



QUANTM™ i120LP

Large Particle, Electrically-Operated
Double Diaphragm Flap-Check Pump

PUMP NEARLY ANYTHING

An efficient transfer solution built for waste
and trash in mines, sumps and in-plant

PROVEN GRACO RELIABILITY

Based on existing diaphragm pump platform

TOOL-FREE MANIFOLD ALIGNMENT

Pin-type connection allows for easy manifold
adjustment and reduces leaks

EFFICIENT ELECTRIC SOLUTION

Integrated electric motor for optimal efficiency



MADE IN THE USA

TRANSFER SOLIDS. BETTER.



The QUANTM i120LP is based on a new highly-efficient electric motor technology. The simple, easy-to-service design is offered for both standard and hazardous locations.



POWDER-COATED FINISH

Graco is the only manufacturer offering powder coat

- Protects your pump in harsh environments

DYNAMIC MANIFOLD CONNECTIONS

Easiest to service in the market

- Manifold pivots 180 degrees
- Easy tool-free adjustment
- Minimize leakage due to over-torque

DURABLE FLAP VALVE

Decreases downtime

- Pass solids up to nearly 2-inches without clogging

HIGH PERFORMANCE

Up to 120 gallons per minute

- 60 psi

DISCOVER THE ADVANTAGES OF GOING ELECTRIC

- Control flow and pressure at the pump
- Integrated I/O port for remote operation
- Eliminate costly compressed air
- Reduce energy consumption by up to 80%



CONTACT US FOR DEMOS OR MORE INFO

Scan the QR code or visit www.graco.com/quantmLP to arrange a live or online demonstration or call **866-348-3188** for more information

QUANTM™ ELECTRIC PUMP

THE POWER YOU EXPECT

SAVE ENERGY, CUT COSTS AND RUN CLEANER

QUANTM isn't just another electric pump: it's a game-changer. QUANTM features a revolutionary electric motor design that will reduce operational costs and keep your production lines running. It is a perfect fit for nearly any fluid application and a drop-in replacement for existing pumping technologies. Protect your bottom line by converting to a QUANTM Electric Pump.

EFFICIENT ELECTRIC DRIVE

- Up to 80% less energy consumption
- Requires no compressed air
- No freezing

INTEGRATED CONTROLS

- Control flow and pressure at the pump
- I/O for remote operation



PROVEN ADD BENEFITS

- Stalls under pressure
- Self-priming
- Dry running
- Handles solids and abrasive materials

PLUG AND PLAY

- Factory wired for quick install
- 120V and 240V options
- Hazardous Location models available

THE SIMPLICITY WILL SURPRISE YOU

The industry of tomorrow isn't expensive, hard-to-learn, and a burden on your team. It's smart, simple, cost-effective, clean and environmentally responsible. We designed QUANTM to be quieter, lighter, more reliable, and easier for anyone in your team to maintain. QUANTM isn't one small step toward a better facility — it's a leap into the future.



**SUSTAINABLE
OPERATIONS**



**OPERATIONAL
RESILIENCE**



**COST
SAVINGS**



**SIMPLIFIED
MAINTENANCE**



Model	QUANTM i30 (1")	QUANTM i80 (1.5")	QUANTM i120 (2")	QUANTM i120LP (2")
Material of Construction	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, PVDF	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, PVDF	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, Cast Iron, PVDF	Aluminum
Pressure	100 psi (7 bar, 0.7 MPa)		60 psi (4 bar, 0.4 MPa)	
Flow	30 gpm (115 lpm)	80 gpm (300 lpm)	120 gpm (450 lpm)	
Voltage	120V single phase		240V 3 phase	



SCAN FOR MORE
INFORMATION

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