



## WALL MOUNTED ETHEREA NE DELUXE // INVERTER+ // WHITE

**ETHEREA, A NEW CONCEPT IN HEATPUMPS: AIR PURIFYING SYSTEM, STYLISH DESIGN AND HIGH EFFICIENCY EVEN AT -20°C**

Cool and stylish, the distinctive, beautifully rounded form is designed to complement today's modern interiors.

Etherea has an advanced air purifying system with the new Patrol Sensor to detect and eliminate contaminants.

Etherea also have the summer house system, which keeps the summer house, the garage or the basement at +8°C/+10°C to prevent freezing.

Furthermore, Etherea is more efficient than ever with 64% less consumption for the non-inverter model. More efficiency for bigger savings!



FORNE9

\* For further details, please contact your dealer.

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Max capacity (heat pump mode)			5.4 kW	6.6 kW
<b>Indoor</b>			CS-NE9LKE	CS-NE12LKE
<b>Outdoor</b>			CU-NE9LKE	CU-NE12LKE
Heating capacity	Nominal (Min - Max)	kW	3.40 (0.60-5.40)	4.00 (0.60-6.60)
COP <sup>1)</sup>	Nominal (Min - Max)	Energy Saving Classification	4.66 (5.22-3.97) <b>A</b>	4.17(5.22-3.57) <b>A</b>
Power input Heating	Nominal (Min - Max)	kW	0.730 (0.115-1.36)	0.960 (0.115-1.85)
Cooling capacity	Nominal (Min - Max)	kW	2.50 (0.60-3.00)	3.50 (0.60-4.00)
EER <sup>1)</sup>	Nominal (Min - Max)	Energy Saving Classification	4.63 (5.00-4.03) <b>A</b>	3.85 (5.00-3.42) <b>A</b>
Power input Cooling	Nominal (Min - Max)	kW	0.540 (0.120-0.745)	0.910 (0.120-1.170)
Annual Energy Consumption <sup>2)</sup>		kWh	270	455
<b>Indoor unit</b>				
Power source		V	230	230
Connection		mm <sup>2</sup>	4 x 1.5	4 x 1.5
Current Cooling	Nominal	A	2.6	4.3
Current Heating	Nominal	A	3.5	4.5
Air Volume	Cooling	m <sup>3</sup> /h	678	750
	Heating	m <sup>3</sup> /h	714	768
Moisture removal volume		l/h	1.5	2.0
Sound pressure Level <sup>3)</sup>	Cooling (Hi / Lo / S-Lo)	dB(A)	39 / 26 / 23	42 / 29 / 26
	Heating (Hi / Lo / S-Lo)	dB(A)	40 / 27 / 24	42 / 33 / 30
Sound power Level	Cooling (Hi)	dB	55	58
	Heating (Hi)	dB	56	58
Dimensions	H x W x D	mm	290 x 870 x 204	290 x 870 x 204
Net weight		Kg	9	9
Dust filter			Yes	Yes
Air purifier filter			Patrol sensor. E-ion +	Patrol sensor. E-ion +
<b>Outdoor unit</b>				
Air Volume	Cooling / Heating	m <sup>3</sup> /h	1,788 / 1,764	1,860 / 1,812
Sound pressure Level <sup>3)</sup>	Cooling (Hi)	dB(A)	46	48
	Heating (Hi)	dB(A)	47	50
Sound power Level	Cooling (Hi)	dB	61	63
	Heating (Hi)	dB	62	65
Dimensions <sup>4)</sup>	H x W x D	mm	540 x 780 x 289	540 x 780 x 289
Net weight		Kg	35	35
Piping connections	Liquid pipe	inch (mm)	1/4" (6.35)	1/4" (6.35)
	Gas pipe	inch (mm)	3/8" (9.52)	3/8" (9.52)
Elevation difference (in/out) <sup>5)</sup>	Max	m	5	5
Piping length	Min / Max	m	3-15	3-15
Piping length without refrigerant increase	Max	m	7.5	7.5
Additional gas		g/m	20	20
Operating range	Cooling Min / Max	°C	-15 / +43	-15 / +43
	Heating Min / Max	°C	-20 / +24	-20 / +24

GLOBAL REMARKS	Rating conditions	Heating	Cooling
	Inside air temperature	20°C DB	27°C DB / 19°C WB
	Outside air temperature	7°C DB / 6°C WB	35°C DB / 24°C WB

DB: Dry Bulb; WB: Wet Bulb

The average heating capacity goes down once the de-icing cycle starts at -10°C

1) EER and COP classification is at 230V in accordance with EU directive 2002/31/EC.

2) The annual consumption is calculated by multiplying the input power at 230V by an average of 500 hours per year in cooling mode.

3) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 0,8 meters below the unit.

The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification.

4) Add 70mm for piping port.

5) When installing the outdoor unit at a higher position than the indoor unit.



~~ETHEREA~~  
designed to care for you  
designed to care for you



## TECHNICAL FOCUS

- VERY EXCLUSIVE WHITE DESIGN
- HEATING UP TO AN OUTSIDE TEMPERATURE OF -20°C
- SUPER QUIET INDOOR UNITS
- NEW GENERATION OF E-ION AIR PURIFYING SYSTEM WITH 24-HR PATROL SENSOR
- SCROLL COMPRESSOR FOR MAXIMUM RELIABILITY



eco  
ideas

## CS-NE9-LKE // CS-NE12-LKE

### HEALTHY AIR

- Patrol sensor to detect and eliminate contaminants
- E-ion plus air purifying system
- Heat pump and purifier with simultaneous or independent operation
- Anti-mould filter with one-touch air filter for easy cleaning
- Odour-removing function
- Removable and washable panel

### ENERGY EFFICIENCY AND ECOLOGY

- R410A refrigerant gas
- Inverter control

### COMFORT

- Quiet mode
- Powerful mode
- Summer house system, to keep the house at +8/+10°C to prevent freezing
- Soft dry operation mode
- Airflow direction control (up and down) with the remote control
- Auto changeover
- Hot start control
- Base pan with heater cable
- Annual cooling

### EASE OF USE

- 24-hour on/off real setting timer
- LCD wireless remote controller
- Random auto restart when power failure

### EASY INSTALLATION AND MAINTENANCE

- 15m long piping
- Top-panel maintenance access
- Self-diagnosis function



CU-NE9LKE  
CU-NE12LKE