

The NA9 High Pressure Compressor

The Complete Solution for Breathing Air and Industrial Gas Applications.... In America and Around the World

STATE-OF-THE-ART DESIGN

Three stage design for low vibration and balanced rod load.

Strong two-piece crankshaft for superior durability.

Heavy duty, shaft-driven, gear-type oil pump with high capacity spin-on oil filter provides generous lubrication to critical wear areas for longer pump life.

36 ft. of interstage cooler coils, aftercooler, finned cylinders, finned aluminum heads, fan-bladed flywheel allows cooler operating and discharge temperatures.

Quiet operation (56 dB sound rating)

Dual crankcase covers for easy access to crank shaft and connecting rods.

TOP GRADE MATERIALS

Cast aluminum crankcase eliminates unnecessary weight.

Cast iron cylinders for strength and durability.

Ductile iron final stage cylinder for stability.

Ductile iron counterbalanced crankshaft with large diameter throw.

Aluminum cylinder heads for superior heat dissipation.

High grade aluminum connecting rods for high strength and precise alignment.

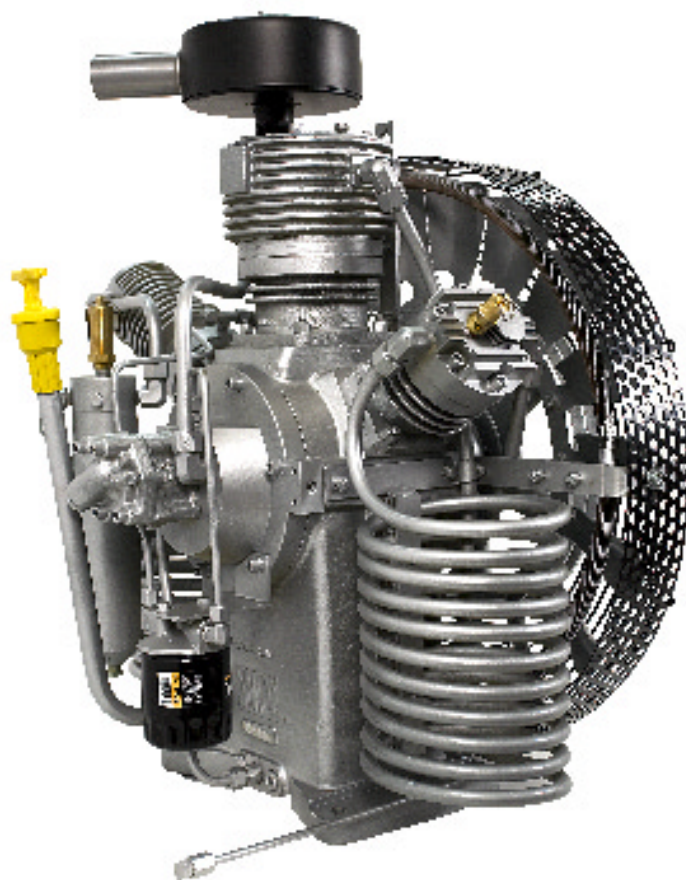
HIGH QUALITY COMPONENTS

Anti-friction front and rear bearings for smooth operation with lower horsepower and long crankshaft life.

Metal fan blades and blade guard.

Stainless steel, disc-in-plate valves for long wear and excellent heat resistance and dissipation.

High quality teflon and viton o-rings for efficient sealing and heat resistance.



Model NA 9: three stage design for compression from 7 to 9 scfm at 5,000 psi

QUALITY ASSURANCE

All compressor pumps are individually tested and certified for performance to required operating conditions.

Two Year Manufacturer's Warranty.

North American Compressor Corporation

(405) 232-8214 - FAX (866) 232-1776

www.nacompressor.com

The NA9 Compressor

State-of-the-Art in High Pressure Compression

NA Series compressor pumps are available as bare head blocks or integrated in fully assembled breathing air and industrial gas systems manufactured by independent high pressure professionals around the world.

NA Series compressors are made in America to withstand the stress of modern continuous duty applications in the most demanding environments. The NA Series blocks are the ideal choice for flexibility and trouble free performance in the safety, diving, and general industrial markets.

All NA Series blocks are built to the highest quality standards and are supported by a two year manufacturer's warranty. Replacement parts are readily available and reasonably priced.

Contact North American today for further information on the NA Series compressor for your specific application or the location of the independent system packager in your area or industry.

Technical Specifications

<u>Model</u>	<u>NA9</u>
Medium	Air/Natural Gas/ Premixed Nitrox
Number of Stages	3
Cylinder Bore 1st Stage	3.470 in.
Cylinder Bore 2nd Stage	1.419 in.
Cylinder Bore Final Stage	0.050 in.
Stroke	2.00 in.
Charge Rate @ 1140 rpm	9 cfm
Intermediate pressure 1st stage**	100 psi
Intermediate pressure 2nd stage	1080 psi
Operating pressure (maximum)	5000 psi
Ambient temperature range***	32° to 115° F (all models)
Outlet temperature	< 15° above ambient (all models)
Oil Capacity (including filter)	4 qts.
Oil delivery	64-72 psi @ 2 gpm (all models)

***Charge Rate based on filling 80 cubic foot tank from 500 to 3000 psi**

****Interstage pressures are approximate due to atmospheric intake**

*****Crankcase heaters are available for extreme cold climates**

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