



Hazardous Location Approval	None
Maximum Flow Rate (L/min)	114
Fluid Section Material	Polypropylene
Manifold Configuration	End Flange
Connection Type	Flange
Seat Material	Polypropylene
Ball Material	Santoprene
Diaphragm Material	Santoprene



QUANTM i30, 1"Flange,
Polypropylene Electric
Diaphragm Pump, 240 VAC
1Ph, AL Center, PP Seat, SP
Ball, SP Diaphragm

Part Number: TE30-0269

Features

Designed with a chemical-resistant polypropylene fluid section that provides high corrosion resistance, this groundbreaking electric pump is built to efficiently handle fluid transfer applications involving most chemicals and detergents, sump evacuation applications, as well as applications involving high and low pH materials. With up to 8x more continuous torque at low speeds than conventional motors, 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.

- 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 cord and IEC 60320-C14 plug
 - Non-hazardous
- Materials of Construction
 - Polypropylene fluid section with end flange
 - Internal components include Polypropylene seat, Santoprene ball, Santoprene diaphragm and PTFE manifold o-ring

Optional Accessories

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

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

[25F108 - Standard Location Leak Sensor Accessory Kit](#)

Specifications & Documents

Technical Specifications

Fluid Passage Size (in)	1
Maximum Ambient Temperature (°F)	104
Maximum Fluid Operating Temperature (°C)	66
Diaphragm Material	Santoprene
Overall Height (in)	17.8
Minimum Fluid Operating Temperature (°C)	0
Maximum Fluid Operating Temperature (°F)	150
Fluid Inlet Size (in)	1
Weight (lb)	61
Application	Chemical Processing Paints and Coatings Waste Water General Fluid Transfer

Product Manuals

[3A7637](#)

[3A8572](#)

[3A8946](#)

Minimum Fluid Operating Temperature (°F)	32
Fluid Inlet Thread Gender	Flange
Construction	Polypropylene Santoprene PTFE
Fluid Inlet Thread Type	Flange
Center Section Material	Aluminum
Fluid Outlet Size (in)	1
Ball Material	Santoprene
Manifold Configuration	End Flange
Manifold O-Ring Material	PTFE
Type	Electric Diaphragm Pump
Fluid Outlet Thread Gender	Flange
Fluid Passage Size (mm)	25
Connection Type	Flange
Fluid Outlet Thread Type	Flange
Seat Material	Polypropylene
Series	i30
Fluid Section	Polypropylene, End Flange
Hazardous Location Approval	None
Maximum Fluid Pressure (psi)	100
Cord Length (ft)	15
Model	QUANTM
Voltage (V ac)	240 VAC 1Ph
Fluid Section Material	Polypropylene
Motor Type	Electric Drive
Maximum Solid Size (in)	0.125
Maximum Amperage (A)	10
Maximum Flow Rate (GPM)	30