

# MultiVac-35 Methane Capture



CHZero Emissions offers Zero-Flare pipeline, vessel and oilwell blowdown capture services to the Oil & Gas utility, production, midstream, and transportation sectors. CHZero's crew arrives on site, executes the operation, and can follow up with a report of the emissions reduced compared to conventional blowdown practices.

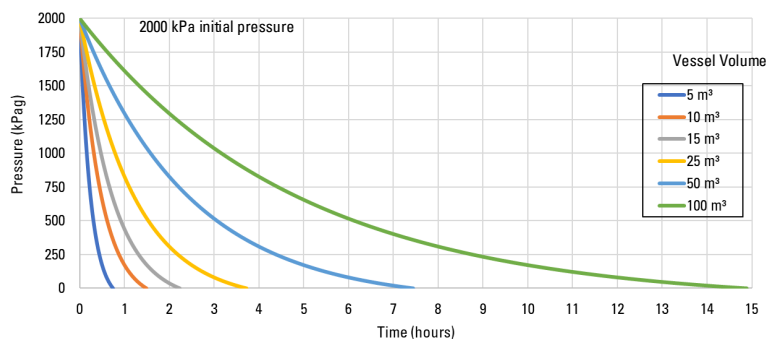
CHZero's MultiVAC-35 Compressor is a hydraulic multiphase compressor for evacuating pipelines and vessels with pressures up to 2 400 kPa (350 psi). Isolated pipelines and vessels are evacuated and discharged into an adjacent pipeline or vessel.

The MultiVAC eliminates flaring, venting and the associated environmental impacts while conserving natural gas and associated heavy ends and liquids.

Maximum discharge pressure capability is 10 340 kPa (1,500 psi), making the MultiVAC ideally suited for tight pressure control for launching sophisticated and sensitive Inline Inspection Tools.

The MultiVAC's multiphase capabilities means that up to 100% liquids may be processed directly through the compressor, eliminating the need for inlet separation. Any typical oilfield fluid stream can be processed, making the MultiVAC indispensable for conserving streams from oil well blowdowns, evaluating casing gas compression, pipeline maintenance, pigging operations, facility turnarounds and decommissioning.

## Time to Evacuate Volumes of Gas



## Applications

- Multiphase pipeline / flowline evacuation
- Utility and distribution line evacuation
- Production well blowdown prior to servicing
- Evaluating casing gas compression on production
- Inline Inspections
- Pipeline & Facility maintenance, repair and decommissioning
- MAOP testing
- Pig pushing & pig trap recovery

## Standard Features

- $\Delta P$  up to 2 400 kPa (350 psi)
- Maximum discharge pressure of 10 340 kPa (1,500 psi)
- Self-powered with natural gas / LPG engine
- Rapid deployment, setup and demobilization
- Fully controllable based on job parameters

## Benefits

- Conservation of gas and oil
- Eliminate flaring and venting
- Minimize CO<sub>2</sub> and methane emissions
- Mitigate emissions penalties
- Increase revenue from captured volumes
- Help advance corporate Net-Zero goals
- Reduce isolated pipeline & vessel pressure to 0 kPag
- Mobilize in urban areas, minimizing service disruption
- Cost-effective alternative to nitrogen displacement

## Contact

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