

Warranty
5 years

GROUND SOURCE · INVERTER

Gapsal Zero OKS & Compact

Inverter ground source heat pumps for buildings up to 500 m². Zero OKS connects to an external hot water tank; Compact has an integrated 180 l stainless steel tank.

Built to last for decades, giving owners reliability and low running costs.



2–24 kW
Capacity, 5 models

5.23
SCOP 35 °C, average climate[1]

A+++
Energy class at 35 and 55 °C

[1] Zero OKS 6-24, EN 14825, Regulation (EU) 811/2013

Hot water
DHW valve built in

Cooling
Passive and active, optional

Remote control
From a computer or smartphone

Spot price tracking
Can be connected

Backup heater
Built in

Developed and made in Estonia
Built to last in Nordic conditions

Over 20 years of development and manufacturing
We know our products down to the last detail because we designed them ourselves.

5-year warranty
Peace of mind and long-term support

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Ground source heat pumps · R454C

Gapsal Zero Inverter

DEALER

Model		Zero OKS Inverter 2-8	Zero OKS Inverter 4-12	Zero OKS Inverter 6-24	Zero Compact Inverter 2-8	Zero Compact Inverter 4-12
GENERAL						
Capacity range	kW	2–8	4–12	6–24	2–8	4–12
Suitable heated area up to	m²	200	250	500	200	250
Integrated hot water tank	l	–			180	
Max flow temperature	°C	75				
Backup heater (electric)	kW	6				
Passive and active cooling		optional				
Cascade connection		–	–	possible	–	–
ENERGY EFFICIENCY[1]						
SCOP, average climate, 35 / 55 °C		5.15 / 3.99	5.19 / 4.02	5.23 / 4.04	5.15 / 3.99	5.19 / 4.02
SCOP, cold climate, 35 / 55 °C		4.96 / 4.13	4.98 / 4.15	5.00 / 4.17	4.96 / 4.13	4.98 / 4.15
Energy class, 35 / 55 °C		A+++ / A+++				
ELECTRICAL						
Power supply		3×400 V, 50 Hz				
Circuit breaker	A	3×16	3×20	3×25	3×16	3×20
Power input[2]	kW	0.4–2.1	0.5–3.1	1.0–5.7	0.4–2.1	0.5–3.1
Max power input[3]	kW	2.9	4.4	8.1	2.9	4.4
REFRIGERANT CIRCUIT						
Refrigerant		R454C (A2L), GWP 145.5				
Refrigerant charge	kg	1.2	1.6	1.95	1.2	1.6
CO_2 equivalent	t	0.175	0.233	0.284	0.175	0.233
Compressor		Scroll, inverter · POE oil				
Low / high pressure limit	MPa	0.15 / 3.5				
GROUND LOOP						
Brine		Ethanol 33 %				
Brine flow rate[4]	m³/h	1.8	2.7	5.4	1.8	2.7
SOUND						
Sound power level LwA[5]	dB(A)	39–44	38–42	40–45	39–44	38–42
DIMENSIONS AND WEIGHT						
Dimensions H × W × D	mm	1250 × 580 × 700			1830 × 580 × 700	
Weight	kg	153	173	205	196	243
CONTROL AND WARRANTY						
Remote control		computer or smartphone, internet connection				
Spot price tracking		connectable				
Warranty		5 years				

1 EN 14825 with the operating hours of Regulation (EU) 811/2013, heating only. OKS 6-24 is measured; 2-8 and 4-12 are calculated from the same measurement. Compact has the same values as the OKS of the same capacity (same refrigerant circuit).

2 Flow temperature 25–35 °C, ground loop inlet 0 °C (EN 14825 test points).

3 Highest tested flow temperature 55 °C, backup heater not included.

4 At maximum heating capacity, ΔT 3 K (B0/–3, EN 14511), ethanol 33 %.

5 EN 12102-1, B0/W55, compressor load 50–80 %. The energy label shows the 80 % value.

We reserve the right to make changes without prior notice.