MITSUBISHI ELECTRIC
Changes for the Better

LIVING ENVIRONMENT SYSTEMS

Mr. Slim

Tabellen sensibler und latenter Wärmeleistungen

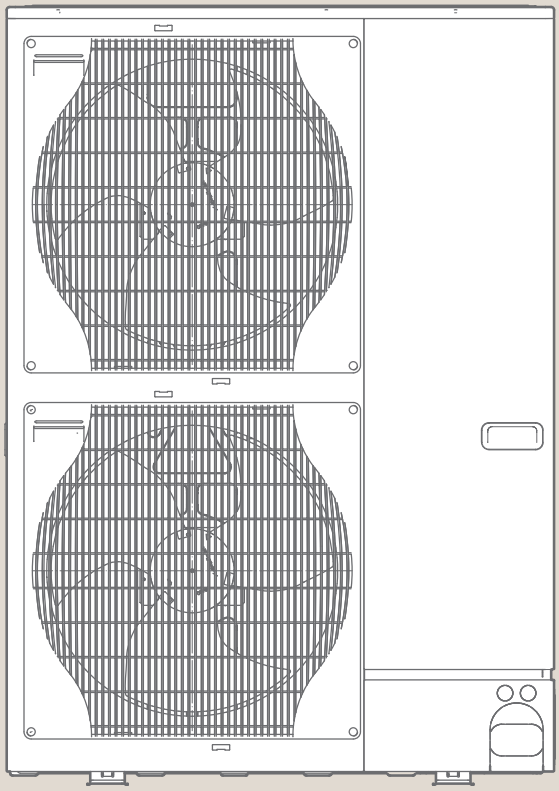
Deckenunterbaugeräte in Kombination mit Power-Inverter-Außengeräten

PCA-RP35KAQ / PUHZ-ZRP35VKA
PCA-RP50KAQ / PUHZ-ZRP50VKA
PCA-RP60KAQ / PUHZ-ZRP60VKA
PCA-RP71KAQ / PUHZ-ZRP71VKA

PCA-RP100KAQ / PUHZ-ZRP100VKA2
PCA-RP125KAQ / PUHZ-ZRP125VKA2
PCA-RP140KAQ / PUHZ-ZRP140VKA2
PCA-RP100KAQ / PUHZ-ZRP100YKA2
PCA-RP125KAQ / PUHZ-ZRP125YKA2
PCA-RP140KAQ / PUHZ-ZRP140YKA2

PCA-RP35KAQ
PCA-RP50KAQ
PCA-RP60KAQ
PCA-RP71KAQ

PCA-RP100KAQ
PCA-RP125KAQ
PCA-RP140KAQ



PUHZ-ZRP100VKA2
PUHZ-ZRP125VKA2
PUHZ-ZRP140VKA2
PUHZ-ZRP100YKA2
PUHZ-ZRP125YKA2
PUHZ-ZRP140YKA2

SINGLE- UND MULTISPLIT-SYSTEME

Kühlbetrieb

PCA-RP35KAQ/ PUHZ-ZRP35VKA (1/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		20				25				30			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	3,564	2,780	78	0,69	3,456	2,696	78	0,73	3,348	2,611	78	0,77
20	18	3,816	2,519	66	0,70	3,708	2,447	66	0,74	3,582	2,364	66	0,79
20	20	4,104	2,216	54	0,72	4,014	2,168	54	0,76	3,906	2,109	54	0,81
22	16	3,564	3,065	86	0,69	3,456	2,972	86	0,73	3,348	2,879	86	0,77
22	18	3,816	2,824	74	0,70	3,708	2,744	74	0,74	3,582	2,651	74	0,79
22	20	4,104	2,544	62	0,72	4,014	2,489	62	0,76	3,906	2,422	62	0,81
24	16	3,564	3,350	94	0,69	3,456	3,249	94	0,73	3,348	3,147	94	0,77
24	18	3,816	3,129	82	0,70	3,708	3,041	82	0,74	3,582	2,937	82	0,79
24	20	4,104	2,873	70	0,72	4,014	2,810	70	0,76	3,906	2,734	70	0,81
24	22	4,374	2,537	58	0,74	4,284	2,485	58	0,78	4,176	2,422	58	0,83
26	16	3,564	3,564	100	0,69	3,456	3,456	100	0,73	3,348	3,348	100	0,77
26	18	3,816	3,434	90	0,70	3,708	3,337	90	0,74	3,582	3,224	90	0,79
26	20	4,104	3,201	78	0,72	4,014	3,131	78	0,76	3,906	3,047	78	0,81
26	22	4,374	2,887	66	0,74	4,284	2,827	66	0,78	4,176	2,756	66	0,83
27	16	3,564	3,564	100	0,69	3,456	3,456	100	0,73	3,348	3,348	100	0,77
27	18	3,816	3,587	94	0,70	3,708	3,486	94	0,74	3,582	3,367	94	0,79
27	20	4,104	3,365	82	0,72	4,014	3,291	82	0,76	3,906	3,203	82	0,81
27	22	4,374	3,062	70	0,74	4,284	2,999	70	0,78	4,176	2,923	70	0,83
28	16	3,564	3,564	100	0,69	3,456	3,456	100	0,73	3,348	3,348	100	0,77
28	18	3,816	3,740	98	0,70	3,708	3,634	98	0,74	3,582	3,510	98	0,79
28	20	4,104	3,529	86	0,72	4,014	3,452	86	0,76	3,906	3,359	86	0,81
28	22	4,374	3,237	74	0,74	4,284	3,170	74	0,78	4,176	3,090	74	0,83
30	16	3,564	3,564	100	0,69	3,456	3,456	100	0,73	3,348	3,348	100	0,77
30	18	3,816	3,816	100	0,70	3,708	3,708	100	0,74	3,582	3,582	100	0,79
30	20	4,104	3,858	94	0,72	4,014	3,773	94	0,76	3,906	3,672	94	0,81
30	22	4,374	3,587	82	0,74	4,284	3,513	82	0,78	4,176	3,424	82	0,83
32	16	3,564	3,564	100	0,69	3,456	3,456	100	0,73	3,348	3,348	100	0,77
32	18	3,816	3,816	100	0,70	3,708	3,708	100	0,74	3,582	3,582	100	0,79
32	20	4,104	4,104	100	0,72	4,014	4,014	100	0,76	3,906	3,906	100	0,81
32	22	4,374	3,937	90	0,74	4,284	3,856	90	0,78	4,176	3,758	90	0,83
34	16	3,564	3,564	100	0,69	3,456	3,456	100	0,73	3,348	3,348	100	0,77
34	18	3,816	3,816	100	0,70	3,708	3,708	100	0,74	3,582	3,582	100	0,79
34	20	4,104	4,104	100	0,72	4,014	4,014	100	0,76	3,906	3,906	100	0,81
34	22	4,374	4,287	98	0,74	4,284	4,198	98	0,78	4,176	4,092	98	0,83

