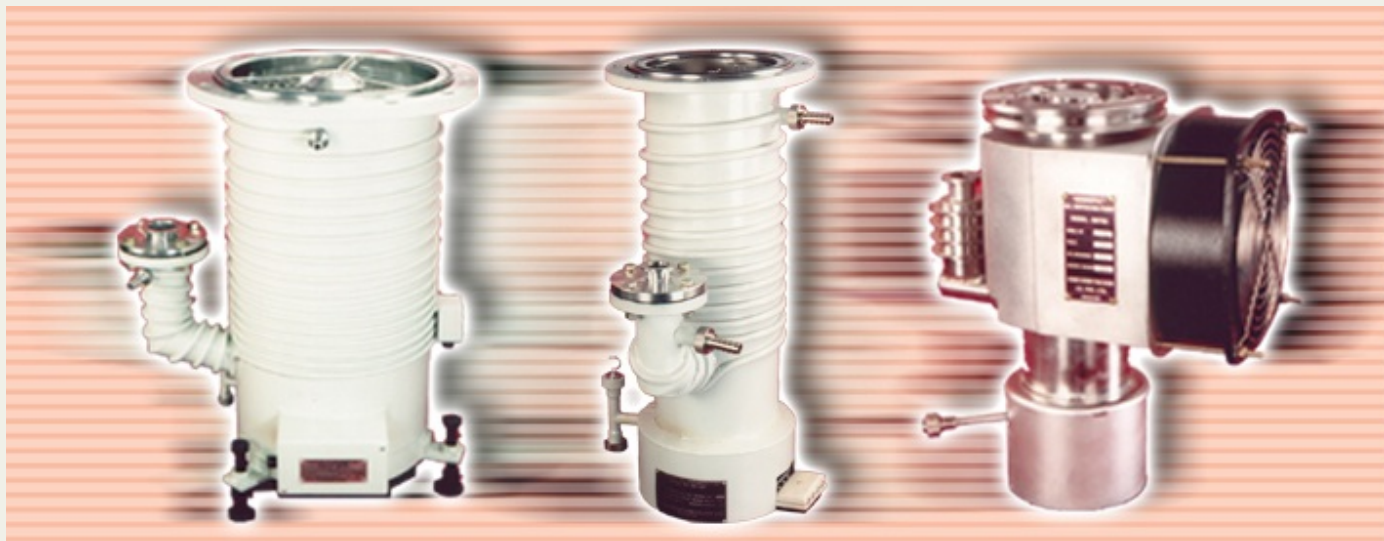


# Large Capacity Diffusion Pumps

MODELS: OD-75, OD-150, OD-250, OD-350 & OD-500



In view of the simple construction, high performance and low initial investment cost, Oil Diffusion Pump predominates as the primary industrial high vacuum pump and finds application in very diverse Industrial applications such as analytical instruments, functional and ornamental coating, electron tube manufacturing, metallurgy, optics, outer space simulation, particle accelerators, petro chemicals, pharmaceuticals, Research and Development Laboratories, semiconductor industries and a host of other industrial applications.

**Note:** For more details ask for exclusive diffusion pump catalogue.

## TECHNICAL SPECIFICATIONS

	Model	Model	Model	Model	Model
Particulars	OD-75	OD-150	OD-250	OD-350	OD-500
Normal dia (mm)	75	150	250	350	500
Pumping speed (Lit./Sec.)	140	1000	3000	6000	12000
Backing pump model	ED-6	ED-15	FD-60	CD-120	optional
speed lit/min	100	250	1000	2000	
Warm up time in mins	-	15	15	15	15
Ultimate vacuum (DC 704) better than	$5 \times 10^{-7}$	$5 \times 10^{-7}$	$5 \times 10^{-7}$	$5 \times 10^{-7}$	$5 \times 10^{-7}$
Fluid quantity (cc)	80	200-300	600-800	1200-1800	3000-3500
Heater ratings (watts)	450	1250	2250	3750	7500
Material body	SS	SS	SS	SS	SS
Jet assembly materials	Al	SS	Al	Al	Al
Cooling water required in Lits./mins. at inlet pressure of 2-3 kgs/cm <sup>2</sup>	Air Cooled	3 - 3.5	5 - 6	6 - 7	10 - 12

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