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### Technical Data

	Model				
	EHP 7 LW/M	EHP 9 LW/M	EHP 11 LW/M	EHP 14 LW**	EHP 17 LW**
Emitted/supplied output at 0/35°C* kW	7.3/1.6	9.1/2.0	10.7/2.2	14.4/3.1	16.7/3.7
Coefficient of performance (COP) at 0/35°C*	4.6	4.6	4.9	4.6	4.5
Emitted/supplied output at 0/50°C* kW	6.9/2.1	8.4/2.6	10.1/3	13.9/4.2	16.2/4.9
Coefficient of performance (COP) at 0/50°C*	3.3	3.2	3.4	3.3	3.3
Nominal heat carrier flow l/s	0.25	0.31	0.37	0.50	0.57
Nominal refrigerant flow l/s	0.38	0.46	0.57	0.78	0.90
Max. external pressure drop, heat carrier Pa	36	34	33	54	51
Max. external pressure drop, coolant kPa	45	44	80	74	71
Electrical supply	230V, single-phase	230V, single-phase	230V, single-phase	400V, N3 phase	400V, N3 phase
Additional electric heating, switchable kW	3.0, 6.0, 9.0	3.0, 6.0, 9.0	3.0, 6.0, 9.0	3.0, 6.0, 9.0	3.0, 6.0, 9.0
Fuse size. Dependent on electric heating.					
Immersion heater 3kW AT	16	16	16	20	20
Immersion heater 6kW AT	16	20	20	20	25
Immersion heater 9kW AT	20	25	25	25	32
Compressor	Scroll	Scroll	Scroll	Scroll	Scroll
Integrated heating/refrigerant pump	Yes	Yes	Yes	Yes	Yes
Highest outgoing heat carrier temperature °C	65	65	65	65	65
Refrigerant filling R407C kg	1.4	1.5	1.9	2.2	2.3
Coupling, heat carrier Cu	22	22	22	28	28
Coupling, coolant Cu	28	28	28	35	35
Dimensions LW/M model (WxDxH)mm	600x640x1770	600x640x1770	600x640x1770	-	-
Dimensions LW model (WxDxH)mm	-	-	-	600x640x1500	600x640x1500
Weight LW/M model kg	231	240	218	-	-
Weight LW model kg	-	-	-	190	195
Integral double-walled immersion heater	Stainless (LW/M-mod)	Stainless (LW/M-mod)	Stainless (LW/M-mod)	-	-
Immersion heater capacity litres	185	185	185	-	-
Controller	Rego 637	Rego 637	Rego 637	Rego 637	Rego 637

\* Power outputs at 0/35°C and 0/50°C are specified according to European standard EN255. Additional electric heating is not included.

\*\* Requires a 300L Bosch Combi Tank.

# Bosch Compress 3000 Ground Source Heat Pump

Harness nature's energy







# Bosch Compress 3000 **Ground Source Heat Pump**

Capture the goodness of nature. Bosch's range of highly efficient, eco friendly heat pumps provide comfortable heat while respecting the environment.



**Save money, and the environment.**  
For every single kilowatt of electricity used to power the ground source heat pumps, this system could generate up to 5 kilowatts in energy for your home.

What's more, it also helps conserve the earth's dwindling supplies of non-renewable fossil fuels – coal, gas and oil.