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP35KAQ/ PUHZ-ZRP35VKA (2/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		35				40				45			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	**16**	3,204	2,499	78	0,83	3,060	2,387	78	0,89	2,916	2,274	78	0,96
20	**18**	3,456	2,281	66	0,85	3,348	2,210	66	0,91	3,132	2,067	66	0,98
20	**20**	3,744	2,022	54	0,87	3,600	1,944	54	0,93	3,384	1,827	54	1,00
22	**16**	3,204	2,755	86	0,83	3,060	2,632	86	0,89	2,916	2,508	86	0,96
22	**18**	3,456	2,557	74	0,85	3,348	2,478	74	0,91	3,132	2,318	74	0,98
22	**20**	3,744	2,321	62	0,87	3,600	2,232	62	0,93	3,384	2,098	62	1,00
24	**16**	3,204	3,012	94	0,83	3,060	2,876	94	0,89	2,916	2,741	94	0,96
24	**18**	3,456	2,834	82	0,85	3,348	2,745	82	0,91	3,132	2,568	82	0,98
24	**20**	3,744	2,621	70	0,87	3,600	2,520	70	0,93	3,384	2,369	70	1,00
24	**22**	4,032	2,339	58	0,89	3,888	2,255	58	0,95	3,672	2,130	58	1,01
26	**16**	3,204	3,204	100	0,83	3,060	3,060	100	0,89	2,916	2,916	100	0,96
26	**18**	3,456	3,110	90	0,85	3,348	3,013	90	0,91	3,132	2,819	90	0,98
26	**20**	3,744	2,920	78	0,87	3,600	2,808	78	0,93	3,384	2,640	78	1,00
26	**22**	4,032	2,661	66	0,89	3,888	2,566	66	0,95	3,672	2,424	66	1,01
27	**16**	3,204	3,204	100	0,83	3,060	3,060	100	0,89	2,916	2,916	100	0,96
27	**18**	3,456	3,249	94	0,85	3,348	3,147	94	0,91	3,132	2,944	94	0,98
27	**20**	3,744	3,070	82	0,87	3,600	2,952	82	0,93	3,384	2,775	82	1,00
27	**22**	4,032	2,822	70	0,89	3,888	2,722	70	0,95	3,672	2,570	70	1,01
28	**16**	3,204	3,204	100	0,83	3,060	3,060	100	0,89	2,916	2,916	100	0,96
28	**18**	3,456	3,387	98	0,85	3,348	3,281	98	0,91	3,132	3,069	98	0,98
28	**20**	3,744	3,220	86	0,87	3,600	3,096	86	0,93	3,384	2,910	86	1,00
28	**22**	4,032	2,984	74	0,89	3,888	2,877	74	0,95	3,672	2,717	74	1,01
30	**16**	3,204	3,204	100	0,83	3,060	3,060	100	0,89	2,916	2,916	100	0,96
30	**18**	3,456	3,456	100	0,85	3,348	3,348	100	0,91	3,132	3,132	100	0,98
30	**20**	3,744	3,519	94	0,87	3,600	3,384	94	0,93	3,384	3,181	94	1,00
30	**22**	4,032	3,306	82	0,89	3,888	3,188	82	0,95	3,672	3,011	82	1,01
32	**16**	3,204	3,204	100	0,83	3,060	3,060	100	0,89	2,916	2,916	100	0,96
32	**18**	3,456	3,456	100	0,85	3,348	3,348	100	0,91	3,132	3,132	100	0,98
32	**20**	3,744	3,744	100	0,87	3,600	3,600	100	0,93	3,384	3,384	100	1,00
32	**22**	4,032	3,629	90	0,89	3,888	3,499	90	0,95	3,672	3,305	90	1,01
34	**16**	3,204	3,204	100	0,83	3,060	3,060	100	0,89	2,916	2,916	100	0,96
34	**18**	3,456	3,456	100	0,85	3,348	3,348	100	0,91	3,132	3,132	100	0,98
34	**20**	3,744	3,744	100	0,87	3,600	3,600	100	0,93	3,384	3,384	100	1,00
34	**22**	4,032	3,951	98	0,89	3,888	3,810	98	0,95	3,672	3,599	98	1,01

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP50KAQ/ PUHZ-ZRP50VKA (1/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		20				25				30			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	4,950	3,416	69	1,07	4,800	3,312	69	1,13	4,650	3,209	69	1,20
20	18	5,300	3,021	57	1,09	5,150	2,936	57	1,15	4,975	2,836	57	1,23
20	20	5,700	2,565	45	1,13	5,575	2,509	45	1,18	5,425	2,441	45	1,26
22	16	4,950	3,812	77	1,07	4,800	3,696	77	1,13	4,650	3,581	77	1,20
22	18	5,300	3,445	65	1,09	5,150	3,348	65	1,15	4,975	3,234	65	1,23
22	20	5,700	3,021	53	1,13	5,575	2,955	53	1,18	5,425	2,875	53	1,26
24	16	4,950	4,208	85	1,07	4,800	4,080	85	1,13	4,650	3,953	85	1,20
24	18	5,300	3,869	73	1,09	5,150	3,760	73	1,15	4,975	3,632	73	1,23
24	20	5,700	3,477	61	1,13	5,575	3,401	61	1,18	5,425	3,309	61	1,26
24	22	6,075	2,977	49	1,15	5,950	2,916	49	1,22	5,800	2,842	49	1,30
26	16	4,950	4,604	93	1,07	4,800	4,464	93	1,13	4,650	4,325	93	1,20
26	18	5,300	4,293	81	1,09	5,150	4,172	81	1,15	4,975	4,030	81	1,23
26	20	5,700	3,933	69	1,13	5,575	3,847	69	1,18	5,425	3,743	69	1,26
26	22	6,075	3,463	57	1,15	5,950	3,392	57	1,22	5,800	3,306	57	1,30
27	16	4,950	4,802	97	1,07	4,800	4,656	97	1,13	4,650	4,511	97	1,20
27	18	5,300	4,505	85	1,09	5,150	4,378	85	1,15	4,975	4,229	85	1,23
27	20	5,700	4,161	73	1,13	5,575	4,070	73	1,18	5,425	3,960	73	1,26
27	22	6,075	3,706	61	1,15	5,950	3,630	61	1,22	5,800	3,538	61	1,30
28	16	4,950	4,950	100	1,07	4,800	4,800	100	1,13	4,650	4,650	100	1,20
28	18	5,300	4,717	89	1,09	5,150	4,584	89	1,15	4,975	4,428	89	1,23
28	20	5,700	4,389	77	1,13	5,575	4,293	77	1,18	5,425	4,177	77	1,26
28	22	6,075	3,949	65	1,15	5,950	3,868	65	1,22	5,800	3,770	65	1,30
30	16	4,950	4,950	100	1,07	4,800	4,800	100	1,13	4,650	4,650	100	1,20
30	18	5,300	5,141	97	1,09	5,150	4,996	97	1,15	4,975	4,826	97	1,23
30	20	5,700	4,845	85	1,13	5,575	4,739	85	1,18	5,425	4,611	85	1,26
30	22	6,075	4,435	73	1,15	5,950	4,344	73	1,22	5,800	4,234	73	1,30
32	16	4,950	4,950	100	1,07	4,800	4,800	100	1,13	4,650	4,650	100	1,20
32	18	5,300	5,300	100	1,09	5,150	5,150	100	1,15	4,975	4,975	100	1,23
32	20	5,700	5,301	93	1,13	5,575	5,185	93	1,18	5,425	5,045	93	1,26
32	22	6,075	4,921	81	1,15	5,950	4,820	81	1,22	5,800	4,698	81	1,30
34	16	4,950	4,950	100	1,07	4,800	4,800	100	1,13	4,650	4,650	100	1,20
34	18	5,300	5,300	100	1,09	5,150	5,150	100	1,15	4,975	4,975	100	1,23
34	20	5,700	5,700	100	1,13	5,575	5,575	100	1,18	5,425	5,425	100	1,26
34	22	6,075	5,407	89	1,15	5,950	5,296	89	1,22	5,800	5,162	89	1,30

