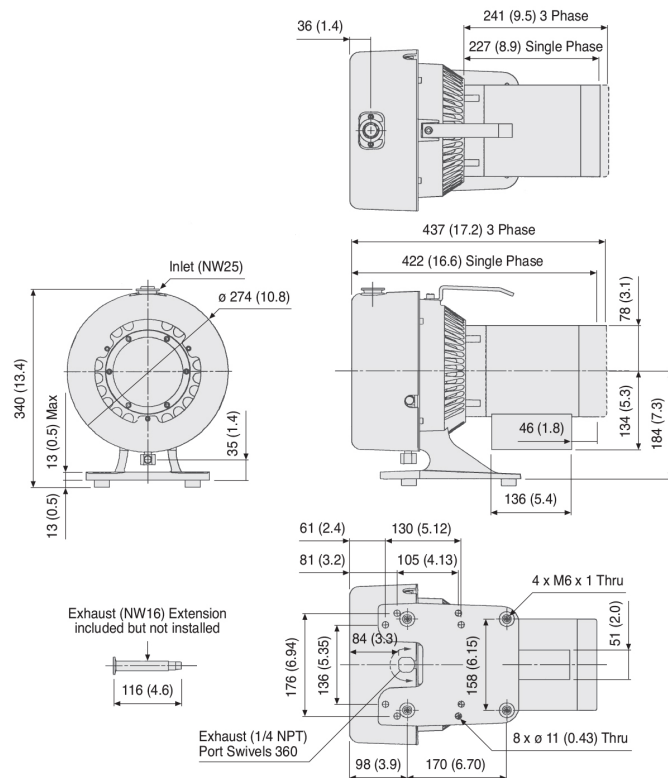


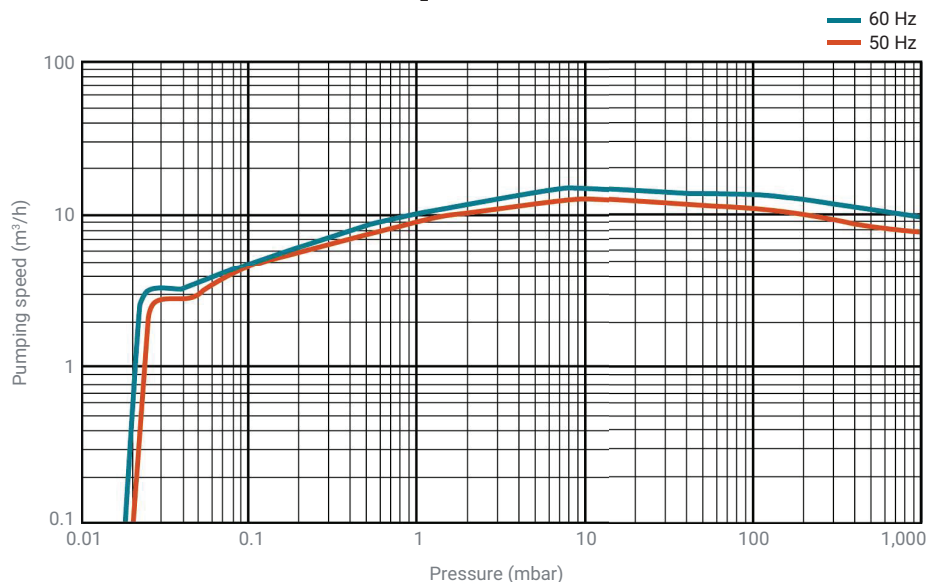
Agilent TriScroll 300



The TriScroll series is a range of two-stage dry scroll pumps that have high pumping speeds and low base pressure. TriScroll pumps eliminate the frequent maintenance requirements of oil-sealed rotary vane pumps, simplifying regulatory and environmental compliance, and eliminating oil disposal costs. The unique, patented TriScroll pump offers proven reliability and durability, delivering consistent performance and superior cost of ownership.

- Two stage TriScroll design provides high pumping speeds and low ultimate pressure
- Long-life tip seals routinely last more than a year before replacement
- Bearing purge port maximizes bearing life in high water vapor applications
- Automatic air ballast manages water vapor without reducing pumping speed

TriScroll 300 pumping speed: air/N₂



Technical specifications

Pumping Speed	60 Hz: 250 L/m, 15 m³/h, 8.8 cfm 50 Hz: 210 L/m, 12.6 m³/h, 7.4 cfm
Ultimate Pressure	1.3×10^{-2} mbar (1.0×10^{-2} Torr)
Maximum Inlet Pressure	1.0 atm (1.0 psig)
Maximum Outlet Pressure	1.1 atm (1.5 psig)
Inlet Connection	NW25
Exhaust Connection	1/4-inch female NPT with swivel (NW16 adapter provided)
Gas Ballast	1/4-inch female NPT (shipped with 40 µm filter installed; port plug also provided)
Operating Voltages	1Ø models: 50 to 60 Hz/100 to 115, 200 to 230 VAC 3Ø models: 50 Hz/200 to 230, 380 to 415 VAC; 60 Hz/200 to 230, 460 VAC
Weight	Pump only: 26.4 kg (58 lb) Shipping weight 34.2 kg (75 lb)
Certification	CE, CSA, and RoHS

Note: Scroll pumps are not suitable for pumping corrosive, explosive, or particulate-forming gases.

Ordering information

Description	Part Number
TriScroll 300 dry scroll vacuum pump, 1Ø motor, U.S. cord	PTS03001UNIV
TriScroll 300 dry scroll vacuum pump, 1Ø motor, Euro cord	PTS03001UNIVEU
TriScroll 300 dry scroll vacuum pump, 1Ø motor, UK cord	PTS03001UNIVUK
TriScroll 300 dry scroll vacuum pump, 3Ø motor	PTS03003UNIV
TriScroll 300, 1Ø, with vacuum isolation valve (VPI), 120 V	PTS03001UVPI
TriScroll 300, 1Ø, with VPI, 220 V, EU power cord	PTS03001UVPIEU
TriScroll 300, 1Ø, with VPI, 220 V, UK power cord	PTS03001UVPIUK
TriScroll 300, 3Ø, with VPI, 200 V	PTS03003200VPI
TriScroll 300, 3Ø, with VPI, 230 V	PTS03003230VPI
TriScroll 300, 3Ø, with VPI, 380/415 V	PTS03003380415VPI
TriScroll 300, 3Ø, with VPI, 460 V	PTS03003460VPI
TriScroll 300 exhaust extension	S4707002
Accessories	
Exhaust silencer kit for TriScroll	EXSLRTRISROLL
Vibration isolation kit for TriScroll	PTSVIBISOKIT
NW25 inlet trap with HEPA filter insert	SCRINTRPNW25
Replacement HEPA inlet filter	REPLHEPAFILTER1
Exhaust filter kit, TriScroll 300	PTS300EXFIL
Replacement HEPA exhaust filter	110420110
Purge kit for TriScrolls	PTSPURGEKIT
VPI Valve NW25 120 VAC	VPI251205060
VPI Valve NW25 220 VAC	VPI252205060
Maintenance/Service Parts	
TriScroll 300 exhaust extension	S4707002
TriScroll 300 maintenance kit	PTSS0300MK
TriScroll 300/600 maintenance tool kit	PTSS0600TK
TriScroll 300 replacement tip seal kit	PTSS0300TS
TriScroll 300/600 tip seal tool kit	PTSTSTKIT
TriScroll 300/600 3Ø cable kit	S4789001

www.agilent.com/en/product/vacuum-technologies/dry-scroll-pumps

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