

## GEOTHERMAL HEAT PUMP MULTIFUNCTION WITH INTEGRATED HYDRONIC MODULE

		NWW006	NWW009	NWW012	NWW017
<b>COOLING B30/W7</b>					
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
<b>COOLING B30/W18</b>					
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
<b>HEATING B10/W35</b>					
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
<b>HEATING B0/W35 25% glycol</b>					
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
<b>HEATING B10/W45</b>					
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
<b>DHW B10/W55</b>					
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
<b>SEASONAL EFFICIENCY</b>					
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
<b>COMPRESSOR</b>					
Compressor type		Scroll BLDC Inverter			
Power supply		230/1/50	230/1/50	230/1/50	400/3/50
<b>DIMENSIONS</b>					
Dimension (L x D x H)	mm	900x740x1875h			

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

## GEOTHERMAL HEAT PUMP MULTIFUNCTION WITH INTEGRATED HYDRONIC MODULE

# NWW



**INVERTER**



6 - 17 kW



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# NWW

## GEOTHERMAL HEAT PUMP MULTIFUNCTION WITH INTEGRATED HYDRONIC MODULE

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: **expansion 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 and easy to install