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP50KAQ/ PUHZ-ZRP50VKA (2/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		35				40				45			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	4,450	3,071	69	1,29	4,250	2,933	69	1,38	4,050	2,795	69	1,49
20	18	4,800	2,736	57	1,32	4,650	2,651	57	1,42	4,350	2,480	57	1,53
20	20	5,200	2,340	45	1,35	5,000	2,250	45	1,45	4,700	2,115	45	1,55
22	16	4,450	3,427	77	1,29	4,250	3,273	77	1,38	4,050	3,119	77	1,49
22	18	4,800	3,120	65	1,32	4,650	3,023	65	1,42	4,350	2,828	65	1,53
22	20	5,200	2,756	53	1,35	5,000	2,650	53	1,45	4,700	2,491	53	1,55
24	16	4,450	3,783	85	1,29	4,250	3,613	85	1,38	4,050	3,443	85	1,49
24	18	4,800	3,504	73	1,32	4,650	3,395	73	1,42	4,350	3,176	73	1,53
24	20	5,200	3,172	61	1,35	5,000	3,050	61	1,45	4,700	2,867	61	1,55
24	22	5,600	2,744	49	1,38	5,400	2,646	49	1,49	5,100	2,499	49	1,58
26	16	4,450	4,139	93	1,29	4,250	3,953	93	1,38	4,050	3,767	93	1,49
26	18	4,800	3,888	81	1,32	4,650	3,767	81	1,42	4,350	3,524	81	1,53
26	20	5,200	3,588	69	1,35	5,000	3,450	69	1,45	4,700	3,243	69	1,55
26	22	5,600	3,192	57	1,38	5,400	3,078	57	1,49	5,100	2,907	57	1,58
27	16	4,450	4,317	97	1,29	4,250	4,123	97	1,38	4,050	3,929	97	1,49
27	18	4,800	4,080	85	1,32	4,650	3,953	85	1,42	4,350	3,698	85	1,53
27	20	5,200	3,796	73	1,35	5,000	3,650	73	1,45	4,700	3,431	73	1,55
27	22	5,600	3,416	61	1,38	5,400	3,294	61	1,49	5,100	3,111	61	1,58
28	16	4,450	4,450	100	1,29	4,250	4,250	100	1,38	4,050	4,050	100	1,49
28	18	4,800	4,272	89	1,32	4,650	4,139	89	1,42	4,350	3,872	89	1,53
28	20	5,200	4,004	77	1,35	5,000	3,850	77	1,45	4,700	3,619	77	1,55
28	22	5,600	3,640	65	1,38	5,400	3,510	65	1,49	5,100	3,315	65	1,58
30	16	4,450	4,450	100	1,29	4,250	4,250	100	1,38	4,050	4,050	100	1,49
30	18	4,800	4,656	97	1,32	4,650	4,511	97	1,42	4,350	4,220	97	1,53
30	20	5,200	4,420	85	1,35	5,000	4,250	85	1,45	4,700	3,995	85	1,55
30	22	5,600	4,088	73	1,38	5,400	3,942	73	1,49	5,100	3,723	73	1,58
32	16	4,450	4,450	100	1,29	4,250	4,250	100	1,38	4,050	4,050	100	1,49
32	18	4,800	4,800	100	1,32	4,650	4,650	100	1,42	4,350	4,350	100	1,53
32	20	5,200	4,836	93	1,35	5,000	4,650	93	1,45	4,700	4,371	93	1,55
32	22	5,600	4,536	81	1,38	5,400	4,374	81	1,49	5,100	4,131	81	1,58
34	16	4,450	4,450	100	1,29	4,250	4,250	100	1,38	4,050	4,050	100	1,49
34	18	4,800	4,800	100	1,32	4,650	4,650	100	1,42	4,350	4,350	100	1,53
34	20	5,200	5,200	100	1,35	5,000	5,000	100	1,45	4,700	4,700	100	1,55
34	22	5,600	4,984	89	1,38	5,400	4,806	89	1,49	5,100	4,539	89	1,58

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP60KAQ/ PUHZ-ZRP60VKA (1/2)

[230 V]

Raumtemperatur, tr. [°CTK]	Raumtemperatur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		20				25				30			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	6,039	4,288	71	1,33	5,856	4,158	71	1,40	5,673	4,028	71	1,49
20	18	6,466	3,815	59	1,35	6,283	3,707	59	1,43	6,070	3,581	59	1,53
20	20	6,954	3,268	47	1,39	6,802	3,197	47	1,46	6,619	3,111	47	1,56
22	16	6,039	4,771	79	1,33	5,856	4,626	79	1,40	5,673	4,482	79	1,49
22	18	6,466	4,332	67	1,35	6,283	4,210	67	1,43	6,070	4,067	67	1,53
22	20	6,954	3,825	55	1,39	6,802	3,741	55	1,46	6,619	3,640	55	1,56
24	16	6,039	5,254	87	1,33	5,856	5,095	87	1,40	5,673	4,936	87	1,49
24	18	6,466	4,850	75	1,35	6,283	4,712	75	1,43	6,070	4,552	75	1,53
24	20	6,954	4,381	63	1,39	6,802	4,285	63	1,46	6,619	4,170	63	1,56
24	22	7,412	3,780	51	1,43	7,259	3,702	51	1,51	7,076	3,609	51	1,61
26	16	6,039	5,737	95	1,33	5,856	5,563	95	1,40	5,673	5,389	95	1,49
26	18	6,466	5,367	83	1,35	6,283	5,215	83	1,43	6,070	5,038	83	1,53
26	20	6,954	4,937	71	1,39	6,802	4,829	71	1,46	6,619	4,699	71	1,56
26	22	7,412	4,373	59	1,43	7,259	4,283	59	1,51	7,076	4,175	59	1,61
27	16	6,039	5,979	99	1,33	5,856	5,797	99	1,40	5,673	5,616	99	1,49
27	18	6,466	5,625	87	1,35	6,283	5,466	87	1,43	6,070	5,280	87	1,53
27	20	6,954	5,216	75	1,39	6,802	5,101	75	1,46	6,619	4,964	75	1,56
27	22	7,412	4,669	63	1,43	7,259	4,573	63	1,51	7,076	4,458	63	1,61
28	16	6,039	6,039	100	1,33	5,856	5,856	100	1,40	5,673	5,673	100	1,49
28	18	6,466	5,884	91	1,35	6,283	5,718	91	1,43	6,070	5,523	91	1,53
28	20	6,954	5,494	79	1,39	6,802	5,373	79	1,46	6,619	5,229	79	1,56
28	22	7,412	4,966	67	1,43	7,259	4,864	67	1,51	7,076	4,741	67	1,61
30	16	6,039	6,039	100	1,33	5,856	5,856	100	1,40	5,673	5,673	100	1,49
30	18	6,466	6,401	99	1,35	6,283	6,220	99	1,43	6,070	6,009	99	1,53
30	20	6,954	6,050	87	1,39	6,802	5,917	87	1,46	6,619	5,758	87	1,56
30	22	7,412	5,559	75	1,43	7,259	5,444	75	1,51	7,076	5,307	75	1,61
32	16	6,039	6,039	100	1,33	5,856	5,856	100	1,40	5,673	5,673	100	1,49
32	18	6,466	6,466	100	1,35	6,283	6,283	100	1,43	6,070	6,070	100	1,53
32	20	6,954	6,606	95	1,39	6,802	6,461	95	1,46	6,619	6,288	95	1,56
32	22	7,412	6,152	83	1,43	7,259	6,025	83	1,51	7,076	5,873	83	1,61
34	16	6,039	6,039	100	1,33	5,856	5,856	100	1,40	5,673	5,673	100	1,49
34	18	6,466	6,466	100	1,35	6,283	6,283	100	1,43	6,070	6,070	100	1,53
34	20	6,954	6,954	100	1,39	6,802	6,802	100	1,46	6,619	6,619	100	1,56
34	22	7,412	6,744	91	1,43	7,259	6,606	91	1,51	7,076	6,439	91	1,61

