

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

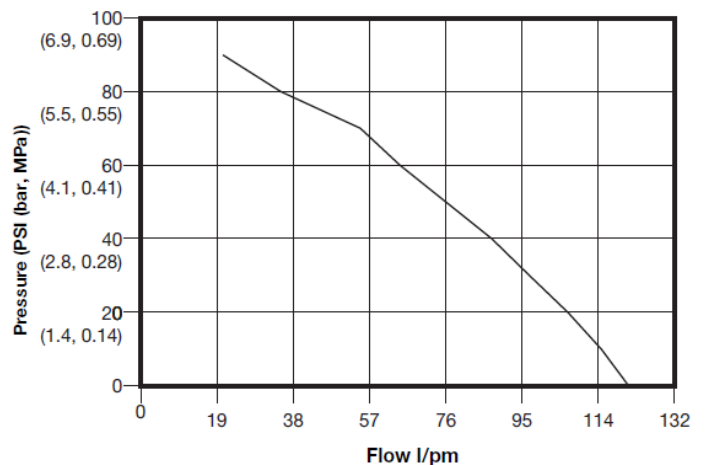
## Technical Specifications (Pump)

Material of Construction	316 Stainless Steel
Connection Size	1" Tri-clamp
Fluid Inlet and outlet Size	25 mm
Surface Finish	High Sanitary - 32 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: 2.41 m
Seats	316L Stainless Steel
Ambient air temperature range for operation	-20 °C to 40 °C
Balls	PTFE
Diaphragm	PTFE/Santoprene (2-piece)
Configuration	centre-port
Maximum Fluid Operating Temperature	82 °C
Material Certification	EN 1024:2004 Type 2.1
Hazardous location approved	Optional
Standards Met/Compliance	EC 1935/2004

## Technical Specifications (Motor)

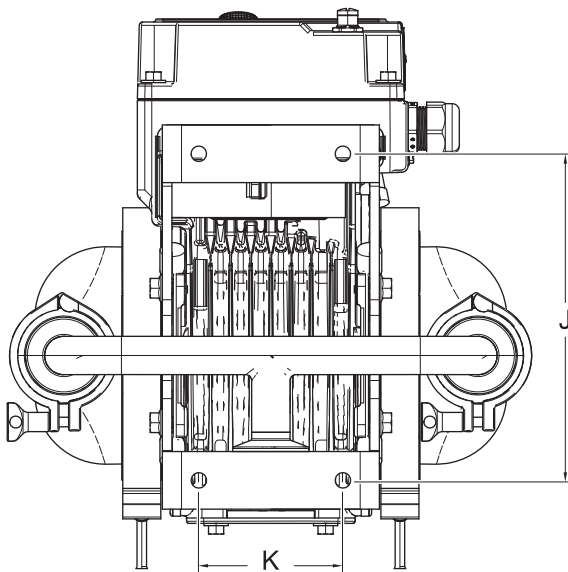
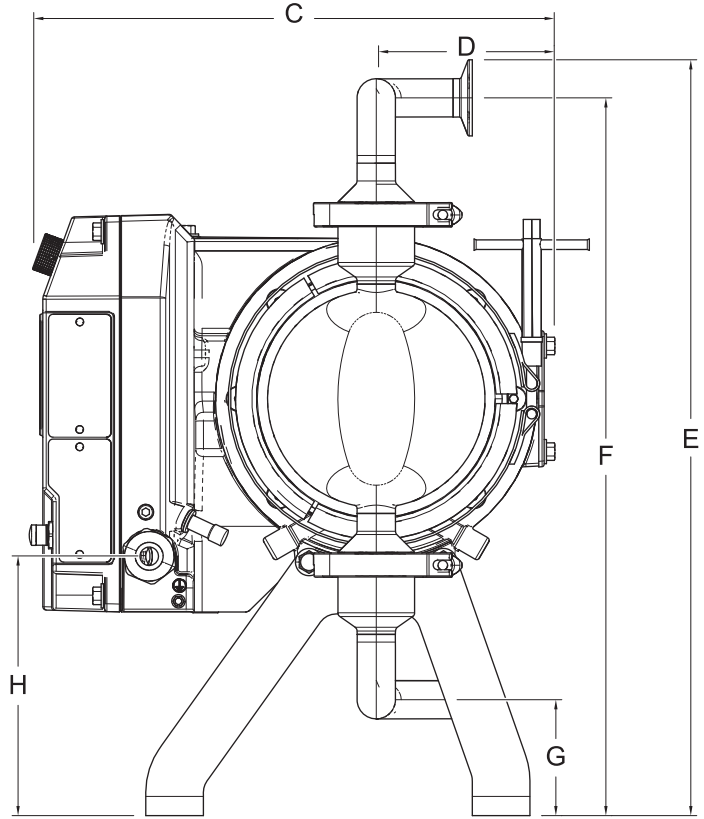
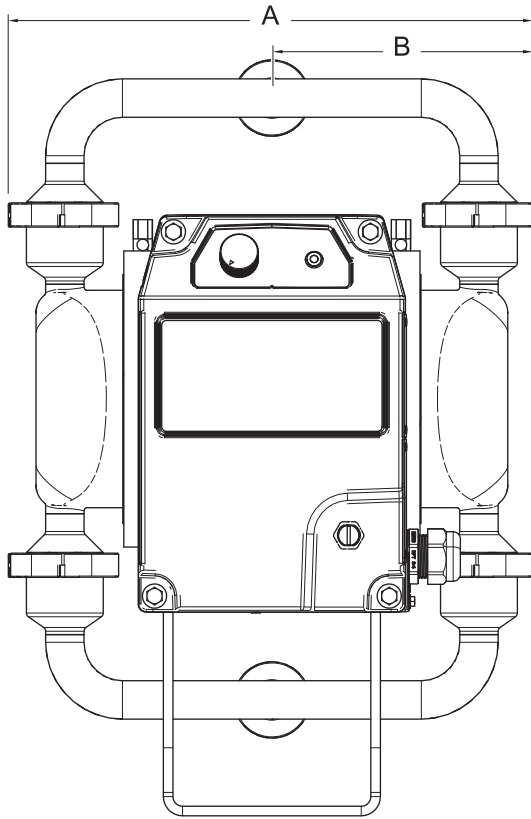
Type	Flux-Core drive
Speed	50Hz / 60 Hz
Voltage	1-ph 230V, AC
Maximum Amperage Load	10 A (230V)
IP Rating	IP66
Control	Local + Remote (4-20mA)

## Performance Chart



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

## Dimensions for SPE-Q-h30 Model with Metal Wetted Section



Dimensions for h30 (QHC) Model with Metal Wetted Section Material		
Ref.	FG	HS, PH, 3A
	cm	cm
A	41.40	37.34
B	---	18.67
C	34.53	34.54
D	11.18	23.11
E	40.90	49.99
F	38.40	47.45
G	5.08	7.67
H	10.77	17.15
J	12.70	21.59
K	18.67	9.53