



Quantm™ Electric Motor Driven Double Diaphragm Pumps



The Quantm™ Electric Motor Driven Double Diaphragm Pump line from Graco is a leading technology that allows for energy savings and cleaner/eco-friendly operation. The simplistic design is intuitive and delivers a quieter, lighter, and more reliable pumping solution. Pressures up to 100PSI and Flow Rates up to 120GPM. It's a game-changer that is revolutionizing how process plants look at diaphragm pumps. Available in a variety of body materials: Aluminum, Polypropylene, Conductive Polypropylene, 316 Stainless Steel, PVDF, and Cast Iron. Available in variety of seat/seal/ball materials: 316 Stainless Steel, Acetal, Aluminum, Buna-N, FKM (Viton®), Geolast, Polypropylene, Santoprene, TPL (Hytre®)

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, 4-20mA speed control

Proven AODD Benefits

- Stalls in dead-head scenario
- Self-priming
- Run-dry capability
- Handles solids and abrasive materials

Plug & Play

- Factory wired for quick installation
- 120V & 240V options

Hazardous Location models available

- Sanitary models available



ROI Scenario:

The average AODD pump is only 17% efficient. That means 83% of the air produced by your compressor is essentially wasted. This is how approximately 80% savings in energy consumption can be realized by switching to Quantm™. The more AODD pumps in your plant – the greater the savings with Quantm™. Call today for a free ROI calculation on your facility today.

Model	QUANTM i30 (1")	QUANTM i80 (1.5")	QUANTM i120 (2")	QUANTM i120LP (2")
Material of Construction	Aluminum, Polypropylene, Conductive Polypropylene, Hastelloy, 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 (1.15 lpm)	80 gpm (300 lpm)	120 gpm (450 lpm)	
Voltage	120V single phase		240V 3 phase	

Part No.	Description	Model	Body	Seat	Diaphragm	Ball	Power
GY TE30-0086	EODD Pump 1" FPT	i30	316SS	316SS	PTFE/Santo	PTFE	120V/1PH
GY TE30-0007	EODD Pump 1" FPT	i30	Aluminum	Buna	Buna	Buna	120V/1PH
GY TE80-0002	EODD Pump 1.5" Flg	i80	Polypro	Polypro	PTFE	PTFE	240V/3PH
GY TE120-0280	EODD Pump 2" FPT	i120LP*	Aluminum	Buna/SST	Buna	Flapper	240V/3PH
GY TE120-0036	EODD Pump 2" Flg	i120	Polypro	Buna	Buna	Buna	240V/3PH

Other Models/Configurations Available – Call for Details

* 303 SS Flapper instead of ball check



Quantm™ Sanitary/Hygienic Double Diaphragm Pumps



The Quantm™ Sanitary Electric Motor Driven Double Diaphragm Pump line from Graco is a leading technology that allows for energy savings and cleaner/eco-friendly operation. The simplistic design is intuitive and delivers a quieter, lighter, and more reliable pumping solution. It's a game-changer and is revolutionizing how process plants look at diaphragm pumps. Pressures up to 100PSI and Flow Rates up to 120GPM. Available in FDA, or 3A certified options and 125Ra, 32Ra, & 20Ra polish finish options. Sanitary Tri-Clamp or DIN connections. Available in Graco's Overmolded Diaphragm to meet stringent Clean In Place (CIP) requirements.

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, 4-20mA speed control

Proven AODD Benefits

- Stalls in dead-head scenario
- Self-priming
- Run-dry capability
- Handles solids and abrasive materials

Plug & Play

- Factory wired for quick installation
- 120V & 240V options

Hazardous Location models available

- Sanitary models available



ROI Scenario:

The average AODD pump is only 17% efficient. That means 83% of the air produced by your compressor is essentially wasted. This is how approximately 80% savings in energy consumption can be realized by switching to Quantm™. The more AODD pumps in your plant – the greater the savings with Quantm™. Call today for a free ROI calculation on your facility today.

Model	QUANTM h30 (1")	QUANTM h80 (1.5")	QUANTM h120 (2")
Surface Finish	Food Grade (FG - 125 Ra) High Sanitary (HS - 32 Ra) Pharmaceutical (PH - 20 Ra)	Food Grade (FG - 125 Ra) High Sanitary (HS - 32 Ra) Pharmaceutical (PH - 20 Ra) 3A approved (3A - 32 Ra) Flapper (FL - 32 Ra)	Food Grade (FG - 125 Ra) High Sanitary (HS - 32 Ra) Pharmaceutical (PH - 20 Ra)
Pressure	100 psi (7 bar, 0.7 MPa)		60 psi (4 bar, 0.4 MPa)
Flow	30 gpm (1.15 lpm)	80 gpm (300 lpm)	120 gpm (450 lpm)
Voltage	120V single phase, 240V 3 phase		240V 3 phase

Part No.	Description	Body	Diaphragm/Ball	Power
GY HE30-0009	Sanitary EODD Pump, 1" TriClamp, h30, FDA	316LSS, 125Ra	PTFE/Santo†	120V/1PH
GY HE80-0103	Sanitary EODD Pump, 1.5" TriClamp, h80, 3A	316LSS, 32Ra	Santoprene†	240V/3PH
GY HE80-0008	Sanitary EODD Pump, 1.5" TriClamp, h80, FDA	316LSS, 125Ra	Buna†	240V/3PH
GY HE120-0101	Sanitary EODD Pump, 2" TriClamp, h120, 3A	316LSS, 32Ra	PTFE††	240V/3PH

All models have 316LSS Seat

†2-Piece Design ††Overmold Design

More Models and Configurations Available – Call for Details

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