

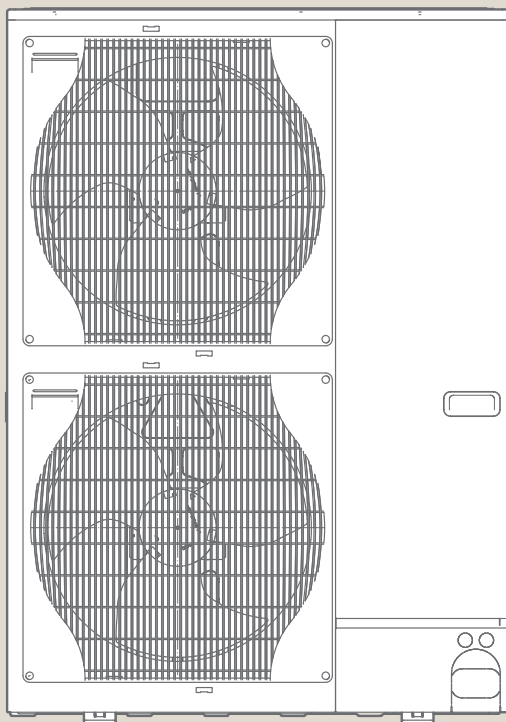
# Mr. Slim

Tabellen sensibler und latenter Wärmeleistungen

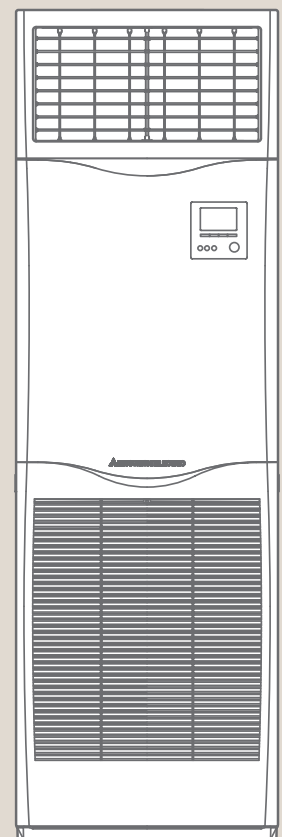
## Standgeräte in Kombination mit Power-Inverter-Außengeräten

PSA-RP71KA / PUHZ-ZRP71VKA  
PSA-RP100KA / PUHZ-ZRP100VKA2  
PSA-RP125KA / PUHZ-ZRP125VKA2  
PSA-RP140KA / PUHZ-ZRP140VKA2  
PSA-RP100KA / PUHZ-ZRP100YKA2  
PSA-RP125KA / PUHZ-ZRP125YKA2  
PSA-RP140KA / PUHZ-ZRP140YKA2

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



PSA-RP71KA  
PSA-RP100KA  
PSA-RP125KA  
PSA-RP140KA



## Kühlbetrieb

## PSA-RP71KA/ PUHZ-ZRP71VKA (1/2)

[230 V]

Raumtemperatur, tr. [°C <sub>trk</sub> ]	Raumtemperatur, f. [°C <sub>fK</sub> ]	Außenlufttemperatur [°C <sub>trk</sub> ]											
		20				25				30			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	7,029	4,569	65	1,51	6,816	4,430	65	1,60	6,603	4,292	65	1,69
20	18	7,526	3,989	53	1,54	7,313	3,876	53	1,63	7,065	3,744	53	1,74
20	20	8,094	3,319	41	1,59	7,917	3,246	41	1,66	7,704	3,158	41	1,78
22	16	7,029	5,131	73	1,51	6,816	4,976	73	1,60	6,603	4,820	73	1,69
22	18	7,526	4,591	61	1,54	7,313	4,461	61	1,63	7,065	4,309	61	1,74
22	20	8,094	3,966	49	1,59	7,917	3,879	49	1,66	7,704	3,775	49	1,78
24	16	7,029	5,693	81	1,51	6,816	5,521	81	1,60	6,603	5,348	81	1,69
24	18	7,526	5,193	69	1,54	7,313	5,046	69	1,63	7,065	4,875	69	1,74
24	20	8,094	4,614	57	1,59	7,917	4,512	57	1,66	7,704	4,391	57	1,78
24	22	8,627	3,882	45	1,63	8,449	3,802	45	1,72	8,236	3,706	45	1,83
26	16	7,029	6,256	89	1,51	6,816	6,066	89	1,60	6,603	5,877	89	1,69
26	18	7,526	5,795	77	1,54	7,313	5,631	77	1,63	7,065	5,440	77	1,74
26	20	8,094	5,261	65	1,59	7,917	5,146	65	1,66	7,704	5,007	65	1,78
26	22	8,627	4,572	53	1,63	8,449	4,478	53	1,72	8,236	4,365	53	1,83
27	16	7,029	6,537	93	1,51	6,816	6,339	93	1,60	6,603	6,141	93	1,69
27	18	7,526	6,096	81	1,54	7,313	5,924	81	1,63	7,065	5,722	81	1,74
27	20	8,094	5,585	69	1,59	7,917	5,462	69	1,66	7,704	5,315	69	1,78
27	22	8,627	4,917	57	1,63	8,449	4,816	57	1,72	8,236	4,695	57	1,83
28	16	7,029	6,818	97	1,51	6,816	6,612	97	1,60	6,603	6,405	97	1,69
28	18	7,526	6,397	85	1,54	7,313	6,216	85	1,63	7,065	6,005	85	1,74
28	20	8,094	5,909	73	1,59	7,917	5,779	73	1,66	7,704	5,624	73	1,78
28	22	8,627	5,262	61	1,63	8,449	5,154	61	1,72	8,236	5,024	61	1,83
30	16	7,029	7,029	100	1,51	6,816	6,816	100	1,60	6,603	6,603	100	1,69
30	18	7,526	6,999	93	1,54	7,313	6,801	93	1,63	7,065	6,570	93	1,74
30	20	8,094	6,556	81	1,59	7,917	6,412	81	1,66	7,704	6,240	81	1,78
30	22	8,627	5,952	69	1,63	8,449	5,830	69	1,72	8,236	5,683	69	1,83
32	16	7,029	7,029	100	1,51	6,816	6,816	100	1,60	6,603	6,603	100	1,69
32	18	7,526	7,526	100	1,54	7,313	7,313	100	1,63	7,065	7,065	100	1,74
32	20	8,094	7,204	89	1,59	7,917	7,046	89	1,66	7,704	6,856	89	1,78
32	22	8,627	6,642	77	1,63	8,449	6,506	77	1,72	8,236	6,342	77	1,83
34	16	7,029	7,029	100	1,51	6,816	6,816	100	1,60	6,603	6,603	100	1,69
34	18	7,526	7,526	100	1,54	7,313	7,313	100	1,63	7,065	7,065	100	1,74
34	20	8,094	7,851	97	1,59	7,917	7,679	97	1,66	7,704	7,472	97	1,78
34	22	8,627	7,333	85	1,63	8,449	7,182	85	1,72	8,236	7,001	85	1,83

