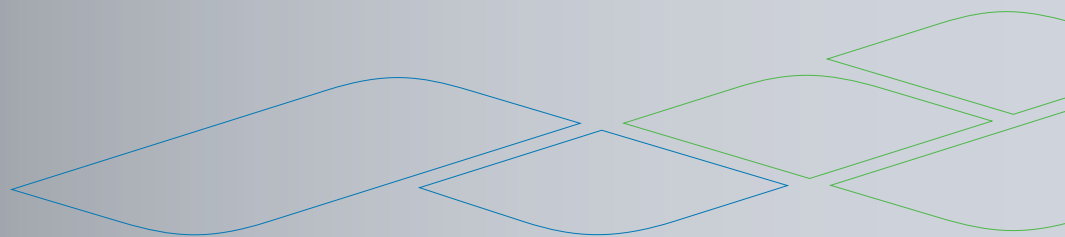




NDW<sup>®</sup> -  
GROUNDWATER  
AS A HEAT SOURCE



## NDW® - GROUNDWATER AS A HEAT SOURCE

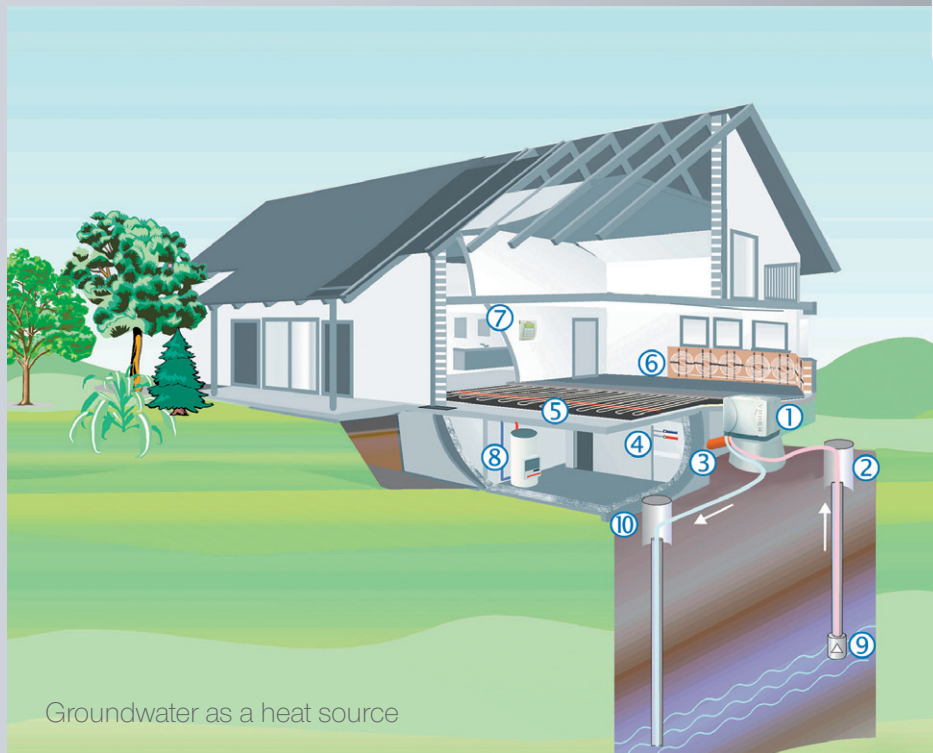
If groundwater is available with suitable depth and temperature (+8°C to +12°C), then a particularly suitable heat source with a high energy value is available. A groundwater heat pump is also well suited to small plots due to the small space requirements for the well drilling.

The supply pump feeds the NEURA groundwater heat pump where the free energy from nature is converted into high value heat energy. For 1kW heating power the heat pump requires approx. 180 to 220 litres of water per hour. Free renewable energy is extracted from the groundwater and used to bring the heating to a higher temperature via the heat pump. The cooled groundwater is then fed into the return well.



### HIGHLIGHTS

- Highest efficiency
- Plug & Heat - Ready to use, factory-tested deliveries
- Cooling possible
- Internal or external installation can be selected - no plant room required
- 10 year premium warranty
- WEB DIALOG®-capable



1 Geothermal heat pump

2 Extraction well

3 Domestic supply line

4 Heating circuit distributor

5 Under floor heating

6 Wall heating

7 Thermostatic controller

8 Hot water heat pump

9 Submersible pump

10 Return well

### TECHNICAL DATA

Heat pump type		W6 EuC	W8 EuC	W10 EuC	W14 EuC	W18 EuC	W20 EuC
W10/ W35*)	Heating output [kW]	7,72	11,54	13,47	19,62	22,95	26,32
	Power number [COP]	5,50	5,80	5,80	5,80	5,90	5,80
W10/W55*)	Heating output [kW]	6,82	10,11	11,75	17,25	20,29	23,31
	Power number [COP]	3,20	3,10	3,30	3,30	3,40	3,40

\*) ENVIRONMENTAL STANDARD EN 14511

S6 EuC - S14 EuC (possible for 400 V and 230 V) • S18 EuC (400 V and 230 V [to max. 50°C]) • S20 EuC (400 V)