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP60KAQ/ PUHZ-ZRP60VKA (2/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		35				40				45			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	5,429	3,855	71	1,59	5,185	3,681	71	1,71	4,941	3,508	71	1,85
20	18	5,856	3,455	59	1,64	5,673	3,347	59	1,76	5,307	3,131	59	1,89
20	20	6,344	2,982	47	1,68	6,100	2,867	47	1,79	5,734	2,695	47	1,93
22	16	5,429	4,289	79	1,59	5,185	4,096	79	1,71	4,941	3,903	79	1,85
22	18	5,856	3,924	67	1,64	5,673	3,801	67	1,76	5,307	3,556	67	1,89
22	20	6,344	3,489	55	1,68	6,100	3,355	55	1,79	5,734	3,154	55	1,93
24	16	5,429	4,723	87	1,59	5,185	4,511	87	1,71	4,941	4,299	87	1,85
24	18	5,856	4,392	75	1,64	5,673	4,255	75	1,76	5,307	3,980	75	1,89
24	20	6,344	3,997	63	1,68	6,100	3,843	63	1,79	5,734	3,612	63	1,93
24	22	6,832	3,484	51	1,71	6,588	3,360	51	1,84	6,222	3,173	51	1,96
26	16	5,429	5,158	95	1,59	5,185	4,926	95	1,71	4,941	4,694	95	1,85
26	18	5,856	4,860	83	1,64	5,673	4,709	83	1,76	5,307	4,405	83	1,89
26	20	6,344	4,504	71	1,68	6,100	4,331	71	1,79	5,734	4,071	71	1,93
26	22	6,832	4,031	59	1,71	6,588	3,887	59	1,84	6,222	3,671	59	1,96
27	16	5,429	5,375	99	1,59	5,185	5,133	99	1,71	4,941	4,892	99	1,85
27	18	5,856	5,095	87	1,64	5,673	4,936	87	1,76	5,307	4,617	87	1,89
27	20	6,344	4,758	75	1,68	6,100	4,575	75	1,79	5,734	4,301	75	1,93
27	22	6,832	4,304	63	1,71	6,588	4,150	63	1,84	6,222	3,920	63	1,96
28	16	5,429	5,429	100	1,59	5,185	5,185	100	1,71	4,941	4,941	100	1,85
28	18	5,856	5,329	91	1,64	5,673	5,162	91	1,76	5,307	4,829	91	1,89
28	20	6,344	5,012	79	1,68	6,100	4,819	79	1,79	5,734	4,530	79	1,93
28	22	6,832	4,577	67	1,71	6,588	4,414	67	1,84	6,222	4,169	67	1,96
30	16	5,429	5,429	100	1,59	5,185	5,185	100	1,71	4,941	4,941	100	1,85
30	18	5,856	5,797	99	1,64	5,673	5,616	99	1,76	5,307	5,254	99	1,89
30	20	6,344	5,519	87	1,68	6,100	5,307	87	1,79	5,734	4,989	87	1,93
30	22	6,832	5,124	75	1,71	6,588	4,941	75	1,84	6,222	4,667	75	1,96
32	16	5,429	5,429	100	1,59	5,185	5,185	100	1,71	4,941	4,941	100	1,85
32	18	5,856	5,856	100	1,64	5,673	5,673	100	1,76	5,307	5,307	100	1,89
32	20	6,344	6,027	95	1,68	6,100	5,795	95	1,79	5,734	5,447	95	1,93
32	22	6,832	5,671	83	1,71	6,588	5,468	83	1,84	6,222	5,164	83	1,96
34	16	5,429	5,429	100	1,59	5,185	5,185	100	1,71	4,941	4,941	100	1,85
34	18	5,856	5,856	100	1,64	5,673	5,673	100	1,76	5,307	5,307	100	1,89
34	20	6,344	6,344	100	1,68	6,100	6,100	100	1,79	5,734	5,734	100	1,93
34	22	6,832	6,217	91	1,71	6,588	5,995	91	1,84	6,222	5,662	91	1,96

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP71KAQ/ PUHZ-ZRP71VKA (1/2)

[230 V]

Raumtemperatur, tr. [°CTK]	Raumtemperatur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		20				25				30			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	7,029	4,639	66	1,46	6,816	4,499	66	1,54	6,603	4,358	66	1,63
20	18	7,526	4,064	54	1,48	7,313	3,949	54	1,57	7,065	3,815	54	1,67
20	20	8,094	3,399	42	1,53	7,917	3,325	42	1,60	7,704	3,235	42	1,71
22	16	7,029	5,201	74	1,46	6,816	5,044	74	1,54	6,603	4,886	74	1,63
22	18	7,526	4,666	62	1,48	7,313	4,534	62	1,57	7,065	4,380	62	1,67
22	20	8,094	4,047	50	1,53	7,917	3,958	50	1,60	7,704	3,852	50	1,71
24	16	7,029	5,764	82	1,46	6,816	5,589	82	1,54	6,603	5,414	82	1,63
24	18	7,526	5,268	70	1,48	7,313	5,119	70	1,57	7,065	4,945	70	1,67
24	20	8,094	4,695	58	1,53	7,917	4,592	58	1,60	7,704	4,468	58	1,71
24	22	8,627	3,968	46	1,57	8,449	3,887	46	1,66	8,236	3,789	46	1,77
26	16	7,029	6,326	90	1,46	6,816	6,134	90	1,54	6,603	5,943	90	1,63
26	18	7,526	5,870	78	1,48	7,313	5,704	78	1,57	7,065	5,510	78	1,67
26	20	8,094	5,342	66	1,53	7,917	5,225	66	1,60	7,704	5,084	66	1,71
26	22	8,627	4,658	54	1,57	8,449	4,562	54	1,66	8,236	4,447	54	1,77
27	16	7,029	6,607	94	1,46	6,816	6,407	94	1,54	6,603	6,207	94	1,63
27	18	7,526	6,171	82	1,48	7,313	5,997	82	1,57	7,065	5,793	82	1,67
27	20	8,094	5,666	70	1,53	7,917	5,542	70	1,60	7,704	5,392	70	1,71
27	22	8,627	5,003	58	1,57	8,449	4,900	58	1,66	8,236	4,777	58	1,77
28	16	7,029	6,888	98	1,46	6,816	6,680	98	1,54	6,603	6,471	98	1,63
28	18	7,526	6,472	86	1,48	7,313	6,289	86	1,57	7,065	6,075	86	1,67
28	20	8,094	5,990	74	1,53	7,917	5,858	74	1,60	7,704	5,701	74	1,71
28	22	8,627	5,348	62	1,57	8,449	5,238	62	1,66	8,236	5,106	62	1,77
30	16	7,029	7,029	100	1,46	6,816	6,816	100	1,54	6,603	6,603	100	1,63
30	18	7,526	7,074	94	1,48	7,313	6,874	94	1,57	7,065	6,641	94	1,67
30	20	8,094	6,637	82	1,53	7,917	6,492	82	1,60	7,704	6,317	82	1,71
30	22	8,627	6,039	70	1,57	8,449	5,914	70	1,66	8,236	5,765	70	1,77
32	16	7,029	7,029	100	1,46	6,816	6,816	100	1,54	6,603	6,603	100	1,63
32	18	7,526	7,526	100	1,48	7,313	7,313	100	1,57	7,065	7,065	100	1,67
32	20	8,094	7,285	90	1,53	7,917	7,125	90	1,60	7,704	6,933	90	1,71
32	22	8,627	6,729	78	1,57	8,449	6,590	78	1,66	8,236	6,424	78	1,77
34	16	7,029	7,029	100	1,46	6,816	6,816	100	1,54	6,603	6,603	100	1,63
34	18	7,526	7,526	100	1,48	7,313	7,313	100	1,57	7,065	7,065	100	1,67
34	20	8,094	7,932	98	1,53	7,917	7,758	98	1,60	7,704	7,549	98	1,71
34	22	8,627	7,419	86	1,57	8,449	7,266	86	1,66	8,236	7,083	86	1,77

