

Panasonic NZ25YKE Etherea Inverter+ - R32		Enkeltfaser		
		2,50 kW	3,50 kW	5,00 kW
Maximum capacity	kW	6,50kW	7,40kW	8,30kW
Reference		CS-NZ25YKE + CU-NZ25YKE	CS-NZ35YKE + CU-NZ35YKE	CS-NZ50YKE + CU-NZ50YKE
Heating capacity (Nominal)	kW	3,40	4,00	5,80
Heating capacity (Min)	kW	0,85	0,85	0,98
Heating capacity (Max)	kW	6,50	7,40	8,30
COP (1)	W/W	5,00	4,65	4,26
Heating capacity at -7°C (2)	kW	4,05	4,63	5,22
COP at -7°C (1)	W/W	2,79	2,50	2,55
Heating capacity at -15°C (2)	kW	3,45	4,23	4,92
COP at -15°C (1)	W/W	2,50	2,42	2,52
Heating capacity at -20°C (2)	kW	2,85	3,63	4,17
COP at -20°C (1)	W/W	2,24	2,21	2,29
Heating capacity at -25°C (2)	kW	2,25	3,03	3,72
COP at -25°C (1)	W/W	1,91	2,13	2,16
SCOP (3)		5,00 A++	5,00 A++	4,80 A++
Pdesign at -10°C	kW	2,80	3,60	4,40
Input power heating (Nominal)	kW	0,68	0,86	1,36
Input power heating (Min)	kW	0,17	0,17	0,22
Input power heating (Max)	kW	1,78	2,35	2,48
Annual energy consumption heating (4)	kWh/a	784	1,008	1,283
Cooling capacity (Nominal)	kW	2,50	3,50	5,00
Cooling capacity (Min)	kW	0,85	0,85	0,98
Cooling capacity (Max)	kW	3,00	4,00	6,10
SEER (3)		8,00 A++	8,00 A++	8,00 A++
Pdesign (cooling)	kW	2,50	3,50	5,00
Input power cooling (Nominal)	kW	0,50	0,85	1,30
Input power cooling (Min)	kW	0,17	0,17	0,25
Input power cooling (Max)	kW	0,69	1,10	1,91
Annual energy consumption cooling (4)	kWh/a	109	153	219
Indoor unit		CS-NZ25YKE	CS-NZ35YKE	CS-NZ50YKE
Indoor power source	V	230	230	230
Indoor air flow (Heat)	m³/min	13,9	15,0	19,2
Indoor air flow (Cool)	m³/min	11,9	13,0	17,5
Moisture removal volume	L/h	1,5	2,0	2,8
Indoor sound pressure (Heat -Hi) (5)	dB(A)	42	44	44
Indoor sound pressure (Heat -Lo) (5)	dB(A)	27	30	37
Indoor sound pressure (Heat -Q-Lo) (5)	dB(A)	19	19	30
Indoor sound pressure (Cool -Hi) (5)	dB(A)	39	42	44
Indoor sound pressure (Cool -Lo) (5)	dB(A)	25	28	37
Indoor sound pressure (Cool -Q-Lo) (5)	dB(A)	21	21	30
Indoor dimension (Height)	mm	295	295	295
Indoor dimension (Width)	mm	870	870	1,040
Indoor dimension (Depth)	mm	229	229	244
Indoor net weight	kg	10	10	12
nanoe X Generator		Mark 2	Mark 2	Mark 2
Outdoor unit		CU-NZ25YKE	CU-NZ35YKE	CU-NZ50YKE
Outdoor air flow (Heat)	m³/min	32,7	34,4	38,6
Outdoor air flow (Cool)	m³/min	32,7	34,4	39,8
Outdoor sound pressure (Heat -Hi) (5)	dB(A)	48	50	50
Outdoor sound pressure (Heat -Lo) (5)	dB(A)	45	47	47
Outdoor sound pressure (Cool -Hi) (5)	dB(A)	46	48	48
Outdoor sound pressure (Cool -Lo) (5)	dB(A)	43	45	45
Outdoor dimension (Height) (6)	mm	622	622	701
Outdoor dimension (Width) (6)	mm	824	824	875
Outdoor dimension (Depth) (6)	mm	299	299	320
Outdoor net weight	kg	34	34	42
Pipe diameter (Liquid)	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Pipe diameter (Gas)	Inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)
Pipe length range	m	3 ~ 20	3 ~ 20	3 ~ 20
Elevation difference (in/out) (7)	m	10	10	15
Pipe length for additional gas	m	7,5	7,5	7,5
Additional gas amount	g/m	10	10	15
Refrigerant (R32) / CO2 Eq.	kg / T	0,82 / 0,5535	0,82 / 0,5535	1,13 / 0,7627
Operating range (Heat - Min)	°C	-25	-25	-25
Operating range (Heat - Max)	°C	+24	+24	+24
Operating range (Cool - Min)	°C	-15	-15	-15
Operating range (Cool - Max)	°C	+43	+43	+43

1) COP calculation is based in accordance to EN14511.

2) Capacity of the heat pump is tested with powerful mode with deice mode included.

3) Energy Label Scale from A+++ to D.

4) The annual energy consumption is calculated in accordance to EU/626/2011.

5) The sound pressure of the indoor unit shows the value measured of a position of 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JISC9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed.

6) Add 70mm for piping port.