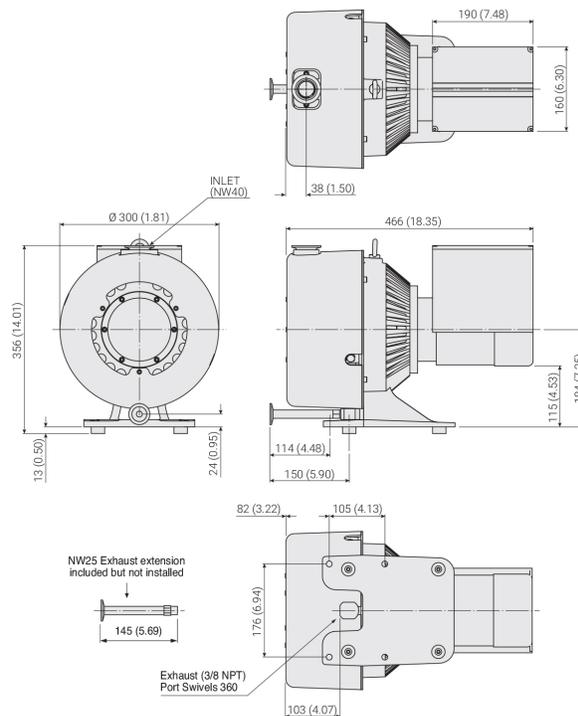


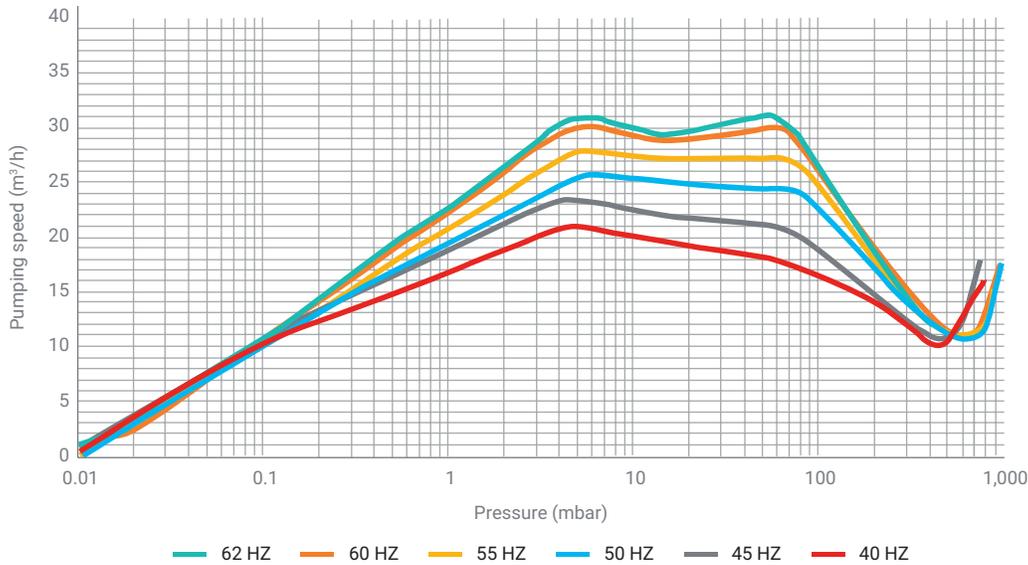
Agilent TriScroll 600 Inverter



TriScroll Inverter pumps apply the benefits of frequency inverter technology to the performance of Agilent TriScroll dry primary vacuum pumps. TriScroll pumps eliminate the frequent maintenance requirements of oil-sealed rotary vane pumps, simplifying regulatory and environmental compliance, and eliminating oil disposal costs.

- Constant pumping speed worldwide regardless of line frequency
- Optimal pumping speed selection, adjusting the rotational speed of the pump, using RS-232 or 0 to 10 V control signal
- Monitoring of pump parameters using serial interface
- Remote start/stop with a contact closure made possible by a standard D-shell connector
- Optimal rotational speed selection reduces noise and vibration levels in the work area, with little loss in base pressure performance of the pump

TriScroll 600 inverter pumping speed - air/N₂



Technical specifications

Pumping Speed	60 Hz: 500 L/m 30 m ³ /h, 17.7 cfm (at 60 Hz drive frequency, variable)
Ultimate Pressure	9.3 × 10 ⁻³ mbar (7.0 × 10 ⁻³ Torr)
Maximum Inlet Pressure	1.0 atm (0 psig)
Maximum Outlet Pressure	1.1 atm (1.5 psig)
Inlet Connection	NW40
Exhaust Connection	3/8-inch female NPT with swivel (NW25 adapter provided)
Gas Ballast	1/4-inch female NPT (shipped with 40 µm filter installed; port plug also provided)
Operating Voltages	200 to 240 V, 1Ø, 50/60 Hz
Maximum Line Current	200 V; 5 A 240 V; 4.2 A
Weight	Pump only: 31 kg (68 lb) Shipping weight 39 kg (85 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 600 dry scroll vacuum pump, 1Ø, 200 to 240 V	PTS06001 INV
Power Cord Selection	
Europe, 10 A/220 to 230 V, 2.5 m	656494220
Denmark, 10 A/220 to 230 V, 2.5 m	656494225
Switzerland, 10 A/230 V, 2.5 m	656494235
UK/Ireland, 13 A/230 V, 2.5 m	656494250
India, 10 A/220 to 250 V, 2.5 m	656494245
Israel, 10 A/230 V, 2.5 m	656494230
North America, 10 A/230 V, 2.5 m	656494255
Accessories	
Exhaust silencer kit for TriScroll	EXSLRTRISCROLL
Vibration isolation kit for TriScroll	PTSVIBISOKIT
NW40 inlet trap with HEPA filter insert	SCRINTRPNW40
Replacement HEPA inlet filter	REPLHEPAFILTER1
Exhaust filter kit, TriScroll 600	PTS600EXFIL
Replacement HEPA exhaust filter	110420110
Purge kit for TriScrolls	PTSPURGEKIT
VPI Valve NW40 120 VAC	VPI401205060
VPI Valve NW40 220 VAC	VPI402205060
Maintenance/Service Parts	
TriScroll 300 exhaust extension	S4707002
TriScroll 600 maintenance kit	PTSS0600MK
TriScroll 300/600 maintenance tool kit	PTSS0600TK
TriScroll 600 replacement tip seal kit	PTSS0600TS
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

DE44236.5756365741

This information is subject to change without notice.

© Agilent Technologies, Inc. 2021
Printed in the USA, February 11, 2021
5994-2927EN