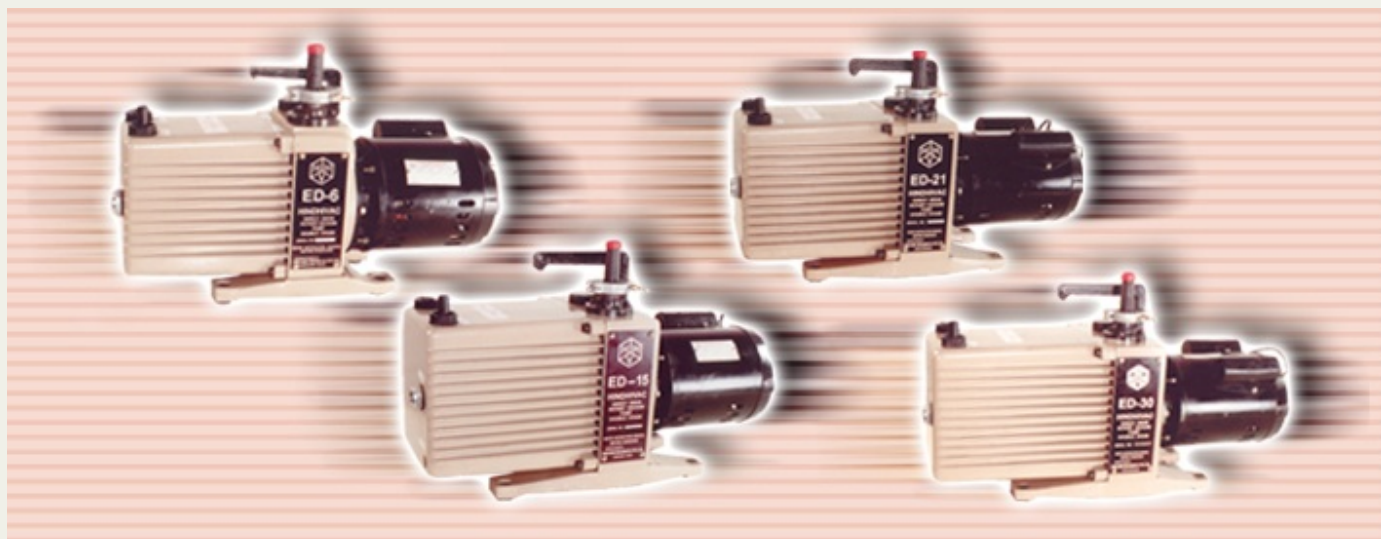


# Direct Drive Rotary Vacuum Pumps

MODELS: ED-6, ED-15, ED-21 & ED-30



**HINDHIVAC** offers a complete line of compact, direct drive Rotary vane pumps which are designed for rugged and reliable operation.

The **Direct Drive Rotary Vane pumps** of ED series incorporate a broad combination of design features like positive internal oil circulation system for lubrication. All cast metal construction, Automatic anti-suck-back valve. These pumps find typical application in Optical coating systems, Metallurgical process, Lamp manufacturing, TV Tube manufacturing and other high vacuum oriented areas of industrial manufacturing, food processing, Epoxy mixing & casting, high vacuum impregnation, freeze drying. These pumps can be fitted with a variety of accessories like Dust Filter, Condensate Trap, Oil Mist Filter, Molecular Sieve Traps, Moisture Traps, etc.

## Salient Features:

- Quiet and Vibration free
- Positive Anti Suckback
- Compact and light weight
- Effective Gasballast
- Low oil charge
- Air cooled
- High water vapour handling capacity.

## TECHNICAL SPECIFICATIONS

	Model	Model	Model	Model
Particulars	ED-6	ED-15	ED-21	ED-30
Nominal pumping speed M <sup>3</sup> /Hr	6	15	21	30
Lit/Min	100	250	350	500
Ultimate partial pressure (on Mcleod Gauge)				
Gas Ballast closed (m.bar)	5x10 <sup>-4</sup>	5x10 <sup>-4</sup>	5x10 <sup>-4</sup>	5x10 <sup>-4</sup>
Gas Ballast open (m.bar)	6x10 <sup>-2</sup>	6x10 <sup>-2</sup>	6x10 <sup>-2</sup>	6x10 <sup>-2</sup>
Weight (kgs)	32	42	45	52
Max. nominal power rating(K.W.)	0.25	0.37	0.55	1.1
Pump rotational speed (at no load r.p.m)	1340-1440	1340-1440	1340-1440	1340-1440
Oil capacity (Lits)	2	2.75	2.75	3
Inlet flange (ISO-KF)	KF-25	KF-25	KF-25	KF-25
Recommended oil	HINDHIVAC Molecular Distilled Oil: Grade MD-504			

HIND HIGH VACUUM CO. PVT. LTD.

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