Q<sub>0</sub> = KühlleistungQ<sub>H</sub> = HeizleistungQ<sub>SENS</sub> = Anteil sensibler WärmePEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme

## Kühlbetrieb

## PSA-RP71KA/ PUIZ-ZRP71VKA (2/2)

[230 V]

Raumtemperatur, tr. [°C <sub>Tr</sub> ]	Raumtemperatur, f. [°C <sub>Fk</sub> ]	Außenlufttemperatur [°C <sub>Tr</sub> ]											
		35				40				45			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	6,319	4,107	65	1,81	6,035	3,923	65	1,95	5,751	3,738	65	2,11
20	18	6,816	3,612	53	1,86	6,603	3,500	53	2,00	6,177	3,274	53	2,15
20	20	7,384	3,027	41	1,91	7,100	2,911	41	2,04	6,674	2,736	41	2,19
22	16	6,319	4,613	73	1,81	6,035	4,406	73	1,95	5,751	4,198	73	2,11
22	18	6,816	4,158	61	1,86	6,603	4,028	61	2,00	6,177	3,768	61	2,15
22	20	7,384	3,618	49	1,91	7,100	3,479	49	2,04	6,674	3,270	49	2,19
24	16	6,319	5,118	81	1,81	6,035	4,888	81	1,95	5,751	4,658	81	2,11
24	18	6,816	4,703	69	1,86	6,603	4,556	69	2,00	6,177	4,262	69	2,15
24	20	7,384	4,209	57	1,91	7,100	4,047	57	2,04	6,674	3,804	57	2,19
24	22	7,952	3,578	45	1,95	7,668	3,451	45	2,10	7,242	3,259	45	2,23
26	16	6,319	5,624	89	1,81	6,035	5,371	89	1,95	5,751	5,118	89	2,11
26	18	6,816	5,248	77	1,86	6,603	5,084	77	2,00	6,177	4,756	77	2,15
26	20	7,384	4,800	65	1,91	7,100	4,615	65	2,04	6,674	4,338	65	2,19
26	22	7,952	4,215	53	1,95	7,668	4,064	53	2,10	7,242	3,838	53	2,23
27	16	6,319	5,877	93	1,81	6,035	5,613	93	1,95	5,751	5,348	93	2,11
27	18	6,816	5,521	81	1,86	6,603	5,348	81	2,00	6,177	5,003	81	2,15
27	20	7,384	5,095	69	1,91	7,100	4,899	69	2,04	6,674	4,605	69	2,19
27	22	7,952	4,533	57	1,95	7,668	4,371	57	2,10	7,242	4,128	57	2,23
28	16	6,319	6,129	97	1,81	6,035	5,854	97	1,95	5,751	5,578	97	2,11
28	18	6,816	5,794	85	1,86	6,603	5,613	85	2,00	6,177	5,250	85	2,15
28	20	7,384	5,390	73	1,91	7,100	5,183	73	2,04	6,674	4,872	73	2,19
28	22	7,952	4,851	61	1,95	7,668	4,677	61	2,10	7,242	4,418	61	2,23
30	16	6,319	6,319	100	1,81	6,035	6,035	100	1,95	5,751	5,751	100	2,11
30	18	6,816	6,339	93	1,86	6,603	6,141	93	2,00	6,177	5,745	93	2,15
30	20	7,384	5,981	81	1,91	7,100	5,751	81	2,04	6,674	5,406	81	2,19
30	22	7,952	5,487	69	1,95	7,668	5,291	69	2,10	7,242	4,997	69	2,23
32	16	6,319	6,319	100	1,81	6,035	6,035	100	1,95	5,751	5,751	100	2,11
32	18	6,816	6,816	100	1,86	6,603	6,603	100	2,00	6,177	6,177	100	2,15
32	20	7,384	6,572	89	1,91	7,100	6,319	89	2,04	6,674	5,940	89	2,19
32	22	7,952	6,123	77	1,95	7,668	5,904	77	2,10	7,242	5,576	77	2,23
34	16	6,319	6,319	100	1,81	6,035	6,035	100	1,95	5,751	5,751	100	2,11
34	18	6,816	6,816	100	1,86	6,603	6,603	100	2,00	6,177	6,177	100	2,15
34	20	7,384	7,162	97	1,91	7,100	6,887	97	2,04	6,674	6,474	97	2,19
34	22	7,952	6,759	85	1,95	7,668	6,518	85	2,10	7,242	6,156	85	2,23

