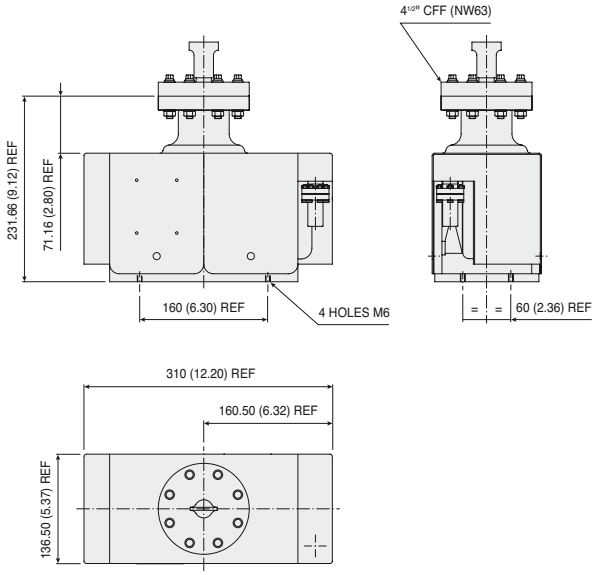
Agilent VacIon *Plus* 55





Dimensions: millimeters (inches)

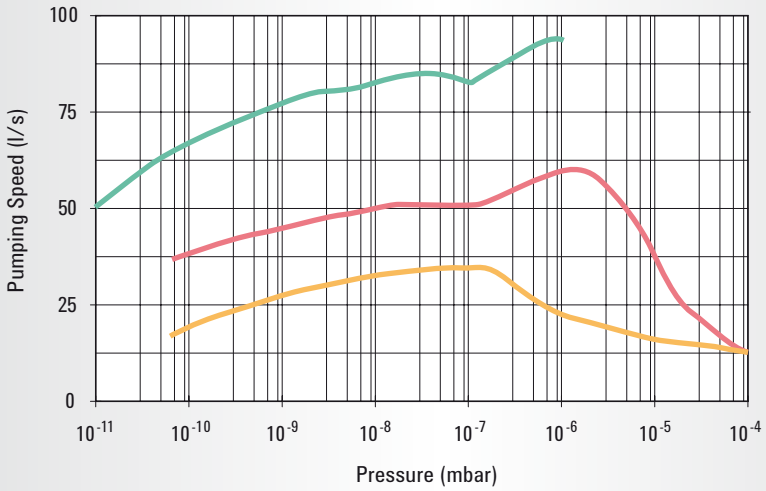
Technical Specifications

	StarCell	Noble Diode	Diode
Nominal pumping speed for Nitrogen (*) (l/s)	50	53	55
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		4 ¾" CFF (NW 63) AISI 304 ESR SST	
Maximum baking temperature (°C)		350	
Weight, kg (lbs)		18 (39)	

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

SEM version available on request

VacIon *Plus* 55 - Pumping Speed vs Pressure



Ordering Information

Description	Part Number
Pumps	
Diode	9191310
Diode with additional 2 ¾" CFF port	9191313
Diode without magnets	9191314
StarCell	9191340
StarCell with additional 2 ¾" CFF port	9191343
StarCell without magnets	9191344

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
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

Description		Part Number
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
Heaters*/** (Input Power 250 W)	120 V	9190071
Heaters*/** (Input Power 250 W)	220 V	9190070

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

*** cCSAus marked version available on request.*

Diode, Noble Diode	positive
StarCell, Triode	negative

(see page 42)