

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 454 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)**

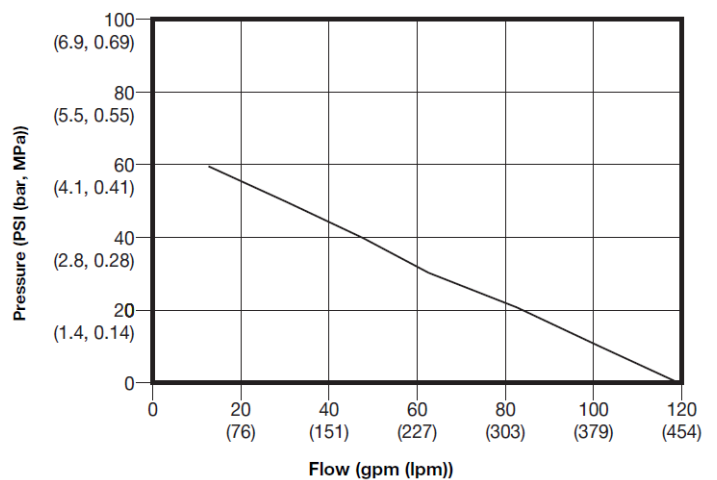
Material of Construction	Conductive Polypropylene
Connection Size	2 in (51 mm)
Fluid Inlet and outlet Size	Flange
Motor	AC
Power	230V
Maximum Flow Rate	454 lpm
Maximum Discharge Pressure	4.1 bar
Center Section	Aluminium
Pump Weight	44.9 kg
Maximum Solids	6.4 mm
Maximum suction lift*	Wet: 4.0 m; Dry: 4.0 m
Seats	Polypropylene
Ambient air temperature range for operation	-20 degC to 40 degC
Balls	PTFE
Diaphragm	PTFE / Santoprene 2-piece
Configuration	End-port
Maximum Fluid Operating Temperature	82 °C
Hazardous location approved	EX II 2 G Ex db IIB T4 Gb

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

**Technical Specifications (Motor)**

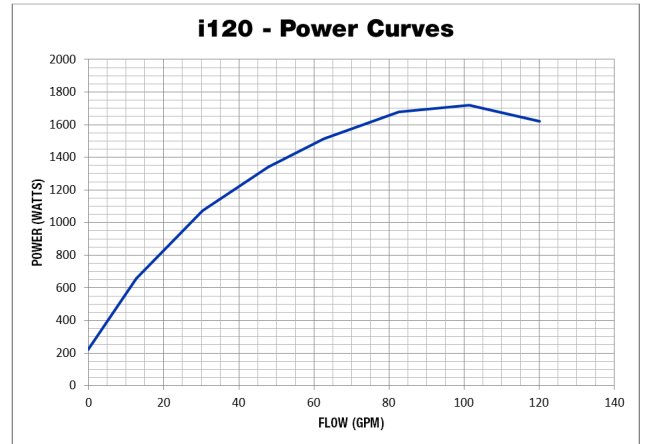
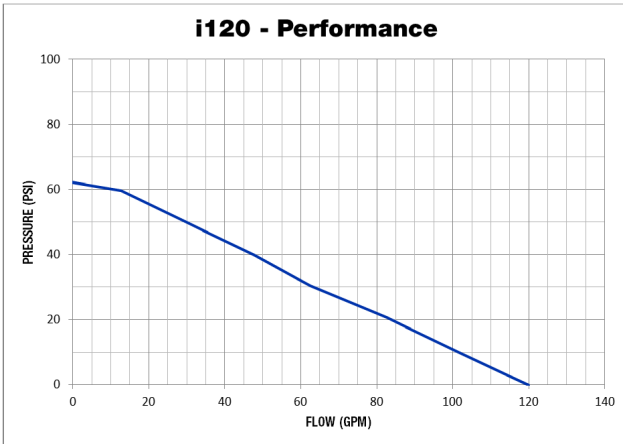
Type	Flux-Core drive
Speed	50Hz / 60 Hz
Voltage	1-ph 230V
Maximum Amperage Load	15 A (230V)
IP Rating	IP66
Control	Local + Remote (4-20mA)

**Performance Chart**



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

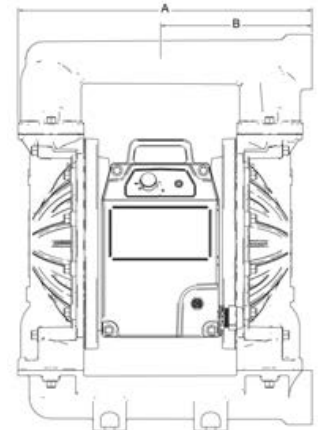
SPE-Q-i120 Model Performance and Power



ALUMINUM PUMPS

DIM REF.	IN	CM
A	17.50	44.45
B	9.00	22.86
C	14.89	37.82
D	6.25	15.88
E	23.60	59.94
F	21.90	55.63
G	2.00	5.08
H	6.72	17.07
J	6.00	15.24
K	6.00	15.24

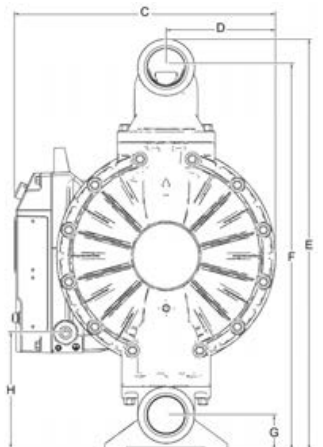
WEIGHT	
99 lb	44.9 kg



STAINLESS STEEL, CAST IRON & HASTELLOY

DIM REF.	IN	CM
A	18.13	46.05
B	9.40	23.88
C	14.89	37.82
D	6.25	15.88
E	26.34	66.90
F	24.79	62.97
G	2.50	6.35
H	9.01	22.89
J	6.00	15.24
K	6.50	16.51

WEIGHT		
SST	162 lb	73.5 kg
CI	165 lb	74.8 kg



POLYPROPYLENE, CONDUCTIVE POLYPROPYLENE & PVDF

DIM REF.	IN	CM
A	19.70	50.04
B	11.00	27.94
C	14.89	37.82
D	6.25	15.88
E	25.70	65.28
F	22.70	57.66
G	3.50	8.89
H	7.53	19.13
J	6.00	15.24
K	6.00	15.24

WEIGHT		
PP, CP	100 lb	45.4 kg
PV	117 lb	53 kg