Q<sub>0</sub> = Kühlleistung  
 Q<sub>H</sub> = Heizleistung  
 Q<sub>SENS</sub> = Anteil sensibler Wärme  
 PEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme

## Kühlbetrieb

## PSA-RP100KA/ PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2 (1/2)

[230 V]

Raumtemperatur, tr. [°C <sub>Trk</sub> ]	Raumtemperatur, f. [°C <sub>Fk</sub> ]	Außenlufttemperatur [°C <sub>Trk</sub> ]											
		20				25				30			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	9,405	5,925	63	2,00	9,120	5,746	63	2,11	8,835	5,566	63	2,24
20	18	10,070	5,136	51	2,04	9,785	4,990	51	2,15	9,453	4,821	51	2,30
20	20	10,830	4,224	39	2,10	10,593	4,131	39	2,20	10,308	4,020	39	2,35
22	16	9,405	6,678	71	2,00	9,120	6,475	71	2,11	8,835	6,273	71	2,24
22	18	10,070	5,941	59	2,04	9,785	5,773	59	2,15	9,453	5,577	59	2,30
22	20	10,830	5,090	47	2,10	10,593	4,978	47	2,20	10,308	4,845	47	2,35
24	16	9,405	7,430	79	2,00	9,120	7,205	79	2,11	8,835	6,980	79	2,24
24	18	10,070	6,747	67	2,04	9,785	6,556	67	2,15	9,453	6,333	67	2,30
24	20	10,830	5,957	55	2,10	10,593	5,826	55	2,20	10,308	5,669	55	2,35
24	22	11,543	4,963	43	2,15	11,305	4,861	43	2,28	11,020	4,739	43	2,43
26	16	9,405	8,182	87	2,00	9,120	7,934	87	2,11	8,835	7,686	87	2,24
26	18	10,070	7,553	75	2,04	9,785	7,339	75	2,15	9,453	7,089	75	2,30
26	20	10,830	6,823	63	2,10	10,593	6,673	63	2,20	10,308	6,494	63	2,35
26	22	11,543	5,887	51	2,15	11,305	5,766	51	2,28	11,020	5,620	51	2,43
27	16	9,405	8,559	91	2,00	9,120	8,299	91	2,11	8,835	8,040	91	2,24
27	18	10,070	7,955	79	2,04	9,785	7,730	79	2,15	9,453	7,467	79	2,30
27	20	10,830	7,256	67	2,10	10,593	7,097	67	2,20	10,308	6,906	67	2,35
27	22	11,543	6,348	55	2,15	11,305	6,218	55	2,28	11,020	6,061	55	2,43
28	16	9,405	8,935	95	2,00	9,120	8,664	95	2,11	8,835	8,393	95	2,24
28	18	10,070	8,358	83	2,04	9,785	8,122	83	2,15	9,453	7,846	83	2,30
28	20	10,830	7,689	71	2,10	10,593	7,521	71	2,20	10,308	7,318	71	2,35
28	22	11,543	6,810	59	2,15	11,305	6,670	59	2,28	11,020	6,502	59	2,43
30	16	9,405	9,405	100	2,00	9,120	9,120	100	2,11	8,835	8,835	100	2,24
30	18	10,070	9,164	91	2,04	9,785	8,904	91	2,15	9,453	8,602	91	2,30
30	20	10,830	8,556	79	2,10	10,593	8,368	79	2,20	10,308	8,143	79	2,35
30	22	11,543	7,733	67	2,15	11,305	7,574	67	2,28	11,020	7,383	67	2,43
32	16	9,405	9,405	100	2,00	9,120	9,120	100	2,11	8,835	8,835	100	2,24
32	18	10,070	9,969	99	2,04	9,785	9,687	99	2,15	9,453	9,358	99	2,30
32	20	10,830	9,422	87	2,10	10,593	9,215	87	2,20	10,308	8,968	87	2,35
32	22	11,543	8,657	75	2,15	11,305	8,479	75	2,28	11,020	8,265	75	2,43
34	16	9,405	9,405	100	2,00	9,120	9,120	100	2,11	8,835	8,835	100	2,24
34	18	10,070	10,070	100	2,04	9,785	9,785	100	2,15	9,453	9,453	100	2,30
34	20	10,830	10,289	95	2,10	10,593	10,063	95	2,20	10,308	9,792	95	2,35
34	22	11,543	9,580	83	2,15	11,305	9,383	83	2,28	11,020	9,147	83	2,43

