

Application story

WANNER
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES



Reverse Osmosis in a Suitcase

Location	UK	Hydra-Cell model	G20XDSTSNECK
Type of application	Reverse Osmosis in a Suitcase	Flow rate	3 L/min (0.8 g/min)
Liquid	Water	Pressure	20 bar (290 psi)
Application details	A UK company building portable 'suitcase size' units to produce drinking water chose Hydra-Cell pumps to feed the RO membrane. All system components had to be compact, and the pump had to be able to self-prime. The Hydra-Cell was chosen over piston-type pumps for this duty, giving a number of advantages.		
Advantages of Hydra-Cell pump on this application	No dynamic seals. The pump can handle liquids with particles and it can also run dry. This is an important feature because it helps operators avoid mistakes that could cause high maintenance costs. The pump can also self-prime without risk of damage.		

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