



Compressor Type CU

The air-cooled, lubricated trunk-piston compressor type CU offers field-proven **ruggedness and reliability**. Due to its **simple and compact design** the unit is **space-saving and easy to maintain**. The frame mounted compressor is bedded on **vibration dampening elements** and therefore requires no special foundation or factory erectors for its **easy installation**. Low compression ratios per stage allow high cylinder loads with comparable low temperatures. Results are **high volumetric efficiency, low maintenance and more safety**.

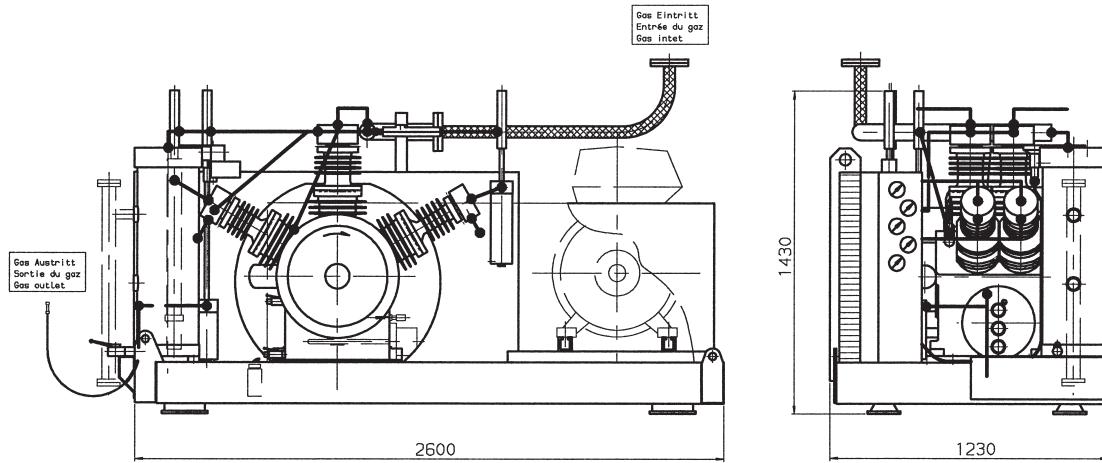


Reliable and economical – Your benefit:

- Final pressure up to 501 bar
- Pressure tight, sealed crankcase
- Flow rate up to 825 Sm³/h
- High volumetric efficiency, low maintenance, more safety
- Easy to install, no special foundation required
- Easy to maintain
- Simple, compact design
- Bedded on vibration dampening elements



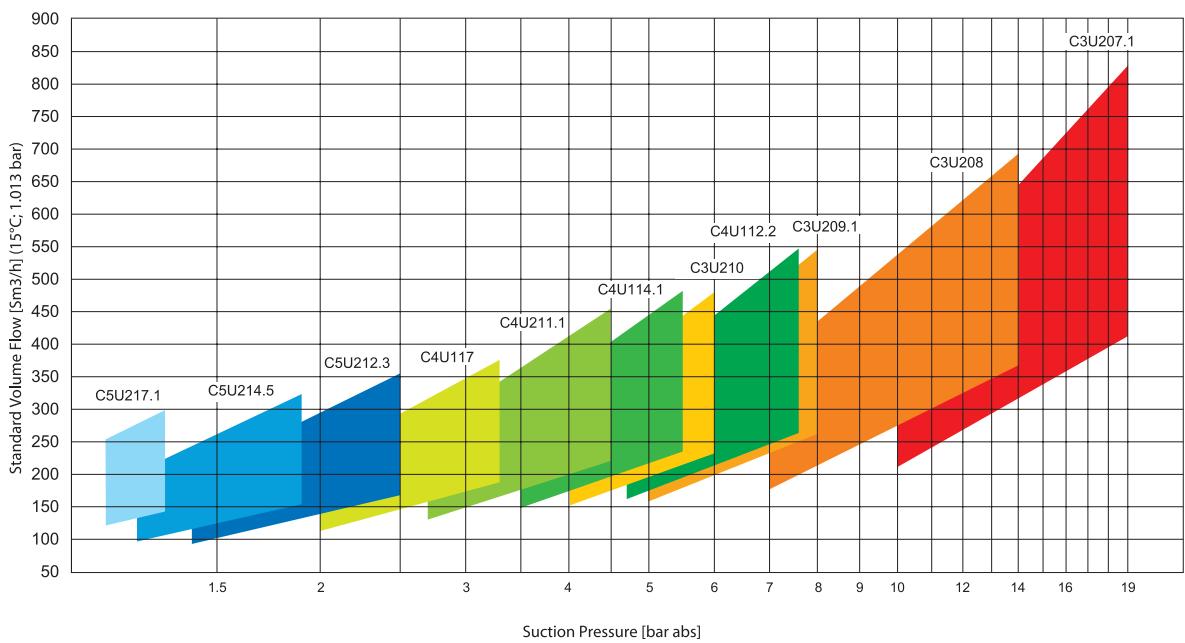
Dimensions



Technical Data*

Suction pressure:	up to 19 bar abs**
Final pressure:	up to 501 bar abs
Flow rate:	80–825 Sm ³ /h
Power supply:	max. 110 kW
Weight:	approx. 1'700 kg (without motor)
Gases:	Natural gas, H ₂ , He and other noble gases, air, N ₂ , typical industrial gases, etc.
Applications:	CNG and H ₂ refueling systems, bottle filling, oil- and gas production, chemical/petrochemical industry, gas purification and recovery, air-blast circuit breaker systems, seismic oil and gas exploration, etc.
Options:	Filter systems, control cabinets, acoustic canopies, etc.

Flow rate diagram* (e.g. Natural gas, final pressure 271 bar abs)



* Subject to modification. Binding data on request. ** Higher inlet pressures available on request.

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