

Quantima™

Delivering a major breakthrough in oil-free compressor technology

Quantima® – no gearbox, no oil, no contacting parts & no mechanical wear. Just a single moving part, spinning in a magnetic field at up to 60,000 rpm.

Offering outstanding energy efficiency, reliability and low environmental impact, Quantima® also offers low noise levels at 69dB(A) and a physical footprint around 40% smaller.

- **Outstanding efficiency**
- **Premium Reliability**
- **Low environmental impact**

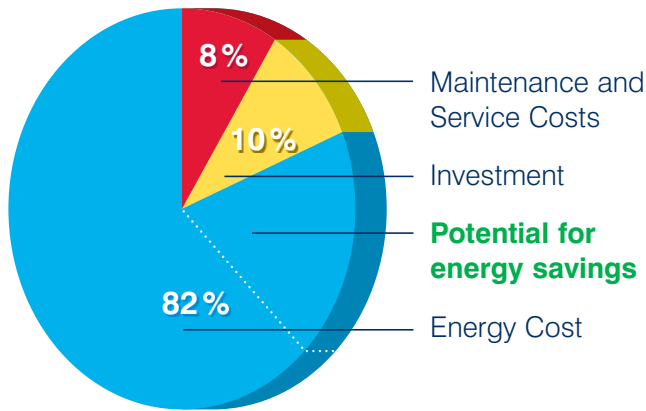
Quantima — the future is now



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The greatest efficiency is that which can utilize technology to the best advantage

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Low energy consumption & low cost of ownership

- Outstanding efficiency due to no gearbox and no contact parts
- **Energy savings of up to 25% are easily achievable**
- **Lowest off-load power consumption** - just 2.5% of full load power equal to 7 kW for a 400 HP compressor
- Variable speed technology matches output to requirement minimising off-load running

Premium reliability & peak performance

- Sophisticated touch screen Q-Master controller to maximize flexibility and power savings
- Q-Life predictive maintenance via remote monitoring
- Peace of mind and zero risk



Standard Pressure

Model	Cooling Method	Motor Rating (hp)	Working Pressure min / max (psig)	FAD @ 100 psig (cfm)*	Dimensions L x W x H (inches)	Noise Level dB(A)**	Weight (lbs)
Q-43	Water	320	72-116	up to 1520	95 x 63 x 73	69	5732
Q-52	Water	400	72-116	up to 1840	95 x 63 x 73	69	5732

Low Pressure

Model	Cooling Method	Motor Rating (hp)	Working Pressure min / max (psig)	FAD @ 43 psig (cfm)*	Dimensions L x W x H (inches)	Noise Level dB(A)**	Weight (lbs)
Q70L	Water	400	43-72	up to 2504	116 x 78 x 76	69	8360

* Data measured and stated in accordance with ISO1217 Annex C at the following conditions: Air Intake Pressure: 1 bar a / 14.5 psia; Air Intake Temperature: 20°C / 68°F; Humidity: 0% (dry)

** Measured in free field conditions in accordance with the ISO2151 test code, tolerance ± 3 dB(A)

Quantima policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

www.quantima.com/USA/contact.asp