Q<sub>0</sub> = KühlleistungQ<sub>H</sub> = HeizleistungQ<sub>SENS</sub> = Anteil sensibler WärmePEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme

## Kühlbetrieb

## PSA-RP100KA/ PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2 (2/2)

[230 V]

Raumtemperatur, tr. [°C <sub>Trk</sub> ]	Raumtemperatur, f. [°C <sub>Fk</sub> ]	Außenlufttemperatur [°C <sub>Trk</sub> ]											
		35				40				45			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	8,455	5,327	63	2,40	8,075	5,087	63	2,58	7,695	4,848	63	2,79
20	18	9,120	4,651	51	2,46	8,835	4,506	51	2,65	8,265	4,215	51	2,85
20	20	9,880	3,853	39	2,53	9,500	3,705	39	2,70	8,930	3,483	39	2,90
22	16	8,455	6,003	71	2,40	8,075	5,733	71	2,58	7,695	5,463	71	2,79
22	18	9,120	5,381	59	2,46	8,835	5,213	59	2,65	8,265	4,876	59	2,85
22	20	9,880	4,644	47	2,53	9,500	4,465	47	2,70	8,930	4,197	47	2,90
24	16	8,455	6,679	79	2,40	8,075	6,379	79	2,58	7,695	6,079	79	2,79
24	18	9,120	6,110	67	2,46	8,835	5,919	67	2,65	8,265	5,538	67	2,85
24	20	9,880	5,434	55	2,53	9,500	5,225	55	2,70	8,930	4,912	55	2,90
24	22	10,640	4,575	43	2,58	10,260	4,412	43	2,78	9,690	4,167	43	2,95
26	16	8,455	7,356	87	2,40	8,075	7,025	87	2,58	7,695	6,695	87	2,79
26	18	9,120	6,840	75	2,46	8,835	6,626	75	2,65	8,265	6,199	75	2,85
26	20	9,880	6,224	63	2,53	9,500	5,985	63	2,70	8,930	5,626	63	2,90
26	22	10,640	5,426	51	2,58	10,260	5,233	51	2,78	9,690	4,942	51	2,95
27	16	8,455	7,694	91	2,40	8,075	7,348	91	2,58	7,695	7,002	91	2,79
27	18	9,120	7,205	79	2,46	8,835	6,980	79	2,65	8,265	6,529	79	2,85
27	20	9,880	6,620	67	2,53	9,500	6,365	67	2,70	8,930	5,983	67	2,90
27	22	10,640	5,852	55	2,58	10,260	5,643	55	2,78	9,690	5,330	55	2,95
28	16	8,455	8,032	95	2,40	8,075	7,671	95	2,58	7,695	7,310	95	2,79
28	18	9,120	7,570	83	2,46	8,835	7,333	83	2,65	8,265	6,860	83	2,85
28	20	9,880	7,015	71	2,53	9,500	6,745	71	2,70	8,930	6,340	71	2,90
28	22	10,640	6,278	59	2,58	10,260	6,053	59	2,78	9,690	5,717	59	2,95
30	16	8,455	8,455	100	2,40	8,075	8,075	100	2,58	7,695	7,695	100	2,79
30	18	9,120	8,299	91	2,46	8,835	8,040	91	2,65	8,265	7,521	91	2,85
30	20	9,880	7,805	79	2,53	9,500	7,505	79	2,70	8,930	7,055	79	2,90
30	22	10,640	7,129	67	2,58	10,260	6,874	67	2,78	9,690	6,492	67	2,95
32	16	8,455	8,455	100	2,40	8,075	8,075	100	2,58	7,695	7,695	100	2,79
32	18	9,120	9,029	99	2,46	8,835	8,747	99	2,65	8,265	8,182	99	2,85
32	20	9,880	8,596	87	2,53	9,500	8,265	87	2,70	8,930	7,769	87	2,90
32	22	10,640	7,980	75	2,58	10,260	7,695	75	2,78	9,690	7,268	75	2,95
34	16	8,455	8,455	100	2,40	8,075	8,075	100	2,58	7,695	7,695	100	2,79
34	18	9,120	9,120	100	2,46	8,835	8,835	100	2,65	8,265	8,265	100	2,85
34	20	9,880	9,386	95	2,53	9,500	9,025	95	2,70	8,930	8,484	95	2,90
34	22	10,640	8,831	83	2,58	10,260	8,516	83	2,78	9,690	8,043	83	2,95

Q<sub>0</sub> = Kühlleistung  
 Q<sub>H</sub> = Heizleistung  
 Q<sub>SENS</sub> = Anteil sensibler Wärme  
 PEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme

## Kühlbetrieb

## PSA-RP125KA/ PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2 (1/2)

[230 V]