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP71KAQ/ PUHZ-ZRP71VKA (2/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		35				40				45			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	6,319	4,171	66	1,75	6,035	3,983	66	1,87	5,751	3,796	66	2,03
20	18	6,816	3,681	54	1,79	6,603	3,566	54	1,93	6,177	3,336	54	2,07
20	20	7,384	3,101	42	1,84	7,100	2,982	42	1,97	6,674	2,803	42	2,11
22	16	6,319	4,676	74	1,75	6,035	4,466	74	1,87	5,751	4,256	74	2,03
22	18	6,816	4,226	62	1,79	6,603	4,094	62	1,93	6,177	3,830	62	2,07
22	20	7,384	3,692	50	1,84	7,100	3,550	50	1,97	6,674	3,337	50	2,11
24	16	6,319	5,182	82	1,75	6,035	4,949	82	1,87	5,751	4,716	82	2,03
24	18	6,816	4,771	70	1,79	6,603	4,622	70	1,93	6,177	4,324	70	2,07
24	20	7,384	4,283	58	1,84	7,100	4,118	58	1,97	6,674	3,871	58	2,11
24	22	7,952	3,658	46	1,87	7,668	3,527	46	2,02	7,242	3,331	46	2,15
26	16	6,319	5,687	90	1,75	6,035	5,432	90	1,87	5,751	5,176	90	2,03
26	18	6,816	5,316	78	1,79	6,603	5,150	78	1,93	6,177	4,818	78	2,07
26	20	7,384	4,873	66	1,84	7,100	4,686	66	1,97	6,674	4,405	66	2,11
26	22	7,952	4,294	54	1,87	7,668	4,141	54	2,02	7,242	3,911	54	2,15
27	16	6,319	5,940	94	1,75	6,035	5,673	94	1,87	5,751	5,406	94	2,03
27	18	6,816	5,589	82	1,79	6,603	5,414	82	1,93	6,177	5,065	82	2,07
27	20	7,384	5,169	70	1,84	7,100	4,970	70	1,97	6,674	4,672	70	2,11
27	22	7,952	4,612	58	1,87	7,668	4,447	58	2,02	7,242	4,200	58	2,15
28	16	6,319	6,193	98	1,75	6,035	5,914	98	1,87	5,751	5,636	98	2,03
28	18	6,816	5,862	86	1,79	6,603	5,679	86	1,93	6,177	5,312	86	2,07
28	20	7,384	5,464	74	1,84	7,100	5,254	74	1,97	6,674	4,939	74	2,11
28	22	7,952	4,930	62	1,87	7,668	4,754	62	2,02	7,242	4,490	62	2,15
30	16	6,319	6,319	100	1,75	6,035	6,035	100	1,87	5,751	5,751	100	2,03
30	18	6,816	6,407	94	1,79	6,603	6,207	94	1,93	6,177	5,806	94	2,07
30	20	7,384	6,055	82	1,84	7,100	5,822	82	1,97	6,674	5,473	82	2,11
30	22	7,952	5,566	70	1,87	7,668	5,368	70	2,02	7,242	5,069	70	2,15
32	16	6,319	6,319	100	1,75	6,035	6,035	100	1,87	5,751	5,751	100	2,03
32	18	6,816	6,816	100	1,79	6,603	6,603	100	1,93	6,177	6,177	100	2,07
32	20	7,384	6,646	90	1,84	7,100	6,390	90	1,97	6,674	6,007	90	2,11
32	22	7,952	6,203	78	1,87	7,668	5,981	78	2,02	7,242	5,649	78	2,15
34	16	6,319	6,319	100	1,75	6,035	6,035	100	1,87	5,751	5,751	100	2,03
34	18	6,816	6,816	100	1,79	6,603	6,603	100	1,93	6,177	6,177	100	2,07
34	20	7,384	7,236	98	1,84	7,100	6,958	98	1,97	6,674	6,541	98	2,11
34	22	7,952	6,839	86	1,87	7,668	6,594	86	2,02	7,242	6,228	86	2,15

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP100KAQ/ PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2 (1/2)

[230 V]

Raumtemperatur, tr. [°CTK]	Raumtemperatur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		20				25				30			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	9,405	6,301	67	1,94	9,120	6,110	67	2,04	8,835	5,919	67	2,17
20	18	10,070	5,539	55	1,97	9,785	5,382	55	2,08	9,453	5,199	55	2,23
20	20	10,830	4,657	43	2,03	10,593	4,555	43	2,13	10,308	4,432	43	2,27
22	16	9,405	7,054	75	1,94	9,120	6,840	75	2,04	8,835	6,626	75	2,17
22	18	10,070	6,344	63	1,97	9,785	6,165	63	2,08	9,453	5,955	63	2,23
22	20	10,830	5,523	51	2,03	10,593	5,402	51	2,13	10,308	5,257	51	2,27
24	16	9,405	7,806	83	1,94	9,120	7,570	83	2,04	8,835	7,333	83	2,17
24	18	10,070	7,150	71	1,97	9,785	6,947	71	2,08	9,453	6,711	71	2,23
24	20	10,830	6,390	59	2,03	10,593	6,250	59	2,13	10,308	6,081	59	2,27
24	22	11,543	5,425	47	2,08	11,305	5,313	47	2,20	11,020	5,179	47	2,35
26	16	9,405	8,559	91	1,94	9,120	8,299	91	2,04	8,835	8,040	91	2,17
26	18	10,070	7,955	79	1,97	9,785	7,730	79	2,08	9,453	7,467	79	2,23
26	20	10,830	7,256	67	2,03	10,593	7,097	67	2,13	10,308	6,906	67	2,27
26	22	11,543	6,348	55	2,08	11,305	6,218	55	2,20	11,020	6,061	55	2,35
27	16	9,405	8,935	95	1,94	9,120	8,664	95	2,04	8,835	8,393	95	2,17
27	18	10,070	8,358	83	1,97	9,785	8,122	83	2,08	9,453	7,846	83	2,23
27	20	10,830	7,689	71	2,03	10,593	7,521	71	2,13	10,308	7,318	71	2,27
27	22	11,543	6,810	59	2,08	11,305	6,670	59	2,20	11,020	6,502	59	2,35
28	16	9,405	9,311	99	1,94	9,120	9,029	99	2,04	8,835	8,747	99	2,17
28	18	10,070	8,761	87	1,97	9,785	8,513	87	2,08	9,453	8,224	87	2,23
28	20	10,830	8,123	75	2,03	10,593	7,944	75	2,13	10,308	7,731	75	2,27
28	22	11,543	7,272	63	2,08	11,305	7,122	63	2,20	11,020	6,943	63	2,35
30	16	9,405	9,405	100	1,94	9,120	9,120	100	2,04	8,835	8,835	100	2,17
30	18	10,070	9,567	95	1,97	9,785	9,296	95	2,08	9,453	8,980	95	2,23
30	20	10,830	8,989	83	2,03	10,593	8,792	83	2,13	10,308	8,555	83	2,27
30	22	11,543	8,195	71	2,08	11,305	8,027	71	2,20	11,020	7,824	71	2,35
32	16	9,405	9,405	100	1,94	9,120	9,120	100	2,04	8,835	8,835	100	2,17
32	18	10,070	10,070	100	1,97	9,785	9,785	100	2,08	9,453	9,453	100	2,23
32	20	10,830	9,855	91	2,03	10,593	9,639	91	2,13	10,308	9,380	91	2,27
32	22	11,543	9,119	79	2,08	11,305	8,931	79	2,20	11,020	8,706	79	2,35
34	16	9,405	9,405	100	1,94	9,120	9,120	100	2,04	8,835	8,835	100	2,17
34	18	10,070	10,070	100	1,97	9,785	9,785	100	2,08	9,453	9,453	100	2,23
34	20	10,830	10,722	99	2,03	10,593	10,487	99	2,13	10,308	10,204	99	2,27
34	22	11,543	10,042	87	2,08	11,305	9,835	87	2,20	11,020	9,587	87	2,35

