

Hazardous Location Approval	ATEX
Maximum Flow Rate (L/min)	114
Fluid Section Material	Aluminum
Manifold Configuration	End Port
Connection Type	BSPT
Seat Material	316 Stainless Steel
Ball Material	PTFE
Diaphragm Material	PTFE/Santoprene 2-Piece



QUANTM i30, 1"BSPT,
Aluminum Electric Diaphragm
Pump, 240 VAC 1Ph, AL
Center, SS Seat, PT Ball, PS
Diaphragm

Part Number: TE30-0426

Features

The all-aluminum fluid section is specifically designed to be abrasion-resistant while also providing mild corrosion resistance. With up to 8x more continuous torque at low speeds than conventional motors, this general-purpose electric pump is an energy-saving workhorse that is ideal for sump evacuation applications as well as applications involving the evacuation of petroleum products (new and waste oils) and evacuation of solvents. This powerful new pump delivers a higher level of reliability to minimize downtime while the plug-and-play design makes it easy to drop into any production line without additional investment or infrastructure rework. Not for use with halogenated hydrocarbons.

- Revolutionary Design
 - Replace existing air operated pumps with electric pump technology that stalls under pressure and includes AutoPrime feature
 - Compact and efficient electric drive removes the gearbox providing a comparable footprint to a pneumatic diaphragm pump
 - Up to 80% reduction in energy consumption compared to pneumatic pumps, reducing operating costs and providing a quick investment payback
 - Quiet operation reduces plant noise and improves employee safety and health
 - Smart pump control provides more accurate flow set points and built-in I/O

- Efficient Electric Motor
 - Powder-coated aluminum electric drive
 - 240 VAC 1Æ motor with 15 ft flying leads
 - ATEX Ex II 2 G EX dh IIB T4 Gb hazardous location approval
- Materials of Construction
 - Aluminum fluid section with BSPT end port
 - Internal components include 316 stainless steel seat, PTFE ball, PTFE/Santoprene 2-piece diaphragm and PTFE manifold o-ring

Optional Accessories

[18F978 - Maintenance Bracket Stand for QUANTM Pump](#)

[25U205 - 2-wheel Cart for QUANTM i30, i80 and i120 pumps](#)

[25V080 - QUANTM Pump Input/Output \(I/O\) Cable](#)

[25F109 - Hazardous Location Leak Sensor Accessory Kit](#)

Specifications & Documents

Technical Specifications		Product Manuals
Fluid Passage Size (in)	1	3A7637
Maximum Ambient Temperature (°F)	104	3A8572
Maximum Fluid Operating Temperature (°C)	82	3A8946
Diaphragm Material	PTFE/Santoprene 2-Piece	
Overall Height (in)	15.94	
Minimum Fluid Operating Temperature (°C)	-40	
Maximum Fluid Operating Temperature (°F)	180	
Fluid Inlet Size (in)	1	
Weight (lb)	62	
Application	Chemical Processing Paints and Coatings Waste Water General Fluid Transfer	

Minimum Fluid Operating Temperature (°F)	-40
Fluid Inlet Thread Gender	Female
Construction	Aluminum 316 Stainless Steel PTFE PTFE/Santoprene 2-Piece
Fluid Inlet Thread Type	BSPT
Center Section Material	Aluminum
Fluid Outlet Size (in)	1
Ball Material	PTFE
Manifold Configuration	End Port
Manifold O-Ring Material	PTFE
Type	Electric Diaphragm Pump
Fluid Outlet Thread Gender	Female
Fluid Passage Size (mm)	25
Connection Type	BSPT
Fluid Outlet Thread Type	BSPT
Seat Material	316 Stainless Steel
Series	i30
Fluid Section	Aluminum, End Port, BSPT
Hazardous Location Approval	ATEX IECEX
Maximum Fluid Pressure (psi)	100
Cord Length (ft)	15
Model	QUANTM
Voltage (V ac)	240 VAC 1Ph
Fluid Section Material	Aluminum
Motor Type	Electric Drive
Maximum Solid Size (in)	0.125
Maximum Amperage (A)	10
Maximum Flow Rate (GPM)	30

APPLICATION FAST SET

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