



Technical data sheet

GEROtherm® SAVE

SAVE 250 collector/distributor

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General properties	
Collector/distributor design	GEROthem® collector/distributor made of PE100-RC, PN16 for connecting the geothermal probes and feeding to the heat pump. Weld seams made in accordance with DVS. Certified and monitored in accordance with the directive HR3.26 of the Süddeutsches Kunststoffzentrum (SKZ) Würzburg/Germany. SKZ certificate No. A278. Minimal flow resistances. Specially developed for geothermal use.
Components	<ul style="list-style-type: none"> ▪ Main body 250 x 22.7 mm S5 SDR11 PN16 ▪ Flat-sealing ball valves, type GF375 with pipe sockets PE100-RC, PN16 ▪ Balancing valves, inline setter or hyline setter ▪ Optionally with or without filling/drain cock ▪ Breather (G 1/2") ▪ 3 socket Rp½" IT for thermometers, deaerators and left / right use
Application	Combination of several geothermal probes for a feed and return line to the heat pump
Flow rate range	Maximum 118.4 m³/h (at 1 m/s flow velocity in the main body of the collector/splitter)
Main discharge	selectable
Connection dimensions:	Dn ø 32mm Dn ø 40mm Dn ø 50mm
Balancing valves inline setter	5–42 l/min; 8–30 l/min; 20–70 l/min (freely selectable)
Balancing valves hyline setter	10–25 l/min; 20–60 l/min (freely selectable)
Delivery form	on a wooden pallet.
Product standards	SIA 384/6; DVS 2207-1
External monitoring	Süddeutsches Kunststoffzentrum (SKZ), Würzburg/Germany
Physical properties	
Material (main body)	Polyethylene PE100-RC black
Density	0.95 – 0.97 g / cm³
Pipe roughness	0.03 mm
Mechanical properties	
Mean coefficient of linear thermal expansion	0.18 mm/m*K
Thermal properties	
Maximum operating temperature (at maximum 3 bar)	+ 50°C
Minimum operating temperature	-20°C
Chemical properties	
The HakaGerodur GEROthem® SAVE collectors/distributors are resistant to the common heat transfer media. Refer to the Technical Manual for the suitable heat transfer media.	