MANUFACTURER AND TURN-KEY SUPPLIER
OF GEOTHERMAL SYSTEM COMPONENTS

Technical data sheet – *Venturi Stainless steel probe 88.9 with hydraulic screw*

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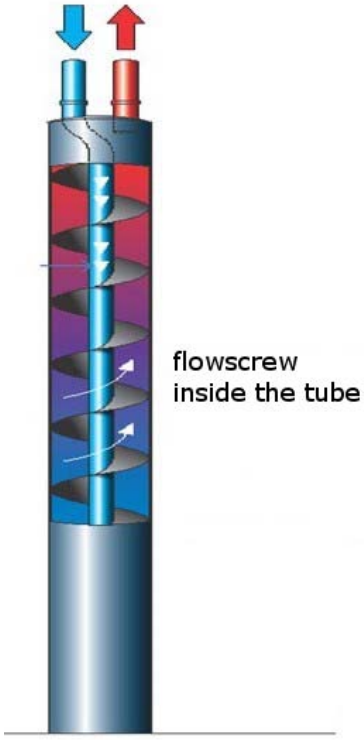

Diameter:	88.9 mm
Collector length:	6.30 m
Weight:	28 kg
Volume:	32 liters
Outward (warm-red):	connection PE32 HD 80/100
Return flow (cold-blue):	connection PE32 HD 80/100
<u>Material quality</u>	
Material:	1.4571 (ASI 316 TI) V4A
Extraction rate:	metal/m 150 – 200 W(mK) in water aquifer e.g. mid-grained/ coarse sand brine 0°C / 2400 h/a
Extraction rate/ connecting line: flow	20W/m in PE 32 HD 80/100 outward & return
Installation:	DIN 18302 (Well construction)
Max. installation depth:	35m
Storage:	avoid iron (Fe – compounds) or rust contact
Operation pressure:	2,0 bar
Testing pressure:	8,0 bar hydraulic test (factory testing)

Classification according to the Pressure Equipment Directive 97/23/EG

Hereby the manufacturer confirms that the above systems/ object are made according to the recognized rules of technology and meet the requirements of the Regulations for stainless steel, Worksheet 833. Proper handling of stainless steel and thorough installation of stainless steel collectors will ensure the operation life of more than 25 years.

Terra Calidus GmbH – Siemensstrasse 37 D-07546 Gera
tel.: 0049 365 5161 8989 fax: 0049 365 5161 8988 e-mail: info@terra-calidus.de