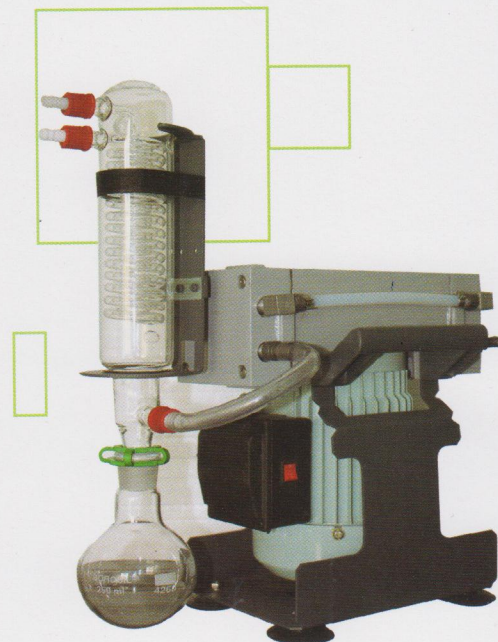


Diaphragm Vacuum Pump AD2C

Chemistry-design diaphragm pumps are an excellent solution for continuous, oil-free pumping of corrosive gases and vapors. Chemically resistant eco-friendly diaphragm pumps are resistant to aggressive solvents and acidic vapors. The two-stage construction provides the advantageous combination of high pumping speed and low ultimate vacuum. The diaphragms and gas contacting parts consist of PTFE, PTFE Compounds, and ceramic compounds. Well-proven PTFE sandwich diaphragms are used for increased reliability and extended operating life. The vacuum processes run more effectively and is reproducible. The additional pressure reduction allows the distillation of gas mixtures almost automatically and without fractionated operation. This pump is our first and most popular chemistry diaphragm pump, and is the heart of ADITYA pumping systems. The new indigenous pump features further improved performance data and superior vapor tolerance



Technical data	Unit	AD 2C
Number of heads / stages		2 / 2
Max. pumping speed at 50/60 Hz	m ³ /h	2.0 / 2.3
Max. pumping speed at 50/60 Hz	cfm	1.2 / 1.4
Ultimate vacuum (abs.)	mbar/torr	9 / 7
Ultim. vac. (abs.) with gas ballast	mbar/torr	14 / 11
Ambient temperature range (operation)	°C	10 – 40
Max. back pressure (EX) (abs.)	bar	1.1
Inlet connection (IN)		Hose nozzle DN 10 mm
Outlet connection (EX)		Hose nozzle DN 10 mm
Rated motor power	kW	0.18
Rated speed at 50/60 Hz	min-1	1440
Dimensions (L x W x H)	mm	243 x 243 x 198
Weight	kg	11.1
Noise level at 50 Hz, typ.	dBA	45
CE mark		Yes
Items supplied		Pump completely mounted, ready for use, with manual

Performance features

- outstanding chemical resistance and superior vapor tolerance
- high performance even at low vacuum levels
- optimized vacuum even with gas ballast
- whisper quiet and low vibration
- long diaphragm life, maintenance-free drive system