

The GRACO QUANTM™ electric operated diaphragm pump combine all of the benefits of a traditional air operated diaphragm pump like self-priming, stalling under pressure and increased diaphragm life with the benefits of an electric pump like energy cost savings, reduced pulsation and increased pump control.

- Up to 80% more efficient than an air operated diaphragm pump
- The first electric diaphragm pump on the market that will stall under pressure
- Built-in control
- I/O for remote operation (4-20mA)
- Reduce pulsation without the addition of pulsation dampeners
- Mobile cart options available for easy and quick movement
- Can run dry
- Self-priming (no need to fill the pump to operate)
- Able to achieve flow rates up to 114 lpm
- Patent pending technology allows pump to stall under pressure preventing pump failures from clogged lines or closed valves
- Energy efficient Flux-core drive reduces energy consumption up to 8x compared to traditional air operated diaphragm pumps

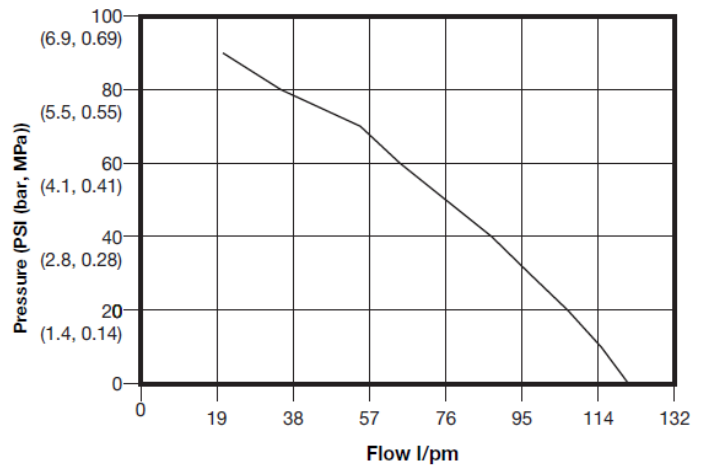
Technical Specifications (Pump)

| | |
|---|---------------------------|
| Material of Construction | 316 Stainless Steel |
| Connection Size | 1.5" Tri-clamp |
| Fluid Inlet and outlet Size | 25 mm |
| Surface Finish | 125 Ra |
| Maximum Flow Rate | 114 lpm |
| Maximum Discharge Pressure | 6.9 bar |
| Center Section | FEP coated Aluminium |
| Pump Weight | 39.9kg |
| Maximum Solids | 3.2 mm |
| Maximum suction lift* | Wet: 8.8 m; Dry: 4.9 m |
| Seats | 316L Stainless Steel |
| Ambient air temperature range for operation | -20 °C to 40 °C |
| Balls | PTFE |
| Diaphragm | PTFE/Santoprene 2-Piece |
| Configuration | End-port |
| Maximum Fluid Operating Temperature | 82 °C |
| Material Certification | EN 1024:2004 Type 2.1 |
| Hazardous location approved | ATEX available on request |
| Standards Met/Compliance | EC 1935/2004 |

Technical Specifications (Motor)

