29 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.44+1.44+1.44+1.95+3.74 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+2.5+6.0	13.9	1.10+1.10+1.10+1.53+3.67 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.36+1.36+1.36+1.85+4.08 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+3.5+3.5	12.4	1.23+1.23+1.23+2.40+2.40 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.55+1.55+1.55+2.67+2.67 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+3.5+4.2	13.1	1.17+1.17+1.17+2.27+2.73 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.47+1.47+1.47+2.53+3.06 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+3.5+5.0	13.9	1.10+1.10+1.10+2.14+3.06 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.37+1.37+1.37+2.35+3.55 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+3.5+6.0	14.9	1.03+1.03+1.03+2.00+3.42 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.37+1.37+1.37+2.35+3.55 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+4.2+4.2	13.8	1.11+1.11+1.11+2.59+2.59 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.40+1.40+1.40+2.91+2.91 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+4.2+5.0	14.6	1.05+1.05+1.05+2.45+2.91 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.30+1.30+1.30+2.71+3.39 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+1.8+5.0+5.0	15.4	0.99+0.99+0.99+2.76+2.76 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.30+1.30+1.30+2.71+3.39 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+2.5+2.5	11.1	1.38+1.38+1.91+1.91+1.91 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.64+1.64+2.24+2.24+2.24 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+2.5+3.5	12.1	1.26+1.26+1.76+1.76+2.46 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.55+1.55+2.11+2.11+2.67 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+2.5+4.2	12.8	1.20+1.20+1.66+1.66+2.79 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.47+1.47+2.00+2.00+3.06 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+2.5+5.0	13.6	1.13+1.13+1.56+1.56+3.13 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.37+1.37+1.86+1.86+3.55 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+2.5+6.0	14.6	1.05+1.05+1.46+1.46+3.49 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.30+1.30+1.76+1.76+3.89 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07



## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS- KOMBINATION	KÜHLBETRIEB								NENNLEISTUNG						
	GESAMT (kW)	NENN- LEISTUNG (kW) (BEREICH)	AUSSENGERÄT					KÜH- LUF- T	NENNLEISTUNG (kW) (BEREICH)	AUSSENGERÄT				COP-Wert	
			GESAMT	GESAMT- EINGANG (W)	STROMSTÄRKE (A)					GESAMT	GESAMT- EINGANG (W)	STROMSTÄRKE (A) bei 220-240 V			
					220 V	230 V	240 V					220 V	230 V		240 V
1.8+1.8+2.5+ 3.5+3.5	13.1	1.17+1.17+1.62 +2.27+2.27 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.47+1.47+2.00+ 2.53+2.53 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+ 3.5+4.2	13.8	1.11+1.11+1.54 +2.16+2.59 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.40+1.40+1.90+ 2.40+2.91 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+ 3.5+5.0	14.6	1.05+1.05+1.46 +2.04+2.91 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.30+1.30+1.77+ 2.24+3.39 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+ 4.2+4.2	14.5	1.06+1.06+1.47 +2.46+2.46 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.33+1.33+1.81+ 2.77+2.77 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+2.5+ 4.2+5.0	15.3	1.00+1.00+1.39 +2.33+2.78 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.33+1.33+1.81+ 2.77+2.77 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+3.5+ 3.5+3.5	14.1	1.09+1.09+2.11 +2.11+2.11 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.40+1.40+2.40+ 2.40+2.40 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+3.5+ 3.5+4.2	14.8	1.03+1.03+2.01 +2.01+2.41 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.33+1.33+2.29+ 2.29+2.77 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+1.8+3.5+ 4.2+4.2	15.5	0.99+0.99+1.92 +2.30+2.30 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.33+1.33+2.29+ 2.29+2.77 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 2.5+2.5	11.8	1.30+1.80+1.80 +1.80+1.80 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.55+2.11+2.11+ 2.11+2.11 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 2.5+3.5	12.8	1.20+1.66+1.66 +1.66+2.32 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.47+2.00+2.00+ 2.00+2.53 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 2.5+4.2	13.5	1.13+1.57+1.57 +1.57+2.64 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.40+1.90+1.90+ 1.90+2.91 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 2.5+5.0	14.3	1.07+1.49+1.49 +1.49+2.97 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	6.00+0.82+0.82+0. 82+1.56 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 2.5+6.0	15.3	1.00+1.39+1.39 +1.39+3.33 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.24+1.68+1.68+ 1.68+3.71 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 3.5+3.5	13.8	1.11+1.54+1.54 +2.16+2.16 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.40+1.90+1.90+ 2.40+2.40 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 3.5+4.2	14.5	1.06+1.47+1.47 +2.05+2.46 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.33+1.81+1.81+ 2.29+2.77 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 3.5+5.0	15.3	1.00+1.39+1.39 +1.94+2.78 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.24+1.69+1.69+ 2.14+3.23 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+2.5+ 4.2+4.2	15.2	1.01+1.40+1.40 +2.35+2.35 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.27+1.73+1.73+ 2.64+2.64 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+3.5+ 3.5+3.5	14.8	1.03+1.44+2.01 +2.01+2.01 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.33+1.81+2.29+ 2.29+2.29 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
1.8+2.5+3.5+ 3.5+4.2	15.5	0.99+1.37+1.92 +1.92+2.30 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.27+1.73+2.18+ 2.18+2.64 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
2.5+2.5+2.5+ 2.5+2.5	12.5	1.70+1.70+1.70 +1.70+1.70 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	2.00+2.00+2.00+ 2.00+2.00 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07



## RAM-90NP5E Kombinationsmöglichkeiten der Innengeräte

MÖGLICHE BETRIEBS-KOMBINATION	KÜHLBETRIEB									NENNLEISTUNG						
	GESAMT (kW)	NENN-LEISTUNG (kW) (BEREICH)	AUSSENGERÄT						NENNLEISTUNG (kW) (BEREICH)	GESAMT	AUSSENGERÄT			COP-Wert		
			GESAMT-EINGANG (W)	STROMSTÄRKE (A)			GESAMT-EINGANG (W)	STROMSTÄRKE (A) bei 220–240 V								
				220 V	230 V	240 V		220 V			230 V	240 V				
FÜNF GERÄTE	2.5+2.5+2.5+2.5+3.5	13.5	1.57+1.57+1.57+1.57+2.20 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.90+1.90+1.90+1.90+2.40 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
	2.5+2.5+2.5+2.5+4.2	14.2	1.50+1.50+1.50+1.50+2.51 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.81+1.81+1.81+1.81+2.77 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
	2.5+2.5+2.5+2.5+5.0	15.0	1.42+1.42+1.42+1.42+2.83 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.69+1.69+1.69+1.69+3.23 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
	2.5+2.5+2.5+3.5+3.5	14.5	1.47+1.47+1.47+2.05+2.05 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.81+1.81+1.81+2.29+2.29 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
	2.5+2.5+2.5+3.5+4.2	15.2	1.40+1.40+1.40+1.96+2.35 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.73+1.73+1.73+2.18+2.64 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07
	2.5+2.5+3.5+3.5+3.5	15.5	1.37+1.37+1.92+1.92+1.92 (2.90-9.90)	8.50	2690 (600-3040)	12.35	11.81	11.32	3.16	1.73+1.73+2.18+2.18+2.18 (3.40-12.10)	10.00	2460 (610-2710)	11.29	10.80	10.35	4.07