Raumtemperatur, tr. [°C <sub>Trk</sub> ]	Raumtemperatur, f. [°C <sub>Fk</sub> ]	Außenlufttemperatur [°C <sub>Trk</sub> ]											
		20				25				30			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	12,375	7,673	62	3,27	12,000	7,440	62	3,46	11,625	7,208	62	3,66
20	18	13,250	6,625	50	3,33	12,875	6,438	50	3,52	12,438	6,219	50	3,76
20	20	14,250	5,415	38	3,44	13,938	5,296	38	3,60	13,563	5,154	38	3,84
22	16	12,375	8,663	70	3,27	12,000	8,400	70	3,46	11,625	8,138	70	3,66
22	18	13,250	7,685	58	3,33	12,875	7,468	58	3,52	12,438	7,214	58	3,76
22	20	14,250	6,555	46	3,44	13,938	6,411	46	3,60	13,563	6,239	46	3,84
24	16	12,375	9,653	78	3,27	12,000	9,360	78	3,46	11,625	9,068	78	3,66
24	18	13,250	8,745	66	3,33	12,875	8,498	66	3,52	12,438	8,209	66	3,76
24	20	14,250	7,695	54	3,44	13,938	7,526	54	3,60	13,563	7,324	54	3,84
24	22	15,188	6,379	42	3,52	14,875	6,248	42	3,72	14,500	6,090	42	3,97
26	16	12,375	10,643	86	3,27	12,000	10,320	86	3,46	11,625	9,998	86	3,66
26	18	13,250	9,805	74	3,33	12,875	9,528	74	3,52	12,438	9,204	74	3,76
26	20	14,250	8,835	62	3,44	13,938	8,641	62	3,60	13,563	8,409	62	3,84
26	22	15,188	7,594	50	3,52	14,875	7,438	50	3,72	14,500	7,250	50	3,97
27	16	12,375	11,138	90	3,27	12,000	10,800	90	3,46	11,625	10,463	90	3,66
27	18	13,250	10,335	78	3,33	12,875	10,043	78	3,52	12,438	9,701	78	3,76
27	20	14,250	9,405	66	3,44	13,938	9,199	66	3,60	13,563	8,951	66	3,84
27	22	15,188	8,201	54	3,52	14,875	8,033	54	3,72	14,500	7,830	54	3,97
28	16	12,375	11,633	94	3,27	12,000	11,280	94	3,46	11,625	10,928	94	3,66
28	18	13,250	10,865	82	3,33	12,875	10,558	82	3,52	12,438	10,199	82	3,76
28	20	14,250	9,975	70	3,44	13,938	9,756	70	3,60	13,563	9,494	70	3,84
28	22	15,188	8,809	58	3,52	14,875	8,628	58	3,72	14,500	8,410	58	3,97
30	16	12,375	12,375	100	3,27	12,000	12,000	100	3,46	11,625	11,625	100	3,66
30	18	13,250	11,925	90	3,33	12,875	11,588	90	3,52	12,438	11,194	90	3,76
30	20	14,250	11,115	78	3,44	13,938	10,871	78	3,60	13,563	10,579	78	3,84
30	22	15,188	10,024	66	3,52	14,875	9,818	66	3,72	14,500	9,570	66	3,97
32	16	12,375	12,375	100	3,27	12,000	12,000	100	3,46	11,625	11,625	100	3,66
32	18	13,250	12,985	98	3,33	12,875	12,618	98	3,52	12,438	12,189	98	3,76
32	20	14,250	12,255	86	3,44	13,938	11,986	86	3,60	13,563	11,664	86	3,84
32	22	15,188	11,239	74	3,52	14,875	11,008	74	3,72	14,500	10,730	74	3,97
34	16	12,375	12,375	100	3,27	12,000	12,000	100	3,46	11,625	11,625	100	3,66
34	18	13,250	13,250	100	3,33	12,875	12,875	100	3,52	12,438	12,438	100	3,76
34	20	14,250	13,395	94	3,44	13,938	13,101	94	3,60	13,563	12,749	94	3,84
34	22	15,188	12,454	82	3,52	14,875	12,198	82	3,72	14,500	11,890	82	3,97

Q<sub>0</sub> = KühlleistungQ<sub>H</sub> = HeizleistungQ<sub>SENS</sub> = Anteil sensibler WärmePEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme

## Kühlbetrieb

## PSA-RP125KA/ PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2 (2/2)

[230 V]