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP100KAQ/ PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2 (2/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		35				40				45			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	8,455	5,665	67	2,32	8,075	5,410	67	2,49	7,695	5,156	67	2,70
20	18	9,120	5,016	55	2,38	8,835	4,859	55	2,57	8,265	4,546	55	2,76
20	20	9,880	4,248	43	2,44	9,500	4,085	43	2,61	8,930	3,840	43	2,81
22	16	8,455	6,341	75	2,32	8,075	6,056	75	2,49	7,695	5,771	75	2,70
22	18	9,120	5,746	63	2,38	8,835	5,566	63	2,57	8,265	5,207	63	2,76
22	20	9,880	5,039	51	2,44	9,500	4,845	51	2,61	8,930	4,554	51	2,81
24	16	8,455	7,018	83	2,32	8,075	6,702	83	2,49	7,695	6,387	83	2,70
24	18	9,120	6,475	71	2,38	8,835	6,273	71	2,57	8,265	5,868	71	2,76
24	20	9,880	5,829	59	2,44	9,500	5,605	59	2,61	8,930	5,269	59	2,81
24	22	10,640	5,001	47	2,49	10,260	4,822	47	2,69	9,690	4,554	47	2,86
26	16	8,455	7,694	91	2,32	8,075	7,348	91	2,49	7,695	7,002	91	2,70
26	18	9,120	7,205	79	2,38	8,835	6,980	79	2,57	8,265	6,529	79	2,76
26	20	9,880	6,620	67	2,44	9,500	6,365	67	2,61	8,930	5,983	67	2,81
26	22	10,640	5,852	55	2,49	10,260	5,643	55	2,69	9,690	5,330	55	2,86
27	16	8,455	8,032	95	2,32	8,075	7,671	95	2,49	7,695	7,310	95	2,70
27	18	9,120	7,570	83	2,38	8,835	7,333	83	2,57	8,265	6,860	83	2,76
27	20	9,880	7,015	71	2,44	9,500	6,745	71	2,61	8,930	6,340	71	2,81
27	22	10,640	6,278	59	2,49	10,260	6,053	59	2,69	9,690	5,717	59	2,86
28	16	8,455	8,370	99	2,32	8,075	7,994	99	2,49	7,695	7,618	99	2,70
28	18	9,120	7,934	87	2,38	8,835	7,686	87	2,57	8,265	7,191	87	2,76
28	20	9,880	7,410	75	2,44	9,500	7,125	75	2,61	8,930	6,698	75	2,81
28	22	10,640	6,703	63	2,49	10,260	6,464	63	2,69	9,690	6,105	63	2,86
30	16	8,455	8,455	100	2,32	8,075	8,075	100	2,49	7,695	7,695	100	2,70
30	18	9,120	8,664	95	2,38	8,835	8,393	95	2,57	8,265	7,852	95	2,76
30	20	9,880	8,200	83	2,44	9,500	7,885	83	2,61	8,930	7,412	83	2,81
30	22	10,640	7,554	71	2,49	10,260	7,285	71	2,69	9,690	6,880	71	2,86
32	16	8,455	8,455	100	2,32	8,075	8,075	100	2,49	7,695	7,695	100	2,70
32	18	9,120	9,120	100	2,38	8,835	8,835	100	2,57	8,265	8,265	100	2,76
32	20	9,880	8,991	91	2,44	9,500	8,645	91	2,61	8,930	8,126	91	2,81
32	22	10,640	8,406	79	2,49	10,260	8,105	79	2,69	9,690	7,655	79	2,86
34	16	8,455	8,455	100	2,32	8,075	8,075	100	2,49	7,695	7,695	100	2,70
34	18	9,120	9,120	100	2,38	8,835	8,835	100	2,57	8,265	8,265	100	2,76
34	20	9,880	9,781	99	2,44	9,500	9,405	99	2,61	8,930	8,841	99	2,81
34	22	10,640	9,257	87	2,49	10,260	8,926	87	2,69	9,690	8,430	87	2,86

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP125KAQ/ PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2 (1/2)

[230 V]

Raumtemperatur, tr. [°CTK]	Raumtemperatur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		20				25				30			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	12,375	7,673	62	3,18	12,000	7,440	62	3,36	11,625	7,208	62	3,56
20	18	13,250	6,625	50	3,24	12,875	6,438	50	3,42	12,438	6,219	50	3,66
20	20	14,250	5,415	38	3,34	13,938	5,296	38	3,50	13,563	5,154	38	3,74
22	16	12,375	8,663	70	3,18	12,000	8,400	70	3,36	11,625	8,138	70	3,56
22	18	13,250	7,685	58	3,24	12,875	7,468	58	3,42	12,438	7,214	58	3,66
22	20	14,250	6,555	46	3,34	13,938	6,411	46	3,50	13,563	6,239	46	3,74
24	16	12,375	9,653	78	3,18	12,000	9,360	78	3,36	11,625	9,068	78	3,56
24	18	13,250	8,745	66	3,24	12,875	8,498	66	3,42	12,438	8,209	66	3,66
24	20	14,250	7,695	54	3,34	13,938	7,526	54	3,50	13,563	7,324	54	3,74
24	22	15,188	6,379	42	3,42	14,875	6,248	42	3,62	14,500	6,090	42	3,86
26	16	12,375	10,643	86	3,18	12,000	10,320	86	3,36	11,625	9,998	86	3,56
26	18	13,250	9,805	74	3,24	12,875	9,528	74	3,42	12,438	9,204	74	3,66
26	20	14,250	8,835	62	3,34	13,938	8,641	62	3,50	13,563	8,409	62	3,74
26	22	15,188	7,594	50	3,42	14,875	7,438	50	3,62	14,500	7,250	50	3,86
27	16	12,375	11,138	90	3,18	12,000	10,800	90	3,36	11,625	10,463	90	3,56
27	18	13,250	10,335	78	3,24	12,875	10,043	78	3,42	12,438	9,701	78	3,66
27	20	14,250	9,405	66	3,34	13,938	9,199	66	3,50	13,563	8,951	66	3,74
27	22	15,188	8,201	54	3,42	14,875	8,033	54	3,62	14,500	7,830	54	3,86
28	16	12,375	11,633	94	3,18	12,000	11,280	94	3,36	11,625	10,928	94	3,56
28	18	13,250	10,865	82	3,24	12,875	10,558	82	3,42	12,438	10,199	82	3,66
28	20	14,250	9,975	70	3,34	13,938	9,756	70	3,50	13,563	9,494	70	3,74
28	22	15,188	8,809	58	3,42	14,875	8,628	58	3,62	14,500	8,410	58	3,86
30	16	12,375	12,375	100	3,18	12,000	12,000	100	3,36	11,625	11,625	100	3,56
30	18	13,250	11,925	90	3,24	12,875	11,588	90	3,42	12,438	11,194	90	3,66
30	20	14,250	11,115	78	3,34	13,938	10,871	78	3,50	13,563	10,579	78	3,74
30	22	15,188	10,024	66	3,42	14,875	9,818	66	3,62	14,500	9,570	66	3,86
32	16	12,375	12,375	100	3,18	12,000	12,000	100	3,36	11,625	11,625	100	3,56
32	18	13,250	12,985	98	3,24	12,875	12,618	98	3,42	12,438	12,189	98	3,66
32	20	14,250	12,255	86	3,34	13,938	11,986	86	3,50	13,563	11,664	86	3,74
32	22	15,188	11,239	74	3,42	14,875	11,008	74	3,62	14,500	10,730	74	3,86
34	16	12,375	12,375	100	3,18	12,000	12,000	100	3,36	11,625	11,625	100	3,56
34	18	13,250	13,250	100	3,24	12,875	12,875	100	3,42	12,438	12,438	100	3,66
34	20	14,250	13,395	94	3,34	13,938	13,101	94	3,50	13,563	12,749	94	3,74
34	22	15,188	12,454	82	3,42	14,875	12,198	82	3,62	14,500	11,890	82	3,86

