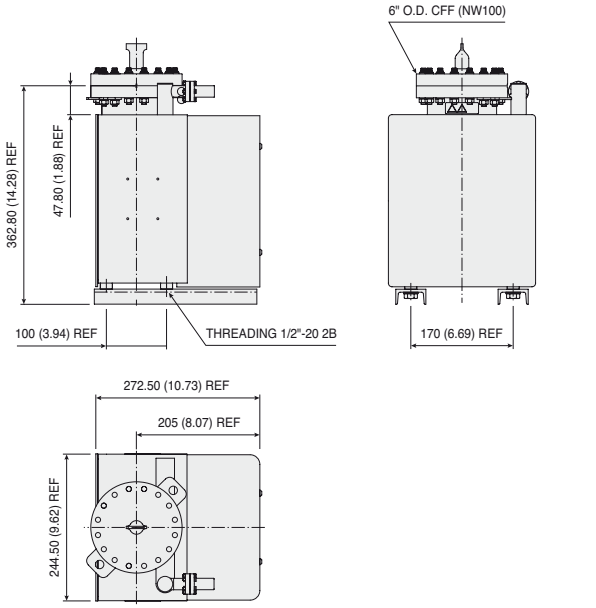
Agilent Vaclon *Plus* 150





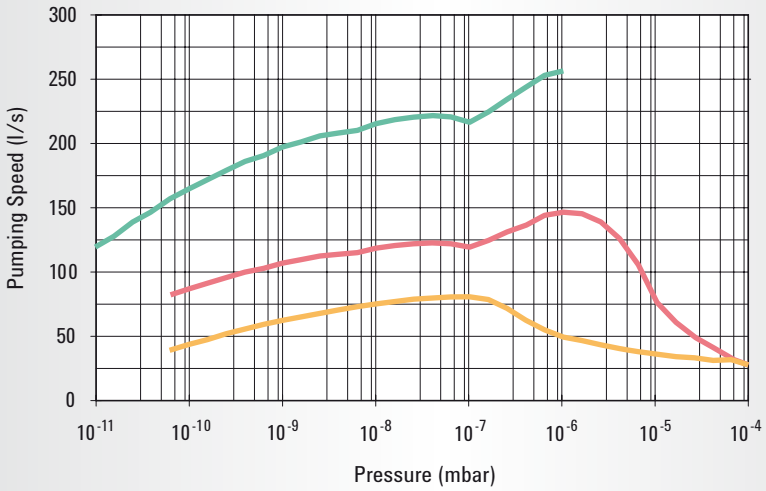
Dimensions: millimeters (inches)

Technical Specifications

	StarCell	Noble Diode	Diode
Nominal pumping speed for Nitrogen (*) (l/s)	125	135	150
Operating life at $1x10^{-6}$ mbar (hours)	80,000	50,000	50,000
Maximum starting pressure (mbar)	≤ $5x10^{-2}$	≤ $1x10^{-3}$	≤ $1x10^{-3}$
Ultimate pressure		Below 10^{-11}	
Inlet flange		6" CFF (NW 100) AISI 304 ESR	
Maximum baking temperature (°C)		350	
Weight, kg (lbs)		43 (94)	

(*) *Tested according to ISO/DIS 3556-1-1992*

VacIon *Plus* 150 - Pumping Speed vs Pressure



Ordering Information

Description		Part Number
Pumps		
Diode		9191510
Diode with heaters installed	120 V	9191511
Diode with heaters installed	220 V	9191512
Diode double-ended		9191550
Diode double-ended with heaters installed	120 V	9191551
Diode double-ended with heaters installed	220 V	9191552
StarCell		9191540
StarCell with heaters installed	120 V	9191541
StarCell with heaters installed	220 V	9191542
StarCell double-ended		9191580
StarCell double-ended with heaters installed	120 V	9191581
StarCell double-ended with heaters installed	220 V	9191582

Noble Diode versions available on request

4UHV Controller	
120 W negative	9299100
120 W positive	9299101
200 W neg	9299010
200 W pos	9299011
2 x 80 W neg	9299200
2 x 80 W pos	9299201
2 x 200 W neg	9299020
2 x 200 W pos	9299021
1 x 200 W pos & 1 x 200 W neg	9299022
4 x 80 W neg	9299400
4 x 80 W pos	9299401
2 x 80 W pos & 2 x 80 W neg	9299402

Description	Part Number
4UHV Controller (cont'd)	
2 x 80 W neg & 1 x 200 W neg	9299210
2 x 80 W pos & 1 x 200 W pos	9299211
2 x 80 W pos & 1 x 200 W neg	9299212
2 x 80 W neg & 1 x 200 W pos	9299213
HV Cables	
HV Bakeable cable, radiation resistant, 4 m (13 ft.) long, with interlock	9290705
HV Bakeable cable, radiation resistant, 7 m (23 ft.) long, with interlock	9290707
HV Bakeable cable, radiation resistant, 10 m (33 ft.) long, with interlock	9290708
HV Bakeable cable, radiation resistant, 20 m (66 ft.) long, with interlock	9290709
Replacement Parts	
HV Feedthrough with interlock	9595125
Pumping element* Diode	9199040
Pumping element* Noble Diode	9199045
Pumping element* StarCell	9199030
Heaters** (Input Power 480 W) 120 V	9190073
Heaters** (Input Power 480 W) 220 V	9190072

* *Quantity required: 2.*

** *To order heaters for replacement or upgrading of existing pumps, please contact your local Agilent Vacuum Technologies representative.*

Diode, Noble Diode	positive
StarCell, Triode	negative

(see page 42)