

# MSG Centac...Engineered for Performance

Ingersoll Rand centrifugal compressors are designed for applications where reliability, productivity and efficiency are essential to getting the job done right...and the compressor's packaged design makes it easy to install wherever needed.

## Long-Life Gears

25-year rated, uniformly hardened gears provide extreme reliability

## Efficient Impeller Design

Backward leaning impellers provide constant pressure control while maximizing efficiency and turndown range

## Moisture Separator

Stainless steel moisture separator provides superior reliability and helps prevent corrosion, ensuring high air quality

## Coolers

Precisely engineered coolers maintain a low pressure drop and the large surface area provides maximum cooling efficiency. The integral cooler design helps the compressor keep a compact footprint\*

\*Optional external configurations available

## High Capacity Bearings

Hydrodynamic bearings are completely non-contact, offering virtually unlimited life and maximum efficiency with 2-3 times the lifespan of traditional bearings

## Rotors

High grade steel rotors are fully balanced and require no coating, providing constant performance over time

## Seals

Fully floating, non-contact carbon ring seals minimize air leakage and prevent oil from migrating into the compressed air stream; single-piece seal construction provides significantly better performance than other technologies, saving valuable compressed air

## Diffuser

Optimally designed to work with Ingersoll Rand's backward leaning impellers for maximum efficiency