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP125KAQ/ PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2 (2/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		35				40				45			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	11,125	6,898	62	3,82	10,625	6,588	62	4,10	10,125	6,278	62	4,44
20	18	12,000	6,000	50	3,92	11,625	5,813	50	4,22	10,875	5,438	50	4,54
20	20	13,000	4,940	38	4,02	12,500	4,750	38	4,30	11,750	4,465	38	4,62
22	16	11,125	7,788	70	3,82	10,625	7,438	70	4,10	10,125	7,088	70	4,44
22	18	12,000	6,960	58	3,92	11,625	6,743	58	4,22	10,875	6,308	58	4,54
22	20	13,000	5,980	46	4,02	12,500	5,750	46	4,30	11,750	5,405	46	4,62
24	16	11,125	8,678	78	3,82	10,625	8,288	78	4,10	10,125	7,898	78	4,44
24	18	12,000	7,920	66	3,92	11,625	7,673	66	4,22	10,875	7,178	66	4,54
24	20	13,000	7,020	54	4,02	12,500	6,750	54	4,30	11,750	6,345	54	4,62
24	22	14,000	5,880	42	4,10	13,500	5,670	42	4,42	12,750	5,355	42	4,70
26	16	11,125	9,568	86	3,82	10,625	9,138	86	4,10	10,125	8,708	86	4,44
26	18	12,000	8,880	74	3,92	11,625	8,603	74	4,22	10,875	8,048	74	4,54
26	20	13,000	8,060	62	4,02	12,500	7,750	62	4,30	11,750	7,285	62	4,62
26	22	14,000	7,000	50	4,10	13,500	6,750	50	4,42	12,750	6,375	50	4,70
27	16	11,125	10,013	90	3,82	10,625	9,563	90	4,10	10,125	9,113	90	4,44
27	18	12,000	9,360	78	3,92	11,625	9,068	78	4,22	10,875	8,483	78	4,54
27	20	13,000	8,580	66	4,02	12,500	8,250	66	4,30	11,750	7,755	66	4,62
27	22	14,000	7,560	54	4,10	13,500	7,290	54	4,42	12,750	6,885	54	4,70
28	16	11,125	10,458	94	3,82	10,625	9,988	94	4,10	10,125	9,518	94	4,44
28	18	12,000	9,840	82	3,92	11,625	9,533	82	4,22	10,875	8,918	82	4,54
28	20	13,000	9,100	70	4,02	12,500	8,750	70	4,30	11,750	8,225	70	4,62
28	22	14,000	8,120	58	4,10	13,500	7,830	58	4,42	12,750	7,395	58	4,70
30	16	11,125	11,125	100	3,82	10,625	10,625	100	4,10	10,125	10,125	100	4,44
30	18	12,000	10,800	90	3,92	11,625	10,463	90	4,22	10,875	9,788	90	4,54
30	20	13,000	10,140	78	4,02	12,500	9,750	78	4,30	11,750	9,165	78	4,62
30	22	14,000	9,240	66	4,10	13,500	8,910	66	4,42	12,750	8,415	66	4,70
32	16	11,125	11,125	100	3,82	10,625	10,625	100	4,10	10,125	10,125	100	4,44
32	18	12,000	11,760	98	3,92	11,625	11,393	98	4,22	10,875	10,658	98	4,54
32	20	13,000	11,180	86	4,02	12,500	10,750	86	4,30	11,750	10,105	86	4,62
32	22	14,000	10,360	74	4,10	13,500	9,990	74	4,42	12,750	9,435	74	4,70
34	16	11,125	11,125	100	3,82	10,625	10,625	100	4,10	10,125	10,125	100	4,44
34	18	12,000	12,000	100	3,92	11,625	11,625	100	4,22	10,875	10,875	100	4,54
34	20	13,000	12,220	94	4,02	12,500	11,750	94	4,30	11,750	11,045	94	4,62
34	22	14,000	11,480	82	4,10	13,500	11,070	82	4,42	12,750	10,455	82	4,70

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP140KAQ/ PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2 (1/2)

[230 V]

Raumtemperatur, tr. [°CTK]	Raumtemperatur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		20				25				30			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	13,266	8,225	62	3,16	12,864	7,976	62	3,34	12,462	7,726	62	3,54
20	18	14,204	7,102	50	3,22	13,802	6,901	50	3,40	13,333	6,667	50	3,63
20	20	15,276	5,805	38	3,32	14,941	5,678	38	3,48	14,539	5,525	38	3,71
22	16	13,266	9,286	70	3,16	12,864	9,005	70	3,34	12,462	8,723	70	3,54
22	18	14,204	8,238	58	3,22	13,802	8,005	58	3,40	13,333	7,733	58	3,63
22	20	15,276	7,027	46	3,32	14,941	6,873	46	3,48	14,539	6,688	46	3,71
24	16	13,266	10,347	78	3,16	12,864	10,034	78	3,34	12,462	9,720	78	3,54
24	18	14,204	9,375	66	3,22	13,802	9,109	66	3,40	13,333	8,800	66	3,63
24	20	15,276	8,249	54	3,32	14,941	8,068	54	3,48	14,539	7,851	54	3,71
24	22	16,281	6,838	42	3,40	15,946	6,697	42	3,59	15,544	6,528	42	3,83
26	16	13,266	11,409	86	3,16	12,864	11,063	86	3,34	12,462	10,717	86	3,54
26	18	14,204	10,511	74	3,22	13,802	10,213	74	3,40	13,333	9,866	74	3,63
26	20	15,276	9,471	62	3,32	14,941	9,263	62	3,48	14,539	9,014	62	3,71
26	22	16,281	8,141	50	3,40	15,946	7,973	50	3,59	15,544	7,772	50	3,83
27	16	13,266	11,939	90	3,16	12,864	11,578	90	3,34	12,462	11,216	90	3,54
27	18	14,204	11,079	78	3,22	13,802	10,766	78	3,40	13,333	10,400	78	3,63
27	20	15,276	10,082	66	3,32	14,941	9,861	66	3,48	14,539	9,596	66	3,71
27	22	16,281	8,792	54	3,40	15,946	8,611	54	3,59	15,544	8,394	54	3,83
28	16	13,266	12,470	94	3,16	12,864	12,092	94	3,34	12,462	11,714	94	3,54
28	18	14,204	11,647	82	3,22	13,802	11,318	82	3,40	13,333	10,933	82	3,63
28	20	15,276	10,693	70	3,32	14,941	10,459	70	3,48	14,539	10,177	70	3,71
28	22	16,281	9,443	58	3,40	15,946	9,249	58	3,59	15,544	9,016	58	3,83
30	16	13,266	13,266	100	3,16	12,864	12,864	100	3,34	12,462	12,462	100	3,54
30	18	14,204	12,784	90	3,22	13,802	12,422	90	3,40	13,333	12,000	90	3,63
30	20	15,276	11,915	78	3,32	14,941	11,654	78	3,48	14,539	11,340	78	3,71
30	22	16,281	10,745	66	3,40	15,946	10,524	66	3,59	15,544	10,259	66	3,83
32	16	13,266	13,266	100	3,16	12,864	12,864	100	3,34	12,462	12,462	100	3,54
32	18	14,204	13,920	98	3,22	13,802	13,526	98	3,40	13,333	13,066	98	3,63
32	20	15,276	13,137	86	3,32	14,941	12,849	86	3,48	14,539	12,504	86	3,71
32	22	16,281	12,048	74	3,40	15,946	11,800	74	3,59	15,544	11,503	74	3,83
34	16	13,266	13,266	100	3,16	12,864	12,864	100	3,34	12,462	12,462	100	3,54
34	18	14,204	14,204	100	3,22	13,802	13,802	100	3,40	13,333	13,333	100	3,63
34	20	15,276	14,359	94	3,32	14,941	14,045	94	3,48	14,539	13,667	94	3,71
34	22	16,281	13,350	82	3,40	15,946	13,076	82	3,59	15,544	12,746	82	3,83

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Kühlbetrieb

PCA-RP140KAQ/ PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2 (2/2)

[230 V]

