



L & M COMPRESSOR

CN 305 Series Stage High Pressure Compressor



Standard Features

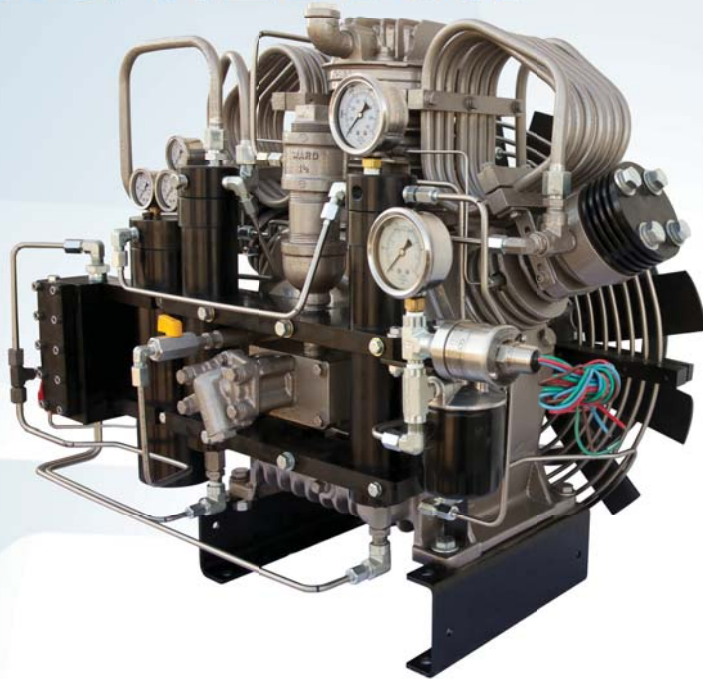
- Three Stages
- Cast iron block and cylinders
- Pressurized oil lubrication system
- Connecting rods with needle roller bearings
- Gauges on all stages including oil
- Relief Valves, ASME on 1st, 2nd, & Final
- Relief Valves, ASME on Inlet
- Latest Technology in valve and ring design
- Stainless steel valve assemblies on 1st, 2nd, & final
- Intercoolers on 1st, 2nd, after cooler on final
- ACD- Automatic Drain Block with explosion proof solenoid (Class 1, Division 2, Group D)
- Moisture separators on 2nd and final stages
- 2000 hours before internal maintenance
- Meets CSA / ASME standards for CNG
- Designed and built in the USA

Benefits of Low
RPM Technology

Long Life
Low Noise
High Efficiency with Reduced Heat



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3 Cylinder, 3 Stage CNG Compressor

Model	Inlet Pressure	Max Working Pressure		Capacity (1) & (2)			Motor	
		psig	bar	scfm	l/min	GGE/hr.	hp	kW
CN303-5	1 psig	5,000	345	5	142	2.37	3	2.2
CN303-5	5 psig	5,000	345	5	142	2.37	3	2.2
CN305-5	5 psig	5,000	345	6.1	173	2.89	5	3.7
CN307-5	5 psig	5,000	345	9.2	261	4.36	7.5	5.6

1) Capacity is referenced to 5 psig inlet conditions, 68°F inlet temperature @ 80% of the compressor's maximum working pressure. Tolerance +5/-4%

2) One GGE (Gasoline gallon equivalent) of natural gas is 126.67 cubic feet (3.587 m³) at standard conditions.

3) Specifications are subject to change.

CNG Optional Features:

- Low oil switch
- Oil temperature switch
- Oil heater
- High temperature switch
- Low gas detection, .50 psig
- Shut off solenoid
- Vacuum transducer between shut off solenoid and compressor inlet
- Pressure transducer all stages

Dimensions

- Width 26.5 (Side to Side)
- Depth 22" (Front to Back)
- Height 25.5" (Compressor Mount to Top Head)
- Weight 320 Lbs.
- Fan Diameter 22"

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