



Parameter	Specification	Parameter	Specification
Type of pulse generator	GI, GII, GIII pneumatic hydraulic	working depth	up to 800 m
Material	high quality steel	well diameter	Minimum 50 mm
working pressure	up to 100 bar	lining material	steel PVC HDPE open hole
working gas	air nitrogen water	applications	well for water extraction (mineral, thermal, water, etc.);
pulse triggering	automatic adjustable		injection, producing well, groundwater measuring points construction of new well;
pulse frequency	0,5 - 0,1 Hz adjustable		intensification, regeneration, mobilization of underground pollutants;
energy	5 - 25 kJ		horizontal and vertical level

Parameter	Results
State / location	Germany well for water extraction, Naunhof
operating company	KWL/BSL
Example 1 Specification	well 43a well dia. 250mm, depth 17,19 m stainless steel
delivery rate pre-regeneration	12,22 cbmh ⁻¹
delivery rate after regeneration	23,14 cbmh ⁻¹
Example 2 Specification	well 45a well dia. 250mm, depth 19,30 m stainless steel
delivery rate pre-regeneration	22,55 cbmh ⁻¹
delivery rate after regeneration	36,90 cbmh ⁻¹

