

AIR SOURCE HEAT PUMP (DC INVERT & FIXED SPEED)



Model		CNLZ8D/ A-3	CNLZ16D/ A-3	CNLZ18D/ A-3	CNLZ8D/ ABp-4	CNLZ14D/ ABp-4	CNLZ16D/ ABp-4	
Rated heating 1	Rated heating capacity (A7W45)	W	9200	16500	17500	8500	14500	16000
	Rated heating power	W	2738	4583	5072	2568	4203	4638
	COP	W/W	3.36	3.60	3.45	3.31	3.45	3.45
Rated heating 2	Heating capacity (A7W35)	W	9500	16800	18000	8500	14000	16000
	Rated heating power	W	2317	3862	4186	2019	3218	3765
	COP	W/W	4.10	4.35	4.30	4.21	4.35	4.25
Rated heating 3	Heating capacity (A7W9~55)	W	7000	13000	14500	7000	13000	14500
	COP	W	3.65	3.65	3.65	3.65	3.65	3.65
	Water production	L/h	131	243	271	131	243	271
Nominal heating	Nominal heating capacity (A-12W41)	W	5900	10000	11000	5500	10300	11500
	Nominal heating power	W	2511	3984	4564	2381	4274	4894
	COP	W/W	2.35	2.51	2.41	2.31	2.41	2.35
Rated cooling	Rated cooling capacity (A35W7)	W	6600	11500	12000	6000	11500	12600
	Cooling power	W	2435	4259	4286	2308	4259	4828
	EER	W/W	2.71	2.70	2.80	2.60	2.70	2.61
IPLV(H)		W/W	2.80	2.81	2.81	2.81	2.85	2.85
IPLV(C)		W/W	3.15	3.15	3.30	3.70	3.75	3.75
Maximum input power		W	3.4+3.0	6.4+3.0	6.6+3.0	3.4+3.0	6.4+3.0	6.6+3.0
Maximum input current		A	15+13.6	29+13.6	30+13.6	15+13.6	29+13.6	30+13.6
Current specification			220V~50Hz	220V~50Hz	220V~50Hz	220V~50Hz	220V~50Hz	220V~50Hz
Inlet and outlet pipe size			DN32	DN32	DN32	DN32	DN32	DN32
The refrigerant		Model	R410A	R410A	R410A	R410A	R410A	R410A
		Charge volume (kg)	2.00	4.20	4.10	1.55	2.85	2.85
Outdoor unit size		Length (mm)	910	938	938	967	938	938
		Width (mm)	340	392	392	433	392	392
		Height (mm)	940	1369	1369	807	1369	1369
Outdoor unit net weight		Kg	85	133	135	74	125	127
Outdoor unit noise		dB(A)	60	61	61	58	59	59
Water module net weight			IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Type of anti-shock protection			I type	I type	I type	I type	I type	I type
Unit function			Heating, cooling, and making hot water					

Description:

Rated heating 1 test conditions:DB/WB 7/6 °C, outlet water temperature 45 °C;
 Rated heating 2 test conditions: DB/WB 7/6 °C, outlet water temperature 35 °C;
 Rated heating 3 test conditions: DB/WB 7/6 °C, initial water temperature 9 °C, maximum outlet temperature 55 °C;
 Nominal heating test conditions:DB/WB -12/-14 °C, outlet water temperature 41 °C;
 Rated cooling test conditions:DB/WB 35/24 °C, outlet water temperature 7 °C;
 Applicable standards: GB/T 25127.1-2010, GB/T 18430.2-2016, GB/T 29541-2013;
 If the specification changes due to product improvement, it is subject to the parameters in the nameplate.

HOT AIR CONSOLE



Product model	Unit model	KERP-Vd30NFW/NY-E1	KERP-Vd40NFW/NY-E1
	Indoor unit model	KERP-Vd30NF/NY-E1	KERP-Vd40NF/NY-E1
	Outdoor unit model	KERP-Vd30W/N1	KERP-Vd40W/N1
Rated voltage / frequency		220V~50Hz	220V~50Hz
Heating capacity (W)	Heating capacity (-12°C)	3000	4000
	High temperature heating capacity (7 °C)	3000 (400~6700)	4000 (400~7500)
	Low temperature heating capacity (-20 °C)	3000	4000
Cooling capacity (W)	Rated cooling capacity (35 °C)	2800 (400~3900)	3200 (400~4900)
	Rated heating (-12 °C)	2.30	2.30
COP(W)	High temperature heating (7 °C)	3.75	3.75
	Low temperature heating (-20 °C)	2.02	2.02
	HSPF(Wh/Wh)	3.25	3.30
EER(W/W)	Rated cooling (35 °C)	3.40	3.50
	Air volume (m³/h)	630	650
Air volume / static pressure	Static pressure(Pa)	0	0
	Rated current (A)	High temperature heating (7 °C)	3.6
Rated heating (-12 °C)		5.8	7.7
Low temperature heating (-20 °C)		6.5	8.6
Power consumption (W)	Rated heating (-12 °C)	1302	1740
	High temperature heating (7 °C)	800(90~2500)	1065(90~2650)
	Low temperature heating (-20 °C)	1485	1980
	Rated heating (35 °C)	870	1250
Maximum current / power	Maximum current (A)	10.5	12.1
	Maximum power (W)	2250	2650
Refrigerant	Type of anti-shock protection	I	I
	kind	R410A	R410A
	Injection volume	1.20	1.45
Noise (dB(A))	Indoor unit	42/38/35/30/26	42/38/35/31/27
	Outdoor unit	52	52
Net weight (KG)	Indoor unit	16	16
	Outdoor unit	42	45
Unit size L*W*H (mm)	Indoor unit	700X600X215	700X600X215
	Outdoor unit	780X305X600	780X305X600
Connecting pipe specifications (mm)	Liquid tube	6	6
	Air tube	9.52	9.52
	Connection method	Horn mouth connection	Horn mouth connection
Unit function	Heating, cooling		

Description:

Applicable standards: GB/T 7725.2004, Q/TS-001-2018;
 If the specification changes due to product improvement, the nameplate parameters shall prevail.