

ELECTRIC DOUBLE DIAPHRAGM · 2 IN · NO COMPRESSED AIR

QUANTM i120

An electric diaphragm pump that keeps the strengths of an air pump (stalls under pressure, self-priming, runs dry, handles solids) without compressed air. Up to 80% lower energy use than an air operated pump.

**Up to 80%**

Less energy than air operated

454 L/min

Maximum flow rate

4.14 bar

Maximum fluid pressure

Features

- Flow and pressure controlled at the pump, with I/O for remote operation
- Factory wired: 240 V single phase or 415 V three phase
- Stalls under pressure, self-priming, runs dry
- Drop-in replacement for an existing air pump
- Performance figures from the TE120-1310 build



PUBLISHED FIGURES

Technical specifications

Builds listed in the guide. Phase and maximum pressure shown per build.

Specifications

SPECIFICATION	VALUE
Maximum flow rate	454 L/min
Maximum fluid pressure	4.14 bar (60 psi)
Maximum solid size	6.4 mm
TE120-1309	3 phase, 60 psi, polypropylene end flange; seats Poly, balls PTFE, diaphragm PTFE
TE120-1310	3 phase, 60 psi, polypropylene end flange; seats Poly, balls Santoprene, diaphragm Santoprene
TE120-1403	3 phase, 60 psi, PVDF end flange; seats PVDF, balls PTFE, diaphragm PTFE
TE120-1035	3 phase, 60 psi, aluminium BSP; seats Stainless, balls PTFE, diaphragm PTFE
TE120-1032	3 phase, 60 psi, aluminium BSP; seats Geolast, balls Geolast, diaphragm Geolast
TE120-1229	3 phase, 60 psi, stainless steel BSP; seats Stainless, balls PTFE, diaphragm PTFE

● NON-HAZARDOUS LOCATION

Aluminium builds listed here are for non-hazardous locations. Verify elastomer and manifold compatibility with the fluid before ordering.





PART NUMBERS

Ordering information

Quote the part number when ordering. Prices, stock and delivery times from GO Industrial on 07 3204 2240 or sales@goind.com.au.

Models and parts

PART NUMBER	DESCRIPTION
TE120-1309	3 phase, polypropylene end flange. Chemicals needing PTFE
TE120-1310	3 phase, polypropylene end flange. Chemicals, longest diaphragm life
TE120-1403	3 phase, PVDF end flange. Chemicals needing PVDF/PTFE
TE120-1035	3 phase, aluminium BSP. Non-hazardous, general transfer
TE120-1032	3 phase, aluminium BSP. Non-hazardous, oils and diesel
TE120-1229	3 phase, stainless steel BSP. Extreme chemical resistance

• ORDERING

GO Industrial supplies the full range Australia-wide. Call 07 3204 2240 or email sales@goind.com.au with the part number for price and delivery.

