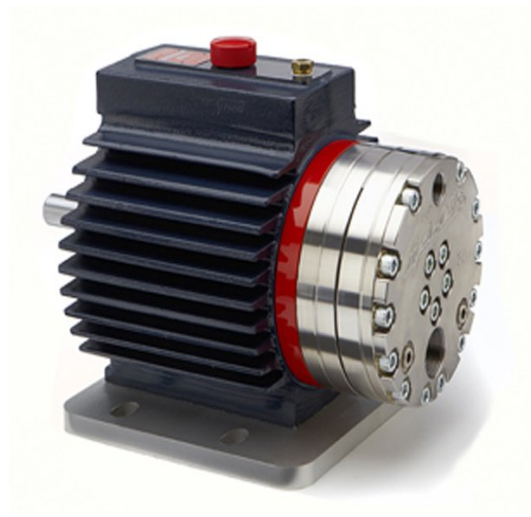


Application story



Gas Extraction from Coal Seams

Location	UK	Hydra-Cell model	G15XDSTHFECA x 2
Type of application	De-watering Coal Seams	Flow rate	48 l/m (12 gpm)
Liquid	Water	Pressure	70 bar (1000 psi)
Application details	The G25 pumps are pumping brackish/soured ground water into drill holes through an Eductor (Jet pump). This creates a venturi effect and pulls up more water from the coal seam. As the water is removed from the coal seam the pressure reduces and gas is allowed to escape. The line going to the Eductor from the pump consists of three pipes: 1. Low flow - High-pressure: Down from the pump 2. High flow - Low pressure: Coming back up from the Eductor to a tank to allow any particles to settle out before being fed back to the Hydra-cells 3. Gas coming up to a treatment plant		
Advantages of Hydra-Cell pump on this application	Ability to handle non-lubricating liquids. Ability to handle solids in suspension. Compact design		

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