

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 (Dead-Head operation)
- 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)

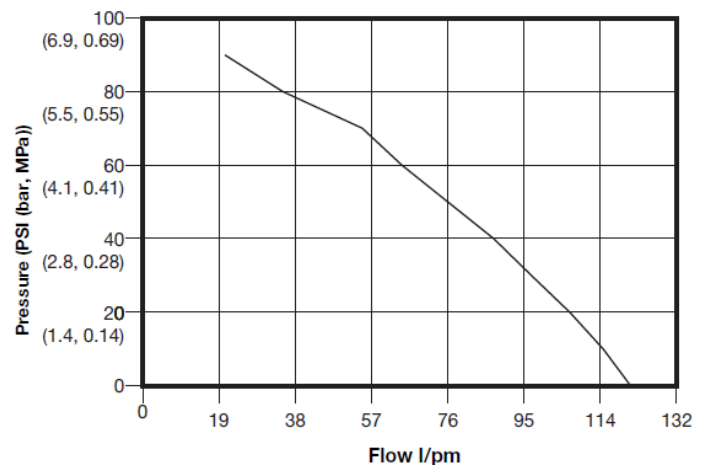
Material of Construction	Stainless Steel
Connection Size	1 in (25.4 mm)
Fluid Inlet and outlet Size	1 in BSPT
Motor	AC
Power	230V
Maximum Flow Rate	114 lpm
Maximum Discharge Pressure	6.9 bar
Center Section	Aluminium
Pump Weight	36 kg
Maximum Solids	3.2 mm
Maximum suction lift*	Wet: 8.8 m; Dry: 2.4 m
Seats	Santoprene
Ambient air temperature range for operation	-20 degC to 40 degC
Balls	Santoprene
Diaphragm	Santoprene
Configuration	End-port
Maximum Fluid Operating Temperature	82 °C
Hazardous location approved	Available on request

\* May vary based on pump materials, suction condition, discharge head, pressure, and fluid type.

## Technical Specifications (Motor)

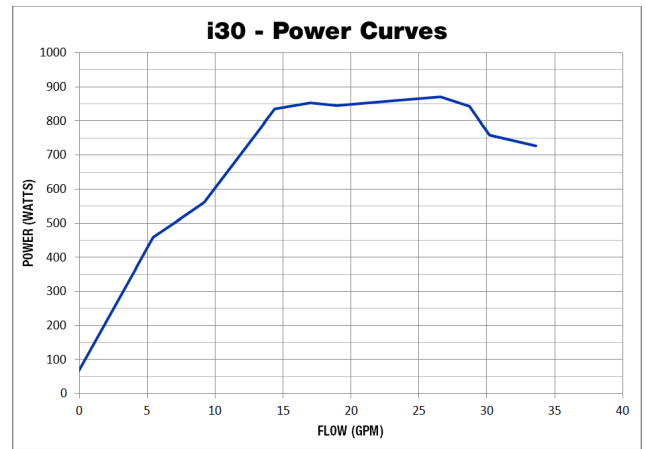
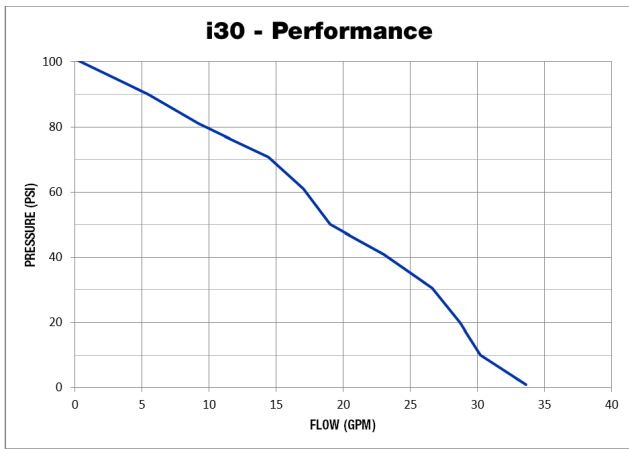
Type	Flux-Core drive
Speed	50Hz / 60 Hz
Voltage	1-ph 230V
Maximum Amperage Load	10 A (230V)
IP Rating	IP66
Control	Local + Remote (4-20mA)

## Performance Chart



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

SPE-Q-i30 Model Dimensions, Performance & Power



**ALUMINUM**

DIM REF.	IN	CM
A	14.70	37.34
B	7.35	18.67
C	13.25	33.66
D	4.57	11.61
E	15.94	40.49
F	14.44	36.68
G	1.76	4.47
H	3.70	9.40
J	5.00	12.70
K	5.50	13.97

WEIGHT	
62 lb	28.1 kg

**STAINLESS STEEL & HASTELLOY**

DIM REF.	IN	CM
A	13.90	35.31
B	6.58	16.71
C	13.25	33.66
D	4.57	11.61
E	13.70	64.80
F	12.90	32.77
G	1.10	2.79
H	2.20	5.59
J	5.00	12.70
K	5.50	13.97

WEIGHT	
79 lb	35.8 kg

**POLYPROPYLENE, CONDUCTIVE POLYPROPYLENE & PVDF**

DIM REF.	IN	CM
A	15.20	38.61
B	8.00	20.32
C	13.25	33.66
D	4.57	11.61
E	17.80	45.21
F	15.70	39.88
G	2.50	6.35
H	4.69	11.91
J	5.00	12.70
K	10.42	26.47

WEIGHT	
PP, CP	61 lb / 27.7 kg
PV	67 lb / 30.4 kg