Raumtemperatur, tr. [°C <sub>TK</sub> ]	Raumtemperatur, f. [°C <sub>FK</sub> ]	Außenlufttemperatur [°C <sub>TK</sub> ]											
		35				40				45			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	11,125	6,898	62	3,93	10,625	6,588	62	4,21	10,125	6,278	62	4,56
20	18	12,000	6,000	50	4,03	11,625	5,813	50	4,34	10,875	5,438	50	4,66
20	20	13,000	4,940	38	4,13	12,500	4,750	38	4,42	11,750	4,465	38	4,74
22	16	11,125	7,788	70	3,93	10,625	7,438	70	4,21	10,125	7,088	70	4,56
22	18	12,000	6,960	58	4,03	11,625	6,743	58	4,34	10,875	6,308	58	4,66
22	20	13,000	5,980	46	4,13	12,500	5,750	46	4,42	11,750	5,405	46	4,74
24	16	11,125	8,678	78	3,93	10,625	8,288	78	4,21	10,125	7,898	78	4,56
24	18	12,000	7,920	66	4,03	11,625	7,673	66	4,34	10,875	7,178	66	4,66
24	20	13,000	7,020	54	4,13	12,500	6,750	54	4,42	11,750	6,345	54	4,74
24	22	14,000	5,880	42	4,21	13,500	5,670	42	4,54	12,750	5,355	42	4,83
26	16	11,125	9,568	86	3,93	10,625	9,138	86	4,21	10,125	8,708	86	4,56
26	18	12,000	8,880	74	4,03	11,625	8,603	74	4,34	10,875	8,048	74	4,66
26	20	13,000	8,060	62	4,13	12,500	7,750	62	4,42	11,750	7,285	62	4,74
26	22	14,000	7,000	50	4,21	13,500	6,750	50	4,54	12,750	6,375	50	4,83
27	16	11,125	10,013	90	3,93	10,625	9,563	90	4,21	10,125	9,113	90	4,56
27	18	12,000	9,360	78	4,03	11,625	9,068	78	4,34	10,875	8,483	78	4,66
27	20	13,000	8,580	66	4,13	12,500	8,250	66	4,42	11,750	7,755	66	4,74
27	22	14,000	7,560	54	4,21	13,500	7,290	54	4,54	12,750	6,885	54	4,83
28	16	11,125	10,458	94	3,93	10,625	9,988	94	4,21	10,125	9,518	94	4,56
28	18	12,000	9,840	82	4,03	11,625	9,533	82	4,34	10,875	8,918	82	4,66
28	20	13,000	9,100	70	4,13	12,500	8,750	70	4,42	11,750	8,225	70	4,74
28	22	14,000	8,120	58	4,21	13,500	7,830	58	4,54	12,750	7,395	58	4,83
30	16	11,125	11,125	100	3,93	10,625	10,625	100	4,21	10,125	10,125	100	4,56
30	18	12,000	10,800	90	4,03	11,625	10,463	90	4,34	10,875	9,788	90	4,66
30	20	13,000	10,140	78	4,13	12,500	9,750	78	4,42	11,750	9,165	78	4,74
30	22	14,000	9,240	66	4,21	13,500	8,910	66	4,54	12,750	8,415	66	4,83
32	16	11,125	11,125	100	3,93	10,625	10,625	100	4,21	10,125	10,125	100	4,56
32	18	12,000	11,760	98	4,03	11,625	11,393	98	4,34	10,875	10,658	98	4,66
32	20	13,000	11,180	86	4,13	12,500	10,750	86	4,42	11,750	10,105	86	4,74
32	22	14,000	10,360	74	4,21	13,500	9,990	74	4,54	12,750	9,435	74	4,83
34	16	11,125	11,125	100	3,93	10,625	10,625	100	4,21	10,125	10,125	100	4,56
34	18	12,000	12,000	100	4,03	11,625	11,625	100	4,34	10,875	10,875	100	4,66
34	20	13,000	12,220	94	4,13	12,500	11,750	94	4,42	11,750	11,045	94	4,74
34	22	14,000	11,480	82	4,21	13,500	11,070	82	4,54	12,750	10,455	82	4,83

Q<sub>0</sub> = Kühlleistung  
 Q<sub>H</sub> = Heizleistung  
 Q<sub>SENS</sub> = Anteil sensibler Wärme  
 PEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme

## Kühlbetrieb

## PSA-RP140KA/ PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2 (1/2)

[230 V]

