



Edwards EDC series

Technical Specifications

	Nominal displacement		Ultimate vacuum		Noise level	Permissible ambient temperature range		Nominal motor rating	
	m ³ /h	cfm	mbar(a)	Torr	dB(A)	°C	°F	kW	Hp
EDC65 50 Hz	65	38	50	37.5	66	0 to 40	32 to 104	1.8	2.4
EDC65 60 Hz	78	46	50	37.5	66	0 to 40	32 to 104	2.2	2.9
EDC150 50 Hz	150	88	50	37.5	75	0 to 40	32 to 104	3.7	5
EDC150 60 Hz	180	106	50	37.5	78	0 to 40	32 to 104	3.7	6
EDC300 50 Hz	300	176	140	105	77	0 to 40	32 to 104	6.2	8.3
EDC300 60 Hz	360	212	140	105	84	0 to 40	32 to 104	7.5	10
EDC500 50 Hz	500	294	200	150	76	5 to 40	41 to 104	9.2	12.3
EDC500 60 Hz	600	353	200	150	78	5 to 40	41 to 104	11	14.7
EDC1000 50 Hz	950	559	200	150	82	5 to 40	41 to 104	18.5	24.8
EDC1000 60 Hz	1140	671	200	150	85	5 to 40	41 to 104	22	29.5

Pumping speed based on air at 20°C/70°F. Tolerance +/-10%.

Features & Benefits

- innovative construction materials & coatings; corrosion resistant claws
- low cost of ownership, low power consumption
- quiet & efficient operation, with low failure rate over a long lifetime
- easy maintenance; long life bearings & seals
- fast pumping speed, lower continuous vacuum level
- dry, contaminant free pumping chamber
- compact design with small footprint
- variable speed drive compatible
- set-point control

Applications

- steam sterilization • plastic extrusion • wood working • vacuum conveying • pick & place • water & sewage handling • printing & paper converting • medical systems • dairy industry for milking & milk transfer • thermoforming • waste removal



