



DIFFVAC OB Series Oil vapor booster pumps

Leybold's OB series oil vapor ejector pumps are always operated in conjunction with forevacuum pumps. Water-cooled and built on the oil diffusion principle, they are suited for industrial high vacuum applications. With its high pumping speeds, improved quality components and increased uptime, these pumps are ideal for special metallurgy.



Pumping speed

These pumps can achieve high pumping speeds in pressure ranges of from 10^{-2} to 10^{-3} mbar



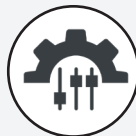
Harshest application ready

Settled down dust can be easily removed without the need to change the entire oil



Reliable sensors

Thermostat sensor ensure automatic switch-off for better pump protection and safety



Electrical connections

The electric terminal box centrally feeds in the power and has individual fuse protection



Customer benefits:



Extended uptime of oil and heaters and longer maintenance cycles



Achieve energy savings with the EEC* and up to 30% reduced operational costs



Better monitoring of oil and heater temperature to extend process control

*Energy Efficiency Controller



Easy retrofittable Energy Efficiency Controller:

- Pump + terminal box is prepared for EEC
- Simple design: EEC can be wired into Terminal Box
- No change on the pump, simple upgrades on site possible

You decide,
when you start
to save energy!

Technical data		DIFFVAC	
		OB 400	OB 630
Pumping speed for air	l/s	6.000	12.000
Max. permissible FV pressure	mbar	0.6	
Working range	mbar	$10^{-4} - 10^{-2}$	
Heat up time	min	approx 50	
Rated power	kW	8	24
Dimensions (h x d x w)	mm	2414 x 1090 x 1250	2682 x 1305 x 1400
Weight	kg	550	1.300
Inlet flange ISO-F		DN 400	DN 630
Outlet flange ISO-K		DN160	

Order information

400V 3PH TB	1918006KV01(XXX*)	
460V 3PH TB	1918006KV02(XXX*)	
400V 3PH TB		1918012KV01(XXX*)
460V 3PH TB		1918012KV02(XXX*)
Accessories		
Energy Efficiency Control (EEC) for OB	13881003A004DGN	13881003A002DGN

*We offer two version:
(DGN) = for Europe
(UWH) = for North America