Raumtem-peratur, tr. [°CTK]	Raumtem-peratur, f. [°CFK]	Außenlufttemperatur [°CTK]											
		35				40				45			
		Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]	Q_O [kW]	Q_{SENS} [kW]	Q_{SENS} [%]	$P_{EL,TOTAL}$ [kW]
20	16	11,926	7,394	62	3,79	11,390	7,062	62	4,07	10,854	6,729	62	4,40
20	18	12,864	6,432	50	3,89	12,462	6,231	50	4,19	11,658	5,829	50	4,50
20	20	13,936	5,296	38	3,99	13,400	5,092	38	4,27	12,596	4,786	38	4,58
22	16	11,926	8,348	70	3,79	11,390	7,973	70	4,07	10,854	7,598	70	4,40
22	18	12,864	7,461	58	3,89	12,462	7,228	58	4,19	11,658	6,762	58	4,50
22	20	13,936	6,411	46	3,99	13,400	6,164	46	4,27	12,596	5,794	46	4,58
24	16	11,926	9,302	78	3,79	11,390	8,884	78	4,07	10,854	8,466	78	4,40
24	18	12,864	8,490	66	3,89	12,462	8,225	66	4,19	11,658	7,694	66	4,50
24	20	13,936	7,525	54	3,99	13,400	7,236	54	4,27	12,596	6,802	54	4,58
24	22	15,008	6,303	42	4,07	14,472	6,078	42	4,38	13,668	5,741	42	4,66
26	16	11,926	10,256	86	3,79	11,390	9,795	86	4,07	10,854	9,334	86	4,40
26	18	12,864	9,519	74	3,89	12,462	9,222	74	4,19	11,658	8,627	74	4,50
26	20	13,936	8,640	62	3,99	13,400	8,308	62	4,27	12,596	7,810	62	4,58
26	22	15,008	7,504	50	4,07	14,472	7,236	50	4,38	13,668	6,834	50	4,66
27	16	11,926	10,733	90	3,79	11,390	10,251	90	4,07	10,854	9,769	90	4,40
27	18	12,864	10,034	78	3,89	12,462	9,720	78	4,19	11,658	9,093	78	4,50
27	20	13,936	9,198	66	3,99	13,400	8,844	66	4,27	12,596	8,313	66	4,58
27	22	15,008	8,104	54	4,07	14,472	7,815	54	4,38	13,668	7,381	54	4,66
28	16	11,926	11,210	94	3,79	11,390	10,707	94	4,07	10,854	10,203	94	4,40
28	18	12,864	10,548	82	3,89	12,462	10,219	82	4,19	11,658	9,560	82	4,50
28	20	13,936	9,755	70	3,99	13,400	9,380	70	4,27	12,596	8,817	70	4,58
28	22	15,008	8,705	58	4,07	14,472	8,394	58	4,38	13,668	7,927	58	4,66
30	16	11,926	11,926	100	3,79	11,390	11,390	100	4,07	10,854	10,854	100	4,40
30	18	12,864	11,578	90	3,89	12,462	11,216	90	4,19	11,658	10,492	90	4,50
30	20	13,936	10,870	78	3,99	13,400	10,452	78	4,27	12,596	9,825	78	4,58
30	22	15,008	9,905	66	4,07	14,472	9,552	66	4,38	13,668	9,021	66	4,66
32	16	11,926	11,926	100	3,79	11,390	11,390	100	4,07	10,854	10,854	100	4,40
32	18	12,864	12,607	98	3,89	12,462	12,213	98	4,19	11,658	11,425	98	4,50
32	20	13,936	11,985	86	3,99	13,400	11,524	86	4,27	12,596	10,833	86	4,58
32	22	15,008	11,106	74	4,07	14,472	10,709	74	4,38	13,668	10,114	74	4,66
34	16	11,926	11,926	100	3,79	11,390	11,390	100	4,07	10,854	10,854	100	4,40
34	18	12,864	12,864	100	3,89	12,462	12,462	100	4,19	11,658	11,658	100	4,50
34	20	13,936	13,100	94	3,99	13,400	12,596	94	4,27	12,596	11,840	94	4,58
34	22	15,008	12,307	82	4,07	14,472	11,867	82	4,38	13,668	11,208	82	4,66

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Heizbetrieb

[230 V]

Gerätekombination	Raum-temperatur [°CTK]	Außen											
		-10		-5		0		5		10		15	
		QH [kW]	PEL,TOTAL [kW]	QH [kW]	PEL,TOTAL [kW]	QH [kW]	PEL,TOTAL [kW]	QH [kW]	PEL,TOTAL [kW]	QH [kW]	PEL,TOTAL [kW]	QH [kW]	PEL,TOTAL [kW]
PCA-RP35KAQ + PUHZ-ZRP35VKA	15	2,604	0,60	2,829	0,66	3,157	0,77	4,141	0,92	4,674	1,02	5,207	1,10
	20	2,501	0,65	2,706	0,71	2,993	0,83	3,998	0,99	4,510	1,10	5,023	1,18
	25	2,419	0,69	2,624	0,78	2,870	0,90	3,772	1,05	4,346	1,18	4,838	1,27
PCA-RP50KAQ + PUHZ-ZRP50VKA	15	3,493	0,86	3,795	0,94	4,235	1,09	5,555	1,31	6,270	1,45	6,985	1,57
	20	3,355	0,93	3,630	1,02	4,015	1,17	5,363	1,41	6,050	1,57	6,738	1,68
	25	3,245	0,99	3,520	1,10	3,850	1,28	5,060	1,49	5,830	1,67	6,490	1,81
PCA-RP60KAQ + PUHZ-ZRP60VHA	15	4,445	1,14	4,830	1,25	5,390	1,45	7,070	1,74	7,980	1,93	8,890	2,08
	20	4,270	1,24	4,620	1,35	5,110	1,56	6,825	1,87	7,700	2,08	8,575	2,24
	25	4,130	1,31	4,480	1,47	4,900	1,70	6,440	1,99	7,420	2,23	8,260	2,40
PCA-RP71KAQ + PUHZ-ZRP71VHA	15	5,080	1,30	5,520	1,43	6,160	1,65	8,080	1,98	9,120	2,20	10,160	2,38
	20	4,880	1,41	5,280	1,54	5,840	1,78	7,800	2,13	8,800	2,38	9,800	2,55
	25	4,720	1,50	5,120	1,67	5,600	1,94	7,360	2,27	8,480	2,54	9,440	2,74
PCA-RP100KAQ + PUHZ-ZRP100VKA2/ PUHZ-ZRP100YKA2	15	7,112	1,79	7,728	1,98	8,624	2,28	11,312	2,74	12,768	3,04	14,224	3,28
	20	6,832	1,95	7,392	2,13	8,176	2,46	10,920	2,95	12,320	3,28	13,720	3,53
	25	6,608	2,07	7,168	2,31	7,840	2,68	10,304	3,13	11,872	3,51	13,216	3,78
PCA-RP125KAQ + PUHZ-ZRP125VKA2/ PUHZ-ZRP125YKA2	15	8,890	2,24	9,660	2,47	10,780	2,85	14,140	3,42	15,960	3,80	17,780	4,10
	20	8,540	2,43	9,240	2,66	10,220	3,08	13,650	3,69	15,400	4,10	17,150	4,41
	25	8,260	2,58	8,960	2,89	9,800	3,34	12,880	3,91	14,840	4,39	16,520	4,73
PCA-RP140KAQ + PUHZ-ZRP140VKA2/ PUHZ-ZRP140YKA2	15	10,160	2,70	11,040	2,97	12,320	3,43	16,160	4,11	18,240	4,57	20,320	4,94
	20	9,760	2,92	10,560	3,20	11,680	3,70	15,600	4,43	17,600	4,94	19,600	5,30
	25	9,440	3,11	10,240	3,47	11,200	4,02	14,720	4,71	16,960	5,28	18,880	5,69

Q_O = Kühlleistung
Q_H = Heizleistung
Q_{SENS} = Anteil sensibler Wärme
$P_{EL,TOTAL}$ = El. Gesamtleistungsaufnahme

Mitsubishi Electric Europe B.V.
Living Environment Systems
Mitsubishi-Electric-Platz 1
40882 Ratingen
Telefon: +49 21 02 / 486-0
Internet: www.mitsubishi-les.com

Technische Service-Hotline

+49 21 02 / 1244 975 (Klimageräte)
+49 21 02 / 1244 655 (Wärmepumpen)

Mo.–Do. 8.00–17.00 Uhr, Fr. 8.00–16.00 Uhr

Es gelten die üblichen Telefontarife im deutschen Festnetz, Auslands- und Mobiltarife können abweichen.

Ohne vorherige ausdrückliche schriftliche Genehmigung der Mitsubishi Electric Europe B.V. dürfen keine Auszüge dieses Handbuchs vervielfältigt, in einem Informationssystem gespeichert oder weiter übertragen werden. Die Mitsubishi Electric Europe B.V. behält sich vor, jederzeit technische Änderungen der beschriebenen Geräte ohne besondere Hinweise in dieses Handbuch aufzunehmen.

MITSUBISHI ELECTRIC
Changes for the Better

for a greener tomorrow

www.mitsubishi-les.com

Version 1/2017 (Stand: 5/2017)
© Mitsubishi Electric Europe B.V. – German Branch