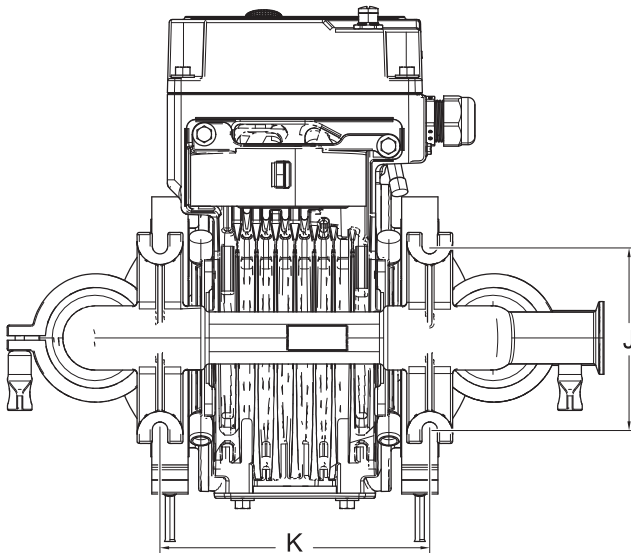
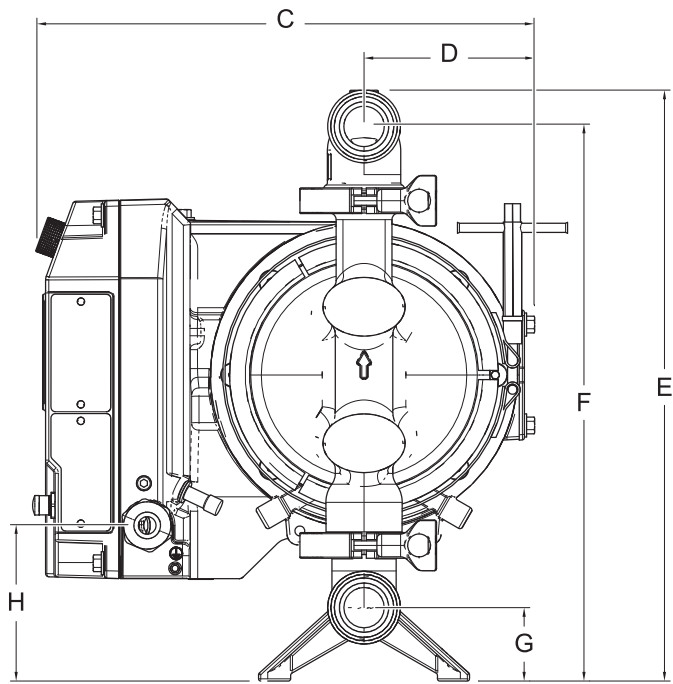
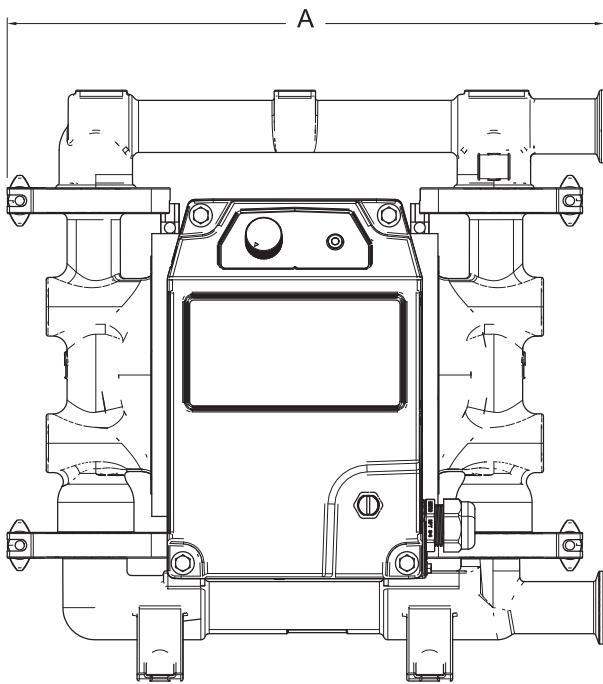
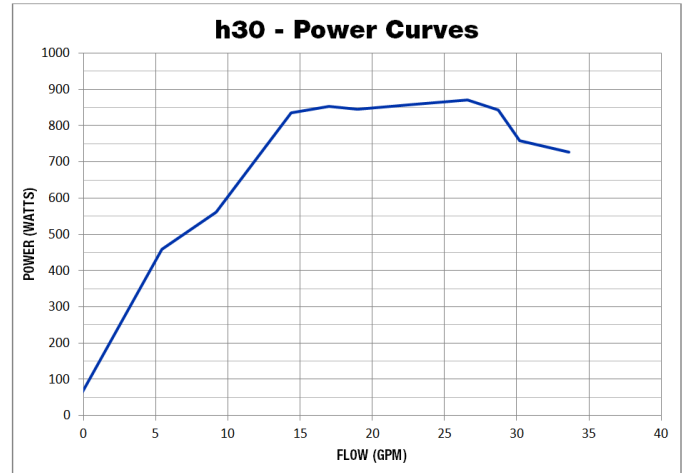
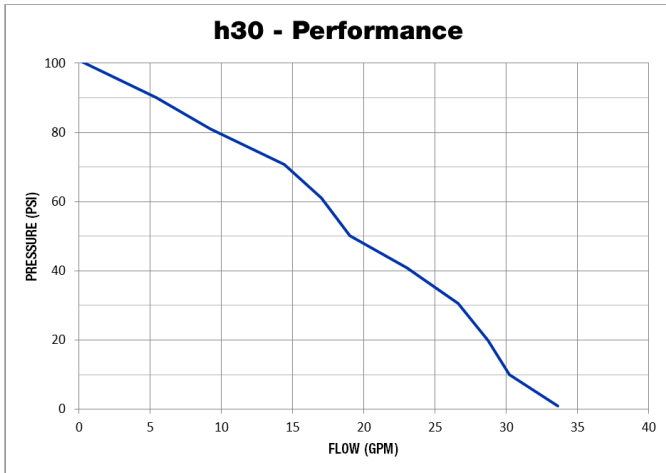
| | |
|-----------------------|-------------------------|
| Type | Flux-Core drive |
| Speed | 50Hz / 60 Hz |
| Voltage | 1-ph 230V, AC |
| Maximum Amperage Load | 10 A (230V) |
| IP Rating | IP66 |
| Control | Local + Remote (4-20mA) |

Performance Chart



Performance may vary based on pump materials, suction condition, discharge pressure, and fluid type.

Dimensions, Performance and Power Curves for SPE-Q-h30
Model Food Grade Hygienic



| DIM REF. | CM |
|----------|---------|
| A | 41.40 |
| C | 34.54 |
| D | 11.81 |
| E | 40.90 |
| F | 38.40 |
| G | 5.08 |
| H | 10.77 |
| J | 12.70 |
| K | 18.67 |
| WEIGHT | |
| 88 lb | 39.9 kg |