HEAT PUMP
NEOHEAT EKO

NEOHEAT EKO HEAT PUMP

EKO
NEOHEAT 9 E | NEOHEAT 11 E
NEOHEAT 13 E |
HEAT PUMP WITH HEATING DHW UP TO 55°C

HEAT PUMPS IDEAL AS THE MAIN HEATING SOURCE FOR SINGLE-FAMILY HOUSES

USER-FRIENDLY CONTROL PANEL

- Touch screen
- Remote control via server, so you can check the operating history and change the heat pump settings
- Heating curve function: adjusts outlet water temperature based on ambient temperature
- Indoor temperature monitoring
- Automatically switch into heating or cooling mode
- Vacation Mode
- Displayed unit operation condition

BASIC EQUIPMENT

- Built-in circulating pump
- Built-in three-way valve for the distribution of DHW and CH
- Control of two heat circuits – e.g. underfloor heating and traditional radiators
- Touch control panel in Polish
- Vacation Mode option
- Wi-Fi control (optional)

NAME OF THE SERIES			NEOHEAT EKO		
Type			Neoheat 9 E	Neoheat 11 E	Neoheat 13 E
+7°C / +35°C (EN 14511)	Efficiency*	kW	10.10	11.5	12.6
	COP		4.05	3.82	3.89
+2°C / +35°C (EN 14511)	Efficiency*	kW	8	10	10.6
	COP		3.86	3.90	3.70
Seasonal energy efficiency (Eu 811, 813/2013)	Indirect temp.	%	156.6	153.9	152.9
	Class		A++	A++	A++
SCOP			3.99	3.93	3.90
Efficiency	Indirect temp.	kW	6	8.3	9.6
Bivalent point	Indirect temp.	°C	-7	-6	-6
Annual energy consumption	Indirect temp.	kWh	3318	4354	5066
INDOOR UNIT					neoheat
Efficiency of electric heaters	Capacity	kW	6.0 (3 x 2 kW)		
Sound power level		dB(A)	43	45	46
Dimensions	H x W x L	mm	790 x 288 x 505		
Weight	net	kg	45		
Condensation exchanger			stainless steel tank		
Max. lifting height of the pump		m	7.5		
Overpressure relief		MPa	0.25		
Heat circuit connection			G1, "female thread		
Nominal pump capacity	indoor unit	W	60		
Nominal flow of heated water		l/h	948	1,360	2,400
Circulation pump			Low-energy, according to the ERP Directive		
Counter-current protection		A	16		
DHW tank		l	-		
OUTDOOR UNIT					neoheat
Power supply	Ph/V/Hz			1/220-240/50	
Fan motor			DC - variable speed		
Sound power level		dB(A)	62	65	65
Net dimensions	H x W x L	cm	59 × 97 × 35	76.3 × 104.4 × 41.4	119.5 × 112.3 × 40
Weight	net	kg	50	65	113
Refrigerant			R410A		
Amount of refrigerant in the device		kg	2.45	1.9	3
Cooling lines – Diameter	Liquid		3/8	3/8	3/8
	Gas	mm	1/2	1/2	5/8
Cooling lines – Length	Min. / Max.	m	3/10	3/12	3/12
Cooling lines – Length (not recharged)	Max.	m	5	5	12
Cooling lines – Max. level difference	Max.	m	5	5	5
Working temperature range		°C	-25 ~ 46		
Max. water heating temperature		°C	55		
Min. water heating temperature		°C			
Compressor			DC - inverter (variable speed)		
Cooling circuit adjustment			electronic expansion valve		
Evaporator			Al-Cu vertical		
Airflow		m^3/h	3,000	3,100	4,200
Thawing			With hot gas through a non-return valve		

* 100% compressor operation.