

GROUND SOURCE · FIXED SPEED

Gapsal Zero OKS & Compact

Fixed-speed ground source heat pumps for buildings up to 300 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.



6–16 kW
Capacity, 9 models

4.79
SCOP, 6 kW models[1]

A+++
Energy class at 35 and 55 °C[1]

[1] Regulation (EU) 811/2013

Hot water
Integrated or external tank

Cooling
Passive and active, optional

Remote control
From a computer or smartphone

Quiet operation
Compressor in a separate sound-insulated box

Backup heater
Built in, 6 kW

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

Ground source heat pumps · fixed speed · R454C

Gapsal Zero

DEALER

Model		Zero OKS 6	Zero OKS 7.5	Zero OKS 9	Zero OKS 12	Zero OKS 16	Zero Compact 6	Zero Compact 7.5	Zero Compact 9	Zero Compact 12
GENERAL										
Heating capacity[1]	kW	6.1	8.0	10.7	11.7	17.1	6.1	8.0	10.7	11.7
Suitable heated area up to	m²	140	160	180	250	300	140	160	180	250
Domestic hot water		DHW valve, external tank					180 l stainless steel tank			
Max flow temperature	°C	75								
Backup heater (electric)	kW	6								
Passive and active cooling		possible								
Cascade connection		possible								
ENERGY EFFICIENCY[2]										
SCOP		4.79	4.68	4.65	4.75	4.65	4.79	4.68	4.65	4.75
Energy class, 35 / 55 °C		A+++ / A+++								
ELECTRICAL										
Power supply		3×400 V, 50 Hz								
Circuit breaker	A	3×16	3×16	3×20	3×20	3×20	3×16	3×16	3×20	3×20
Compressor power input[1]	kW	1.37	1.78	2.38	2.58	4.0	1.37	1.78	2.38	2.58
Mains protection		phase loss, phase sequence, under- and overvoltage								
REFRIGERANT CIRCUIT										
Refrigerant		R454C (A2L), GWP 145.5								
Refrigerant charge	kg	1.05	1.3	1.8	1.9	2.5	1.05	1.3	1.8	1.9
CO_2 equivalent	t	0.153	0.189	0.262	0.276	0.364	0.153	0.189	0.262	0.276
Compressor		Scroll · POE oil								
Operating / test pressure	MPa	3.2 / 3.4								
Low / high pressure protection	MPa	0.1 / 3.4								
GROUND LOOP										
Brine		Ethanol 33 %								
Brine flow rate[3]	m³/h	1.4	1.9	2.5	2.8	4.0	1.4	1.9	2.5	2.8
Ground loop connections		at the rear, pipes routed left, right or up								
DIMENSIONS AND WEIGHT										
Dimensions H × W × D	mm	1250 × 580 × 700					1830 × 580 × 700			
Weight	kg	162	166	171	180	194	202	206	211	220
CONTROL AND WARRANTY										
Control		user interface on the unit								
Remote control		computer or smartphone, internet connection								
Warranty		5 years (internet-connected unit)								

1 According to EN 14511.
2 Regulation (EU) 811/2013.
3 At maximum heating capacity, ΔT 3 K, ethanol 33 %. Approx. 25 % lower at ΔT 4 K.

We reserve the right to make changes without prior notice.