

Ingersoll Rand

Natural Gas Compressors for NGV Refueling

Innovation

Reliability

Efficiency



Natural Gas Compressors

Ingersoll Rand

For over thirty years, Ingersoll Rand has been the leader in compressed natural gas (CNG) for the natural gas vehicle (NGV) market, providing a wide range of safe, reliable and easy-to-service modular compression packages.

NGV Refueling

Our rugged, pre-packaged modular compressor systems provide the necessary performance for most NGV applications including school bus and municipal fleets, forklift applications, utilities and public refueling. From inlet to outlet, Ingersoll Rand is the leader in CNG package design, manufacture and warranty.

- Packages range from 28 scfm to 116 scfm
- Up to 5,000 psig discharge pressure
- Air-cooled design
- Parts and service readily available
- Manufactured in the U.S.A.

Fleet Refueling

The compressor's heavy-duty cast-iron construction and efficient low cost operation are ideal for continuous-duty use. Featuring an easy-to-operate design and a broad product range, Ingersoll Rand's natural gas compressors meet most fleet refueling requirements, and can be used in time-fill and fast-fill refueling applications.



Simplex and Duplex Compressor Packages

Each self-contained compressor package includes carefully matched components that are pre-piped, pre-wired, tested and proven for reliable natural gas compression. Our module design complies with NFPA 52 Standard for CNG Vehicular Fuel Systems, and all electrical devices comply with NFPA 70 National Electrical Code and are NEC rated Class 1, Group D, Div. 2. Each module is shipped fully assembled and ready to install with only three connections in the field; inlet gas, outlet gas and 460V/3PH to the motor starter box.

Our feature-rich natural gas compressor packages benefit you, and the planet.

Compressor Configurations

Single (Simplex) or dual (Duplex) air-cooled configurations rated for specific refueling requirements. Each multi-stage compressor comes complete with cooling fan, interstage intercoolers and aftercoolers, relief valves and separators.



Safety Controls

Complete complement of electric shutdown controls, including emergency shutdown switch.

Control Panel with PLC

Easy-to-use control panel with automatic start/stop operation.

Automatic Condensate Drain System

Regularly dumps liquids collected by separators into the gas recovery tank at user-selected intervals.

Inlet (Suction) System

Threaded inlet gas connection complete with inlet check valve, pulsation tank, coalescing filter and solenoid valves; Duplex models have individual manual isolation valves.

Gas Recovery System

Closed loop vent recovery system complete with ASME tank and relief valve, pressure gauge and manual drain valve.

Electric Motor Drive

Totally enclosed, explosion-proof, electric motors rated 230/460 volt, 3 phase, 60 Hz.

Discharge System

Priority (back pressure) valve and coalescing filter with stainless steel discharge tubing.

Performance Data								
Model	RPM	Inlet Pressure psig	Flow Capacity scfm	Discharge Pressure psig	Length in	Width in	Height in	Weight lb
SX Simplex 05H25NG	990	5	28	5,000	30	62	69	2,750
DX Duplex 05H25NG	990	5	56	5,000	113	80	75	4,875
SX Simplex 20H40NG	990	20	58	5,000	107	62	69	3,100
DX Duplex 20H40NG	990	20	116	5,000	124	80	78	5,650



Ingersoll Rand Industrial Technologies provides products, services and solutions that enhance our customers' energy efficiency, productivity and operations. Our diverse and innovative products range from complete compressed air systems, tools and pumps to material and fluid handling systems and environmentally friendly microturbines. We also enhance productivity through solutions created by Club Car®, the global leader in golf and utility vehicles for businesses and individuals.

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