



Dipl.-Ing. (FH) Phys. Technik

Bernhard Zimmermann

Service an Membrananlagen

.....
Mühlstraße 32 • 74538 Rosengarten

Telefon +49 (0) 791 / 4 07 24 23

Telefax +49 (0) 1 80 5 / 0 60 33 89 51 56

Mobil +49 (0) 1 51 / 15 60 59 52

Internet: www.permeat.net

E-Mail: info@permeat.net

Specifications pilot plant „Hummel“ Ultrafiltration / Nanofiltration

- permeate capacity: depends on the membrane and application
- pressure range: 16 bar
- maximum temperature: 60°C
- size of module:
 - spiral wounded: 4" x 40"
 - or
 - ceramic, tubular: max. 4 pcs.; Ø 1" (membrane surface up to 0,8 m²)
- required space: 2600 mm x 1000 mm; height 2300 mm
- instrumentation and control:
 - flow meter for permeate, concentrate
 - manometer for prefiltration, manometer for pressure before and after element
 - pH value concentrate
 - temperature feed
- control system: Siematic S 7,
- operation via visualisation
- continuous registration of all relevant process data
- equipped with automatic valves
- power supply: 3x380 Volt
- motor power: ca. 5 kW
- weight :1000 kg
- plant design
 - working tank, pressure pump, prefiltration, equipment for back pulse, pipe work in stainless steel



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