



Seal-less Pumps for Condensates and Produced Water

Provides Containment of VOC Emissions and Handles Corrosives

Hydra-Cell positive displacement pumps feature a seal-less design and other operational features that make Hydra-Cell ideal for pumping condensates and disposing of salt water in oil and gas processing applications. They meet or exceed API 675 performance standards for accuracy, linearity, and repeatability.

Water in oil and gas formations can be contaminated with sand, salt, carbon dioxide, or even hydrogen sulfide. After the contaminants are removed by a separator, Hydra-Cell is used to inject water back into the formation or to inject water and Natural Gas Liquids (NGLs) downstream from the compressor to the processing plant.

No VOC emissions. No seals or packing to leak or replace (and no associated clean-up and disposal costs). No worries about exposing workers to dangerous process fluids and emissions. No leaks or wear due to corrosion.



Seal-less Design Has No Leak Path

- Liquids are 100% sealed from the atmosphere
- No seals or packing to leak VOC emissions
- No need for “vapor-less” options to control VOC
- Handles produced water and other corrosive liquids

High Suction Pressures

- Hydra-Cell Model D35 has a maximum inlet (suction) pressure of 500 psi to handle the high vapor of condensates

Pumps Low-to-High Viscosity Fluids

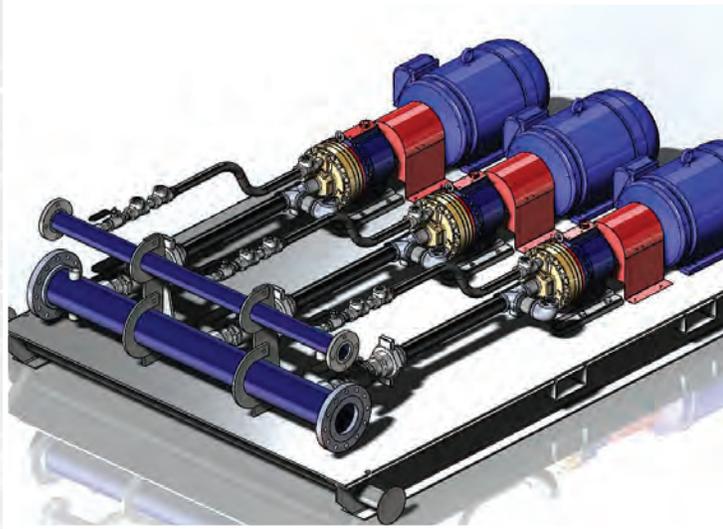
- Low in viscosity, condensates tend to search for leak paths in a pump; the seal-less Hydra-Cell has no leak path and no seals or packing that leak

Rugged and Reliable

- No dynamic seals so produced water can be pumped reliably
- Available with corrosion-resistant materials
- Can run dry without damage to the pump
- Capable of withstanding upset conditions (e.g. cavitation)

Hydra-Cell[®]

Seal-less Pumps



Skid-Mounted Seal-less Pumps for Condensates and Produced Water

Triplex D35 Pump

Maximum Flow (35 gpm/pump):	105 gpm
Maximum Discharge Pressure:	1200 psi
Maximum Discharge Pressure (@ 700 rpm):	1500 psi
Maximum Inlet Pressure:	500 psi
Maximum Horse Power (30/pump):	90 hp
Maximum Speed:	1200 rpm
Piping Specifications:	B31.3 (ASME)
Inlet Manifold Size:	6 inches
Outlet Manifold Size:	3 inches
Pump Manifold Material:	316L Stainless Steel
Diaphragm/Elastomer Material:	Viton GFLT
Skid Dimensions:	84" x 65" x 36"

Duplex D35 Pump

Maximum Flow (35 gpm/pump):	70 gpm
Maximum Discharge Pressure:	1200 psi
Maximum Discharge Pressure (@ 700 rpm):	1500 psi
Maximum Inlet Pressure:	500 psi
Maximum Horse Power (30/pump):	60 hp
Maximum Speed:	1200 rpm
Piping Specifications:	B31.3 (ASME)
Inlet Manifold Size:	6 inches
Outlet Manifold Size:	3 inches
Pump Manifold Material:	316L Stainless Steel
Diaphragm/Elastomer Material:	Viton GFLT
Skid Dimensions:	60" x 48" x 36"

Due to Wanner Engineering continuous improvement practices, performance data and specifications may change without notice.



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