

Quantima

High speed, oil-free, variable speed centrifugal air compressors
200 HP to 400 HP



The oil-free, high speed variable speed centrifugal Quantima™ compressors offers the lowest environmental footprint of any compressor on the market today, cutting tons of CO2 during manufacture, use and disposal, increasing your 'green' credentials and market appeal

Quantima™ – the most advanced compression technology delivering the most efficient and highest quality, quiet oil-free compressed air.

DO YOU WANT TO KNOW EXACTLY HOW MUCH YOU COULD SAVE?

You know that energy is by far the biggest cost associated with your compressed air system. Quantima™ can deliver significant power savings in your compressed air generation, but so too can improvements in your compressed air distribution and use. Comprehensive measurement and analysis of your compressed air systems can tell you exactly what compressed air is costing you, highlight areas for improvements and realistically quantify the potential for savings.

- Unmatched efficiency
- Premium reliability
- Lowest environmental impact

Quantima's™ patented Q-drive™ compression and motor assembly has just one moving part and operates with the rotor spinning in a magnetic field at up to 60,000 rpm.

Q-drive™ is special for what it doesn't have:

- No gearbox
- No oil
- No contact
- No wear

Un rendement exceptionnel grâce à l'absence de réducteur et de pièces en contact.

- Energy savings of up to 25% and more are easily achievable
- Lowest off-load power consumption – just 2.5% of full load power equal to 7kW for a 300kW compressor.
- Variable speed technology matches output to requirement minimizing off-load running .
- Sophisticated compressor controls to maximize flexibility and provide additional power savings

Lowest energy consumption – lowest cost of ownership Energy costs account for over 80% of the outlay over the life of the compressor – making energy efficiency our number 1 priority. With energy savings up to 25% and more, Quantima™ delivers.

Quantima™ options

- Energy Recovery Kit
- Weatherproof Kit
- Heater Kit
- Connectivity with Building Management Systems (BMS)
- Heat of Compression Dryer

Brochures

• QUANTIMA Q43/Q52/70L | 300–400 HP



• GD Rotary compressors | Air treatment

