

NDA[®] NANO

ENERGY from the air



Product details:

- Air/water heat pump for use in new build and modernisation projects
- Highly efficient compact appliance for outdoor installation (no plant room required)
- Functions: central heating, domestic hot water heating and optional cooling
- 'Silent mode' for barely audible operation
- Remote monitoring with WEBDIALOG[®] (web-enabled control) for a NEURA PREMIUM guarantee of up to 10 years
- On-site consumption of own PV power can be optimised
- Flow temperatures up to 62 °C
- Operative range down to -20 °C



Specification

Air/water heat pumps NDA® NANO								
Models	L06EuC-n		L08EuC-n		L10EuC-n		L14EuC-n	
	400 V	230 V	400 V	230 V	400 V	230 V	400 V	230 V
	1040 x 1560 x 560							
	200		210		215		230	
	R410A							
	58		58		64		67	
	36		36		42		45	
	3 x C16	1 x C25	3 x C16	1 x C25	3 x C16	1 x C32	3 x C16	1 x C32
	1 x C13							
	5/4 union nut							
	up to 62							
	25							

Performance data to EN 14825

Climate: warmer	SCOP _{35°C}	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	η _{s35°C} [%]	173.1	173.0	173.7	173.6	174.3	171.9	174.2	174.4
	SCOP _{55°C}	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.6
	η _{s55°C} [%]	140.2	140.2	140.7	140.2	140.8	135.6	139.1	139.3
Climate: average	SCOP _{35°C}	3.9	3.9	3.9	3.9	3.9	3.6	3.8	3.8
	η _{s35°C} [%]	152.9	151.8	152.0	150.8	151.1	142.4	148.5	148.4
	SCOP _{55°C}	3.1	3.1	3.1	3.1	3.1	2.9	3.0	3.0
	η _{s55°C} [%]	120.5	120.0	120.2	119.2	119.4	114.6	117.2	116.9
Climate: colder	SCOP _{35°C}	3.6	3.6	3.6	3.6	3.6	3.3	3.5	3.5
	η _{s35°C} [%]	139.9	139.0	140.2	139.3	139.5	127.4	137.0	137.0
	SCOP _{55°C}	2.9	2.8	2.9	2.8	2.9	2.7	2.8	2.8
	η _{s55°C} [%]	111.2	110.7	111.3	110.6	110.9	104.8	108.5	108.4

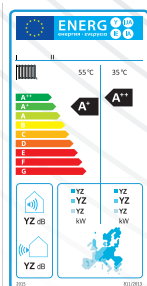
Performance data to EN 14511

A7/W35	Heating output [kW]	6.0	6.0	7.1	7.1	9.4	9.5	11.8	12.0
	Power consumption [kW]	1.34	1.34	1.61	1.61	2.18	2.32	2.77	2.82
	Coefficient of performance – COP	4.5	4.5	4.4	4.4	4.3	4.1	4.3	4.3
A7/W55	Heating output [kW]	5.7	5.7	7.2	7.2	9.6	8.7	10.9	11.3
	Power consumption [kW]	1.95	1.95	2.50	2.50	3.40	3.62	4.05	4.19
	Coefficient of performance – COP	2.9	2.9	2.9	2.9	2.8	2.4	2.7	2.7
A2/W35	Heating output [kW]	5.2	5.2	6.3	6.3	8.0	8.5	10.4	10.7
	Power consumption [kW]	1.33	1.36	1.65	1.72	2.16	2.43	2.90	2.99
	Coefficient of performance – COP	3.9	3.8	3.8	3.7	3.7	3.5	3.6	3.6
A2/W55	Heating output [kW]	5.1	5.0	6.3	6.2	8.1	8.2	9.7	10.2
	Power consumption [kW]	2.11	2.05	2.64	2.65	3.43	3.49	4.22	4.47
	Coefficient of performance – COP	2.4	2.4	2.4	2.3	2.4	2.4	2.3	2.3

* at 5 m distance in free field

** Activation of silent mode leads to further reduction in sound emissions down to 6 dB(A)

ENERGY CLASSES



Sample illustration

Models	L06EuC-n		L08EuC-n		L10EuC-n		L14EuC-n	
	400 V	230 V	400 V	230 V	400 V	230 V	400 V	230 V
Flow 35 °C	A ⁺⁺	A ⁺⁺	A ⁺⁺	A ⁺⁺	A ⁺⁺	A ⁺	A ⁺	A ⁺
Flow 55 °C	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