Raumtemperatur, tr. [°C <sub>TK</sub> ]	Raumtemperatur, f. [°C <sub>FK</sub> ]	Außenlufttemperatur [°C <sub>TK</sub> ]											
		20				25				30			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	13,266	8,092	61	3,25	12,864	7,847	61	3,43	12,462	7,602	61	3,63
20	18	14,204	6,960	49	3,31	13,802	6,763	49	3,49	13,333	6,533	49	3,74
20	20	15,276	5,652	37	3,41	14,941	5,528	37	3,57	14,539	5,379	37	3,82
22	16	13,266	9,154	69	3,25	12,864	8,876	69	3,43	12,462	8,599	69	3,63
22	18	14,204	8,096	57	3,31	13,802	7,867	57	3,49	13,333	7,600	57	3,74
22	20	15,276	6,874	45	3,41	14,941	6,723	45	3,57	14,539	6,543	45	3,82
24	16	13,266	10,215	77	3,25	12,864	9,905	77	3,43	12,462	9,596	77	3,63
24	18	14,204	9,233	65	3,31	13,802	8,971	65	3,49	13,333	8,666	65	3,74
24	20	15,276	8,096	53	3,41	14,941	7,919	53	3,57	14,539	7,706	53	3,82
24	22	16,281	6,675	41	3,49	15,946	6,538	41	3,69	15,544	6,373	41	3,94
26	16	13,266	11,276	85	3,25	12,864	10,934	85	3,43	12,462	10,593	85	3,63
26	18	14,204	10,369	73	3,31	13,802	10,075	73	3,49	13,333	9,733	73	3,74
26	20	15,276	9,318	61	3,41	14,941	9,114	61	3,57	14,539	8,869	61	3,82
26	22	16,281	7,978	49	3,49	15,946	7,814	49	3,69	15,544	7,617	49	3,94
27	16	13,266	11,807	89	3,25	12,864	11,449	89	3,43	12,462	11,091	89	3,63
27	18	14,204	10,937	77	3,31	13,802	10,628	77	3,49	13,333	10,266	77	3,74
27	20	15,276	9,929	65	3,41	14,941	9,712	65	3,57	14,539	9,450	65	3,82
27	22	16,281	8,629	53	3,49	15,946	8,451	53	3,69	15,544	8,238	53	3,94
28	16	13,266	12,337	93	3,25	12,864	11,964	93	3,43	12,462	11,590	93	3,63
28	18	14,204	11,505	81	3,31	13,802	11,180	81	3,49	13,333	10,800	81	3,74
28	20	15,276	10,540	69	3,41	14,941	10,309	69	3,57	14,539	10,032	69	3,82
28	22	16,281	9,280	57	3,49	15,946	9,089	57	3,69	15,544	8,860	57	3,94
30	16	13,266	13,266	100	3,25	12,864	12,864	100	3,43	12,462	12,462	100	3,63
30	18	14,204	12,642	89	3,31	13,802	12,284	89	3,49	13,333	11,866	89	3,74
30	20	15,276	11,763	77	3,41	14,941	11,505	77	3,57	14,539	11,195	77	3,82
30	22	16,281	10,583	65	3,49	15,946	10,365	65	3,69	15,544	10,104	65	3,94
32	16	13,266	13,266	100	3,25	12,864	12,864	100	3,43	12,462	12,462	100	3,63
32	18	14,204	13,778	97	3,31	13,802	13,388	97	3,49	13,333	12,933	97	3,74
32	20	15,276	12,985	85	3,41	14,941	12,700	85	3,57	14,539	12,358	85	3,82
32	22	16,281	11,885	73	3,49	15,946	11,641	73	3,69	15,544	11,347	73	3,94
34	16	13,266	13,266	100	3,25	12,864	12,864	100	3,43	12,462	12,462	100	3,63
34	18	14,204	14,204	100	3,31	13,802	13,802	100	3,49	13,333	13,333	100	3,74
34	20	15,276	14,207	93	3,41	14,941	13,895	93	3,57	14,539	13,521	93	3,82
34	22	16,281	13,188	81	3,49	15,946	12,916	81	3,69	15,544	12,591	81	3,94

Q<sub>0</sub> = KühlleistungQ<sub>H</sub> = HeizleistungQ<sub>SENS</sub> = Anteil sensibler WärmePEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme



## Kühlbetrieb

## PSA-RP140KA/ PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2 (2/2)

[230 V]

Raumtemperatur, tr. [°C <sub>Trk</sub> ]	Raumtemperatur, f. [°C <sub>Fk</sub> ]	Außenlufttemperatur [°C <sub>Trk</sub> ]											
		35				40				45			
		Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]	Q <sub>0</sub> [kW]	Q <sub>SENS</sub> [kW]	Q <sub>SENS</sub> [%]	PEL <sub>TOTAL</sub> [kW]
20	16	11,926	7,275	61	3,90	11,390	6,948	61	4,18	10,854	6,621	61	4,53
20	18	12,864	6,303	49	4,00	12,462	6,106	49	4,30	11,658	5,712	49	4,63
20	20	13,936	5,156	37	4,10	13,400	4,958	37	4,38	12,596	4,661	37	4,71
22	16	11,926	8,229	69	3,90	11,390	7,859	69	4,18	10,854	7,489	69	4,53
22	18	12,864	7,332	57	4,00	12,462	7,103	57	4,30	11,658	6,645	57	4,63
22	20	13,936	6,271	45	4,10	13,400	6,030	45	4,38	12,596	5,668	45	4,71
24	16	11,926	9,183	77	3,90	11,390	8,770	77	4,18	10,854	8,358	77	4,53
24	18	12,864	8,362	65	4,00	12,462	8,100	65	4,30	11,658	7,578	65	4,63
24	20	13,936	7,386	53	4,10	13,400	7,102	53	4,38	12,596	6,676	53	4,71
24	22	15,008	6,153	41	4,18	14,472	5,934	41	4,51	13,668	5,604	41	4,79
26	16	11,926	10,137	85	3,90	11,390	9,682	85	4,18	10,854	9,226	85	4,53
26	18	12,864	9,391	73	4,00	12,462	9,097	73	4,30	11,658	8,510	73	4,63
26	20	13,936	8,501	61	4,10	13,400	8,174	61	4,38	12,596	7,684	61	4,71
26	22	15,008	7,354	49	4,18	14,472	7,091	49	4,51	13,668	6,697	49	4,79
27	16	11,926	10,614	89	3,90	11,390	10,137	89	4,18	10,854	9,660	89	4,53
27	18	12,864	9,905	77	4,00	12,462	9,596	77	4,30	11,658	8,977	77	4,63
27	20	13,936	9,058	65	4,10	13,400	8,710	65	4,38	12,596	8,187	65	4,71
27	22	15,008	7,954	53	4,18	14,472	7,670	53	4,51	13,668	7,244	53	4,79
28	16	11,926	11,091	93	3,90	11,390	10,593	93	4,18	10,854	10,094	93	4,53
28	18	12,864	10,420	81	4,00	12,462	10,094	81	4,30	11,658	9,443	81	4,63
28	20	13,936	9,616	69	4,10	13,400	9,246	69	4,38	12,596	8,691	69	4,71
28	22	15,008	8,555	57	4,18	14,472	8,249	57	4,51	13,668	7,791	57	4,79
30	16	11,926	11,926	100	3,90	11,390	11,390	100	4,18	10,854	10,854	100	4,53
30	18	12,864	11,449	89	4,00	12,462	11,091	89	4,30	11,658	10,376	89	4,63
30	20	13,936	10,731	77	4,10	13,400	10,318	77	4,38	12,596	9,699	77	4,71
30	22	15,008	9,755	65	4,18	14,472	9,407	65	4,51	13,668	8,884	65	4,79
32	16	11,926	11,926	100	3,90	11,390	11,390	100	4,18	10,854	10,854	100	4,53
32	18	12,864	12,478	97	4,00	12,462	12,088	97	4,30	11,658	11,308	97	4,63
32	20	13,936	11,846	85	4,10	13,400	11,390	85	4,38	12,596	10,707	85	4,71
32	22	15,008	10,956	73	4,18	14,472	10,565	73	4,51	13,668	9,978	73	4,79
34	16	11,926	11,926	100	3,90	11,390	11,390	100	4,18	10,854	10,854	100	4,53
34	18	12,864	12,864	100	4,00	12,462	12,462	100	4,30	11,658	11,658	100	4,63
34	20	13,936	12,960	93	4,10	13,400	12,462	93	4,38	12,596	11,714	93	4,71
34	22	15,008	12,156	81	4,18	14,472	11,722	81	4,51	13,668	11,071	81	4,79