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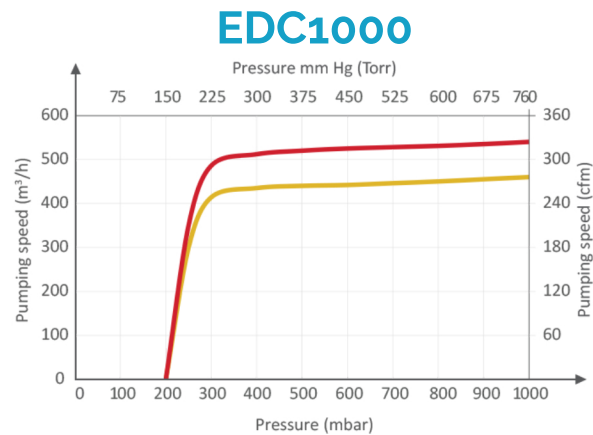
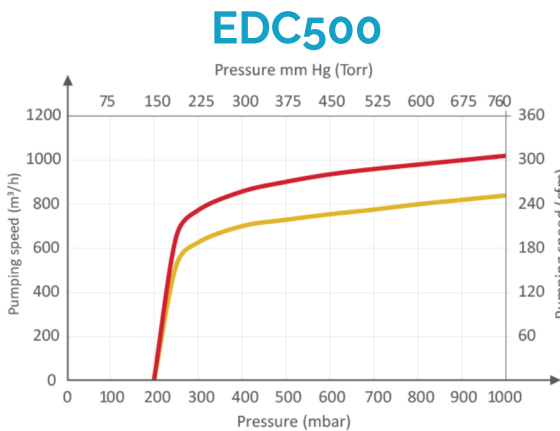
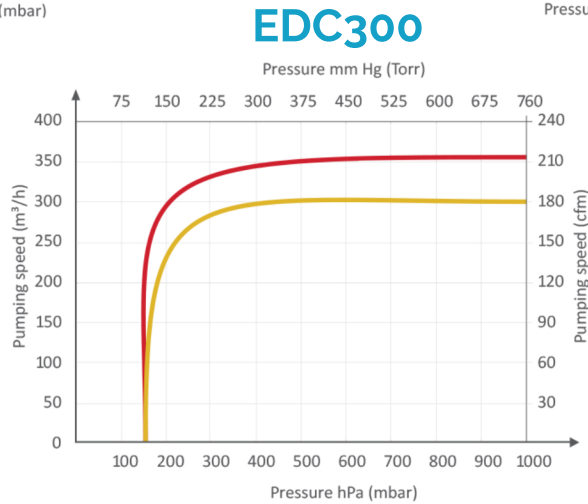
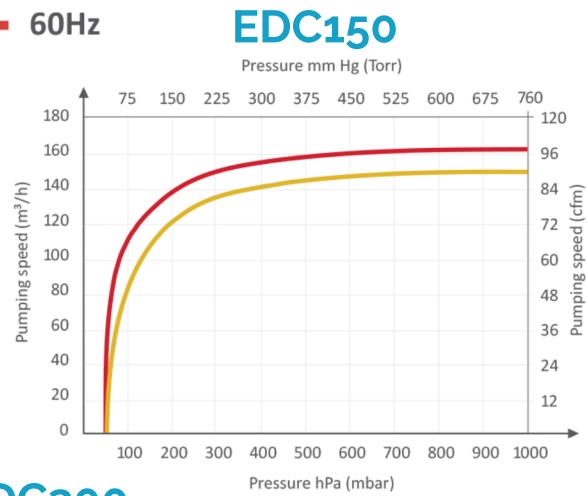
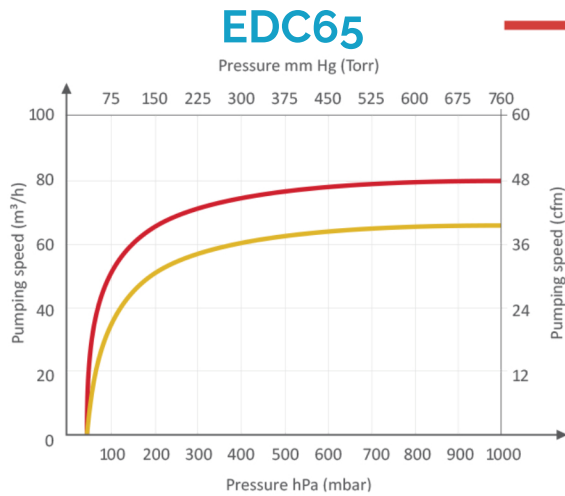
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Edwards EDC series Pumping Curves

50Hz
60Hz





Edwards EDC series

Dimensions

	Length		Width		Height		Inlet connection size	Outlet connection size
	mm	in	mm	in	mm	in	BSP*	BSP*
EDC65	920	36.2	394	15.5	545	21.4	G1 ¼"	G1 ¼"
EDC150	934	36.7	394	15.5	545	21.4	G1 ¼"	G1 ¼"
EDC300	1110	43.7	500	19.6	688	27.0	G2"	G1 ¼"
EDC500 - Bareshaft 50Hz	811	31.9	586	23.0	845	33.2	G3"	G2 ½"
EDC500 - Bareshaft 60Hz	822	32.3	586	23.0	845	33.2	G3"	G2 ½"
EDC1000 - Bareshaft 50Hz	1169	46.0	680	26.7	1274	50.1	DN100 PN6	DN100 PN6
EDC1000 - Bareshaft 60Hz	1169	46.0	680	26.7	1274	50.1	DN100 PN6	DN100 PN6
EDC500 - 400V 50Hz 3Ph IEC	1250	49.2	586	23.0	845	33.2	G3"	G2 ½"
EDC500 - 380V 60Hz 3Ph IEC	1302	51.2	586	23.0	845	33.2	G3"	G2 ½"
EDC500 - 460V 60Hz 3Ph IEC UL	1302	51.2	586	23.0	845	33.2	G3"	G2 ½"
EDC1000 - 400V 50Hz 3Ph IEC	1468	57.7	680	26.7	1240	48.8	DN100 PN6	DN100 PN10
EDC1000 - 380V 60Hz 3Ph IEC	1424	56.0	680	26.7	1274	50.1	DN100 PN6	DN100 PN10
EDC1000 - 460V 60Hz 3Ph IEC UL	1424	56.0	680	26.7	1274	50.1	DN100 PN6	DN100 PN10

