

nXLi AIR COOLED SINGLE PHASE DRY PUMP

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Based on the highly successful iXL product range, Edwards is delighted to introduce the new air cooled nXLi dry pump range. The nXL110i and nXL200i are optimised for LCMS and ICPMS duties capable of handling gas loads of up to 25 slm.



FEATURES AND BENEFITS

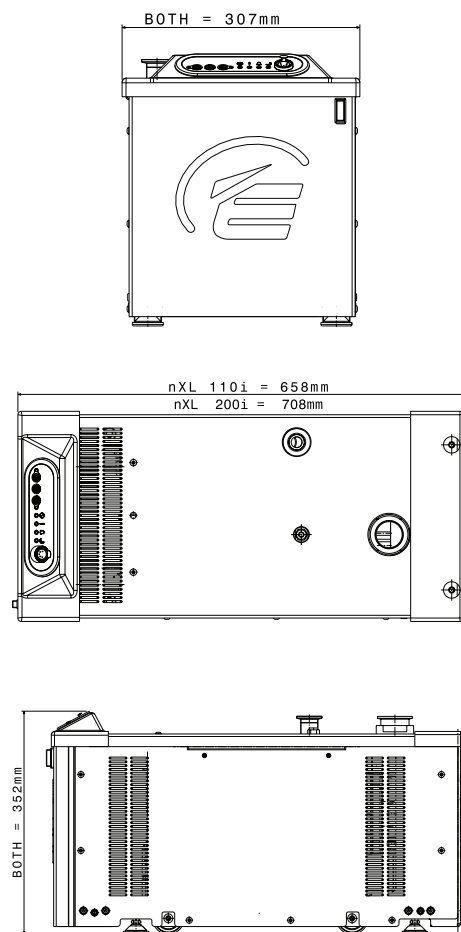
- Single phase, air cooled and quiet
- 110 m³h⁻¹ and 200 m³h⁻¹ models optimised for LCMS and ICPMS inlet duty
- nXLi can also be used on chambers up to 100 litres, at continuous inlet pressures up to 15 mbar with occasional pump down
- Flexibility of control – manual, remote contact closure and RS485 serial communication
- Based on field proven iXL range for peace of mind
- Compact footprint
- Maintenance free for extended operation
- Built-in exhaust valve for anti-suck-back protection

TECHNICAL DATA

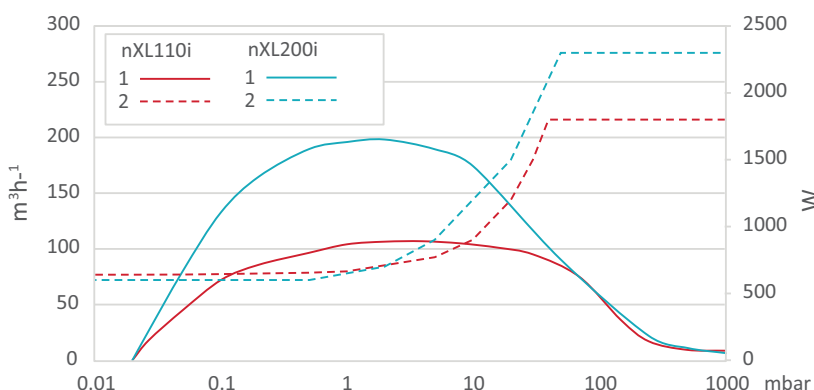
	Units	nXL110i	nXL200i
Pumping speed (pneuop 6602)	m ³ h ⁻¹	110	200
Ultimate vacuum (total pressure)	mbar	<2 x 10 ⁻²	
Inlet flange		NW40	
Outlet flange		NW40 / NW50	
Maximum permitted outlet pressure	bar gauge/psig	0.5 / 7.0	
Operating temperature range	°C	10 - 40	
Nominal rotational speed	rpm	9000	
Power connector 1-ph		IEC EN60320 C19	
Mains voltage	V	200 - 240 (+/- 10%)	
Power at typical application condition (2 - 10 mbar)	kW	0.7 - 0.9	
Flow at typical application condition	slm	3 - 15	6 - 22
Leak tightness	mbar ls ⁻¹	1.0 x 10 ⁻⁵	
Weight	kg	75	81
Noise (pressure)	dB(A)	56.7	
Vibration at inlet flange	mms ⁻¹ (rms)	<2.5	

*Alternative connections available upon request

DIMENSIONS – MM



PERFORMANCE GRAPH



	nXL110i	nXL200i
Pumping Speed	—	—
Power	- - -	- - -

GLOBAL CONTACTS

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Edwards Ltd, registered in England and Wales
No. 6124750, registered office: Innovation Drive,
Burgess Hill, West Sussex, RH15 9TW, UK.

EMEA

UK	+44 1444 253 000 (local rate) 08459 212223
Belgium	+44 1293 60 3350
France	+33 1 4121 1256
Germany	0800 000 1456
Italy	+ 39 02 48 4471
Israel	+ 972 8 681 0633
Russia	+7 495 933 55 50 Ext. 1800/1803 +8 800 775 80 99

ASIA PACIFIC

China	+86 400 111 9618
India	+91 20 4075 2222
Japan	+81 47 458 8836
Korea	+82 31 716 7070
Singapore	+65 6546 8408
Taiwan	+886 3758 1000

AMERICAS

USA	+1 800 848 9800
Brazil	+55 11 3952 5000

