

Application story

WANNER
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES



Membrane Filtration Cleaning

Location	India	Hydra-Cell model	M03BDSGSSEPA x 4 / G21XDSGHFECG x 1
Type of application	Membrane Filtration Cleaning	Flow rate	M03 3.5 l/min (1 gpm) / G21 3.1 l/min (1 gpm)
Liquid	Water	Pressure	Up to 40 bar (580 psi)
Application details	A new corporate office and development facility in India, set up by a global group specialising in water and energy, includes a state-of-the-art technology and innovation centre incorporating an advanced analytical laboratory. One of its initial activities is research and development centred on membrane filtration, collaborating with ongoing research in the USA. To clean and test membranes, enabling preparation of detailed performance comparison reports, the company relies on Hydra-Cell pumps to deliver water to the membrane at consistent, accurate rates of flow and pressure, with minimal pulsation. A number of complete testing skids shipped out from the parent company are in use at the new facility. Each incorporates either an M03 pump or a G21.		
Advantages of Hydra-Cell pump on this application	No leaks. Reliably constant flow and pressure. Low vibration and noise level. Very much lower maintenance requirement.		

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