Q<sub>0</sub> = Kühlleistung  
 Q<sub>H</sub> = Heizleistung  
 Q<sub>SENS</sub> = Anteil sensibler Wärme  
 PEL<sub>TOTAL</sub> = El. Gesamtleistungsaufnahme

## Heizbetrieb

[230 V]

Gerätekombination	Raum- temperatur [°C <sub>TK</sub> ]	Außen											
		-10		-5		0		5		10		15	
		Q <sub>H</sub> [kW]	P <sub>EL,TOTAL</sub> [kW]	Q <sub>H</sub> [kW]	P <sub>EL,TOTAL</sub> [kW]	Q <sub>H</sub> [kW]	P <sub>EL,TOTAL</sub> [kW]	Q <sub>H</sub> [kW]	P <sub>EL,TOTAL</sub> [kW]	Q <sub>H</sub> [kW]	P <sub>EL,TOTAL</sub> [kW]	Q <sub>H</sub> [kW]	P <sub>EL,TOTAL</sub> [kW]
PSA-RP71KA + PUHZ-ZRP71VHA	15	4,826	1,30	5,244	1,44	5,852	1,66	7,676	1,99	8,664	2,21	9,652	2,39
	20	4,636	1,41	5,016	1,55	5,548	1,79	7,410	2,14	8,360	2,39	9,310	2,56
	25	4,484	1,50	4,864	1,68	5,320	1,94	6,992	2,28	8,056	2,55	8,968	2,75
PSA-RP100KA + PUHZ-ZRP100VKA2/ PUHZ-ZRP100YKA2	15	7,112	1,82	7,728	2,00	8,624	2,31	11,312	2,77	12,768	3,08	14,224	3,33
	20	6,832	1,97	7,392	2,16	8,176	2,49	10,920	2,99	12,320	3,33	13,720	3,57
	25	6,608	2,09	7,168	2,34	7,840	2,71	10,304	3,17	11,872	3,56	13,216	3,83
PSA-RP125KA + PUHZ-ZRP125VKA2/ PUHZ-ZRP125YKA2	15	8,890	2,50	9,660	2,76	10,780	3,18	14,140	3,82	15,960	4,24	17,780	4,58
	20	8,540	2,71	9,240	2,97	10,220	3,43	13,650	4,11	15,400	4,58	17,150	4,92
	25	8,260	2,88	8,960	3,22	9,800	3,73	12,880	4,37	14,840	4,90	16,520	5,28
PSA-RP140KA + PUHZ-ZRP140VKA2/ PUHZ-ZRP140YKA2	15	10,160	2,83	11,040	3,11	12,320	3,59	16,160	4,31	18,240	4,79	20,320	5,17
	20	9,760	3,07	10,560	3,35	11,680	3,88	15,600	4,65	17,600	5,17	19,600	5,56
	25	9,440	3,26	10,240	3,64	11,200	4,22	14,720	4,93	16,960	5,53	18,880	5,96

Q<sub>0</sub> = KühlleistungQ<sub>H</sub> = HeizleistungQ<sub>SENS</sub> = Anteil sensibler WärmeP<sub>EL,TOTAL</sub> = El. Gesamtleistungsaufnahme

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$Q_0$  = Kühlleistung  
 $Q_H$  = Heizleistung  
 $Q_{\text{SENS}}$  = Anteil sensibler Wärme  
 $P_{\text{EL,TOTAL}}$  = El. Gesamtleistungsaufnahme

