



CO₂ (CCUS) & Other Gases

Carbon Capture Usage & Storage (CCUS) will play an important part in the UK's contribution to a Balanced Net Zero Pathway. The Government's Ten Point Plan gives full commitment to cutting emissions over the coming years.

Envisaged methods of CCUS (from industrial process plant installations and upgrades to undersea storage) will require significant compression of CO₂ and our range of Diaphragm Compressors for pressures up to 1,000Bar(g) are eminently suitable for this application.



Benefits of our Diaphragm Compressors are:

- Clean, uncontaminated gas
- Leak-tight compression
- No filters or oil removal systems
- Static seals, environmentally safe
- 10,000 to 40,000 running hours between services
- Low maintenance, reliable service
- Non-corrosive wetted parts

Contact us for:

- Flow rates from 8 to 3,000Nm³/hr
- Skid mounted fully packaged sets with instrumentation and control panel.
- Manufactured to UKCA (CE), EPS (ATEX) and PESR (PED) standards.
- Acoustic enclosures where specified for noise reduction below 85db'A'.

Other Gases

Due to their construction, our range of Diaphragm Compressors are suitable for a large number of gases including, but not limited to, the following:

Argon	Krypton
Butane	Methane
CO	Neon
Deuterium	Nitric Oxide
Ethane	Nitrogen
Ethylene	Octane
Fluorine	Oxygen
Freon	Silane
Helium	Sour Gas
H ₂ S	TFE
Hydrogen	Xenon