



# MSG<sup>®</sup> TURBO-AIR<sup>®</sup> NX 12000

## Centrifugal Air Compressor

The MSG TURBO-AIR NX 12000 was designed with extensive engineering processes that utilize the latest advances in technology and computational methods. The MSG TURBO-AIR NX 12000 is one of the most efficient machines in its class and features four new patent-pending designs.

## Features

### FEATURE IMPROVEMENTS:

- Patent-pending lube technology with integrated filters, coolers and manifold, allowing for a leak-free, compact and high-performance system
- Optimized stage and gas passages utilizing computational fluid dynamics (CFD)
- OEM-optimized cast-in-water manifold, with a patent-pending integral trim valve
- Interchangeable intercooler/aftercooler bundles and header

### LOW TOTAL COST OF OWNERSHIP

Over time, the energy required to power a compressed air system is the largest cost associated with a compressor; particularly in today's fluctuating energy markets. That is why, to accurately determine the return on your investment, it is important to consider the total life-cycle cost of operating the compressor, including the initial investment, energy consumption and maintenance costs.

As the chart below demonstrates, the MSG TURBO-AIR NX 12000 provides some of the



lowest total life-cycle costs of any compressor.

The power savings delivered can significantly speed up the payback on your initial investment, and the savings continue to build the more you use the MSG TURBO-AIR NX 12000.

Life-Cycle Cost Comparison (more than 10 years of operation at 80% loaded)

## ISO CERTIFIED CLASS ZERO

Our MSG TURBO-AIR centrifugal compressor product line has been engineered to produce oil-free air for more than 60 years. This certification officially acknowledges the ability of our compressors to produce 100% oil-free air, providing our customers with enhanced quality assurance.



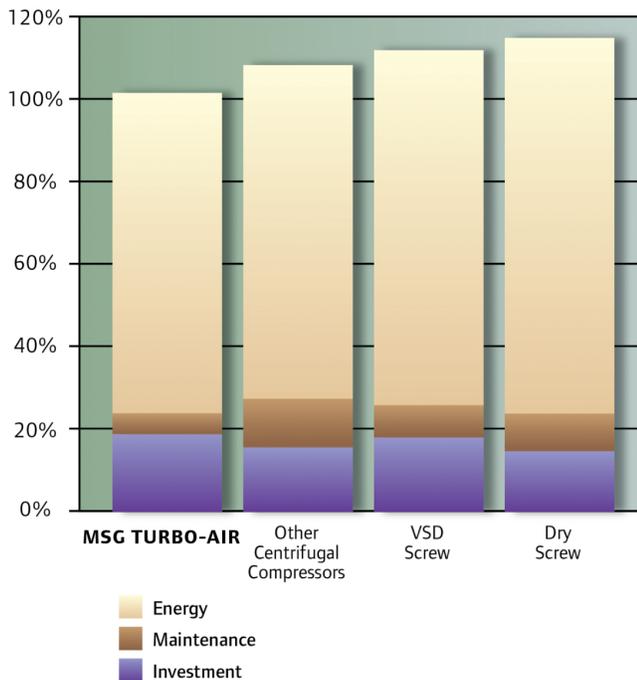
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## Model Specifications

Specification	Metric	Imperial
Standard Input Power	1120 to 2237 kW	1500 to 3000 hp
Discharge Pressure	3.5 to 14.5 barg	50 to 210 psig
Inlet Flow	212 to 430 m <sup>3</sup> /min	7500 to 15,200 CFM

## Parts & Accessories



**MSG® TURBO-AIR® Centrifugal Compressor Replacement Parts**



**Field Overhaul Services**



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit [www.ingersollrand.com](http://www.ingersollrand.com).