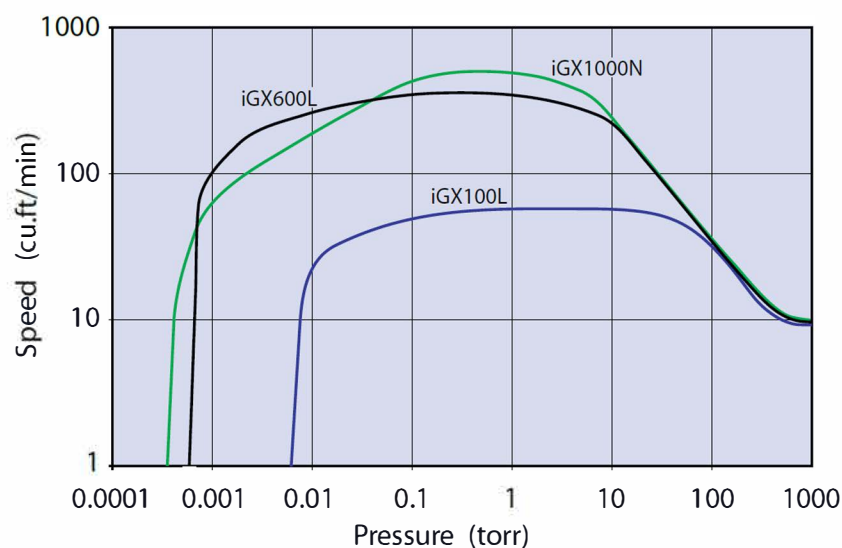


Edwards iGX-100, 600, 1000

Technical Specifications

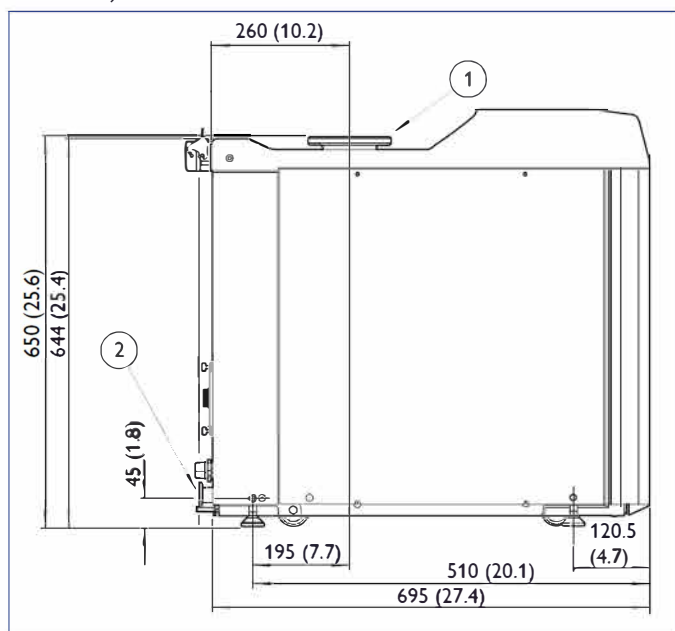
	iGX	100	600	1000
Performance				
Peak speed	m ³ h ⁻¹	105	620	800
	cfm	62	365	471
	l min ⁻¹	1750	10333	13333
Ultimate pressure	mbar	5.00E ⁻⁰³	7.00E ⁻⁰⁴	1.00E ⁻⁰³
	torr	3.75E ⁻⁰³	5.25E ⁻⁰⁴	7.50E ⁻⁰⁴
	Pa	0.50	0.07	0.10
Power at 700 torr exhaust				
Ultimate	kW	1.0	1.6	1.6
Green Mode	kW	0.05	0.05	0.05
Water*				
Water flow	slm	1.0	2.0	2.0
Nitrogen				
L variant	slm	0	0	N/A
N variant	slm	4 to 39	4 to 39	4 to 39
M variant	slm	4 to 44	4 to 44	N/A
Installation details				
Footprint (excl. exhaust)	m ²	0.195	0.195	0.195
Weight	Kg	120	220	230
Inlet connection		ISO63	ISO100	ISO100
Outlet connection		NW25	NW25	NW25
Noise at ultimate	dB(A)	<55	<55	<55
* Flow with optional Constant Water Flow Valve fitted				

Edwards iGX-100, 600, 1000



Dimensions

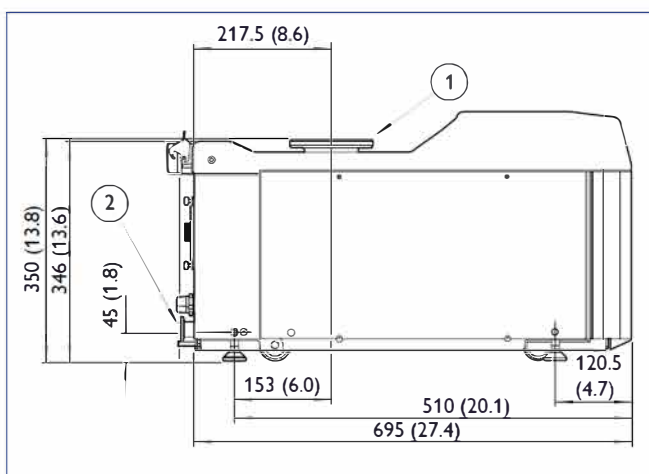
iGX 600, 1000 Side View



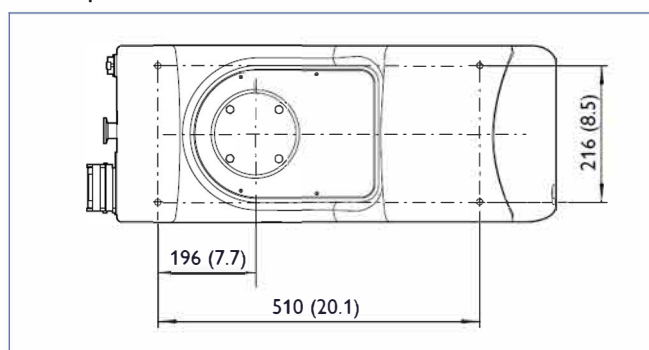
1 Inlet Flange

2 Exhaust Flange

iGX100 Side View



iGX Top View



Edwards iGX-100, 600, 1000

Features & Benefits

- zero maintenance between major overhauls
- continuous pumping duty throughout pressure range
- comprehensive set of networking options
- ethernet connectivity allows key data to be viewed via webpages
- modular design allows users to configure pump to suit individual needs
- compact footprint allows on-tool, close proximity & remote installation
- designed for energy efficiency
- high efficient cooling
- low noise & vibration
- low cost of ownership
- precision ceramic bearings

Applications

- load lock • transfer • metrology • lithography • PVD process • PVD pre-clean • RTA • strip/ashing • oxide etch • silicon etch • metal etch • implant source

