NWW

GEOTHERMAL HEAT PUMP
MULTIFUNCTION WITH INTEGRATED HYDRONIC MODULE

eneren
your future-proof choice

		NWW006	NWW009	NWW012	NWW017
COOLING B30/W7					
Cooling capacity	kW	5.90	9.20	11.70	16.30
Total power input	kW	1.50	2.40	3.20	4.00
EER	-	3.95	3.85	3.65	4.09
COOLING B30/W18					
Cooling capacity	kW	8.70	13.20	16.90	23.60
Total power input	kW	1.40	2.30	3.30	4.20
EER	-	6.05	5.67	5.17	5.65
HEATING B10/W35					
Heating capacity	kW	8.10	12.40	16.00	22.10
Total power input	kW	1.40	2.30	3.10	3.90
COP	-	5.98	5.47	5.14	5.73
HEATING B0/W35 25% glycol					
Heating capacity	kW	6.10	9.30	12.10	16.60
Total power input	kW	1.40	2.20	3.00	3.70
COP	-	4.45	4.20	4.06	4.52
HEATING B10/W45					
Heating capacity	kW	7.80	12.00	15.50	21.00
Total power input	kW	1.70	2.80	3.60	4.60
COP	-	4.61	4.35	4.29	4.54
DHW B10/W55					
DHW heating capacity	kW	7.60	11.70	15.00	19.90
Total power input	kW	2.10	3.30	4.20	5.60
COP	-	3.60	3.51	3.61	3.58
SEASONAL EFFICIENCY					
ESEER / SCOP High Temperature	-	4.68 / 4.38	4.79 / 4.56	4.66 / 4.52	4.71 / 4.62
ERP Efficiency class	-	A++	A++	A++	A++
DHW ERP Efficiency class/ Declared profile	-	A++ / M	A++ / M	A+ / L	A+ / L
Sound power level Lw	dBA	59	64	67	67
Sound pressure level Lp@10 m EN3744	dBA	27	32	35	35
COMPRESSOR					
Compressor type		Scroll BLDC Inverter			
Power supply		230/1/50	230/1/50	230/1/50	400/3/50
DIMENSIONS					
Dimension (L x D x H)	mm	900x740x1875h			

Data calculated ref. EN 14511 and
EN 14825 for seasonal efficiencies

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R-410A — REFR. FLUID

R-454B — OZONE FRIENDLY

6 - 17 kW

GEOTHERMAL | HEATING | COOLING | HOT WATER

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Geothermal **multifunction** heat pump for heating, cooling and domestic hot water production. Internal monoblock unit with **multifunctional integrated hydronic module** in the top side and **refrigerant circuit extractable module** in the lower side to simplify the maintenance operation.

The hydronic module includes a **200lt domestic hot water tank**, **25lt/min on-demand DHW production** kit and all the accessories to complete the hydraulic system: **expantion vessels, filters, shut-off and safety valves.**
To complete the accessories list, a **back-up electrical heater** and a coil for the **solar thermal integration** can be installed in the tank.
The heat pump includes variable speed electronic pumps user, domestic hot water and dissipation side.

NWW is a **smart grid ready** heat pump that has the possibility to dialogue with all photovoltaic systems.
Through the **My Economy System** device it is able to self-consume surplus electric energy that would have been transferred to the grid, thus generating the heat and cool demanded by the system through self-consumption.

● SUPERVISION WITH ENERWEB APP

Enerweb is the original web responsive system designed for supervision and remote control of Eneren products to deliver access to the entire cooling system, HVAC and thermoregulation of the building.

- ● **INVERTER BLDC** COMPRESSOR AND HIGH EFFICIENCY ELECTRONIC PUMPS
- ● **A2L READY** FOR THE NEXT GENERATION OF LOW GWP REFRIGERANTS
- ● SMART GRID WITH **PHOTOVOLTAIC AUTO CONSUMPTION** FUNCTION
- ● **200LT DOMESTIC HOT WATER TANK**
- ● **EXPANSION VESSELS**
- ● **FILTERS** AND **SAFETY VALVES**
- ● **25 LT/MIN** ON-DEMAND DHW PRODUCTION
- ● **COIL** FOR **SOLAR THERMAL INTEGRATION**
- ● **EXTREMELY LOW NOISE** WITH **HI-BOX®** TO REDUCE THE COMPRESSOR NOISE EMISSION

›› Multifunction unit available with 3-way valve version
›› BLDC Inverter Scroll compressor
›› High efficiency electronic pumps class A
›› Electronic expansion valve
›› High efficiency AISI 316 stainless steel brazed plate heat exchangers
›› R410A or R454B refrigerant
›› Compact ed easy to install

SCROLL COMP. | BLDC FULL INVERTER | ELECTRONIC VALVE | LOW NOISE