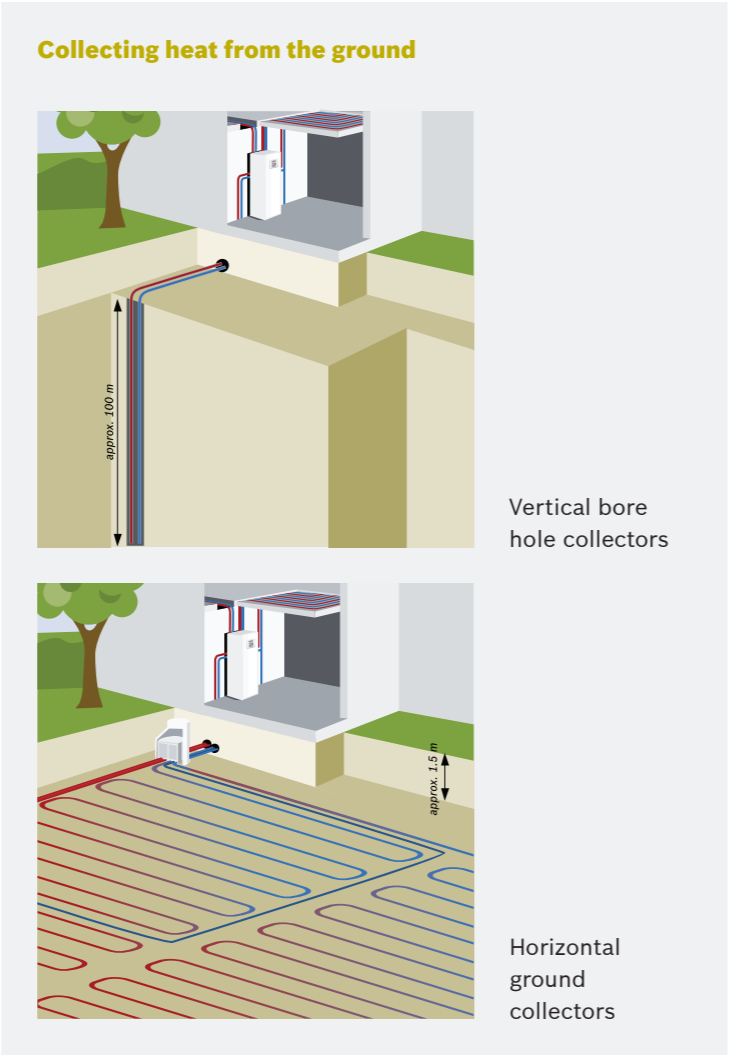
**Quality assured**  
Only the finest materials and components are used in the manufacture of all Bosch products. Combined with advanced technology and innovative design, this ensures that your Bosch ground source heat pump will provide many years trouble-free service and excellent long-term value for money.

For more than 100 years, the name Bosch has stood for first-class technology, exemplary innovative spirit, reliability and quality.

Our range of Bosch heat pumps offers made-to-measure solutions for every household's requirements.

**What is a ground source heat pump?**  
A ground source heat pump is an electrically powered system that taps the natural energy stored in the ground. The systems that Bosch supply utilise either geothermal probes or geothermal compact collectors to provide all the heating and hot water your home requires. The principle is simple, and the result is low-cost comfortable heating that uses sustainable energy and causes no direct emissions or other damage to the environment.

**New build or retrofit**  
The Bosch ground source heat pumps are suitable for both new and refurbished properties with required levels of insulation. The systems work better with the lower water temperatures required by underfloor, but they can also be used to heat appropriately sized radiators.



**Compress 3000 LWM**  
**The brine/water modular series (EHP LW/M)**  
The heat pumps from this modular series are complete modular units, ready for connection, with a maximum output of 7-11 kW, integrated hot water tank and electric auxiliary heater.



**Compress 3000LW**  
**The brine/water compact series (EHP LW) for connection to an external hot water tank**  
Heat pumps from our compact series are compact units designed for connection to an external hot water tank, and have a maximum output of 14-17 kW.

- Features & Benefits:**
- > High COPs\* and low power consumption thanks to new, powerful scroll compressor technology
  - > Increased efficiency through the weather compensation control
  - > Quiet operation as the compressor discs run without contact
  - > Integrated software for pool heating
  - > Simple, fast installation thanks to our complete system which has all system components already integrated.
- \*Coefficient of Performance (COP): the amount of energy the Bosch heat pump produces compared to the amount of electricity required

