



# Ulvac ULK-04A

## Technical Specifications

Model	ULK-04A	
Pumping speed (L/sec)	550	500
Ultimate pressure (Pa) *1	$<2.6 \times 10^{-5}$	$<2.6 \times 10^{-6}$
Maximum forepressure (Pa)	40	60
Heating up time (min)	9	8.5
Oil *4	ULVOIL D-11	ULVOIL D-31
Oil capacity (L)	0.15	
Cooling water temperature (°C)	19°C ~ 25°C	
Water connections	Rc 1/4"	
Water capacity (L/min)	1	1
Voltage	200V/1φ	
Pump power (kW)	0.55	0.73
Heater type	plate	
Standard backing pump *2	VD151/VD201 PVD-180/PVD-360	
Inlet	VG100	
Outlet	VG25	
Mass (kg)	7.5	
Oil level gage	without	
Thermal switch option	with	
Thermal switch operating temperature (°C)	250	



\*1 The ultimate pressure by an ionization gauge in the case of coolant temperature 20 degrees Celsius.

\*2 The backing pump chooses it for the maximum throughput of the diffusion pump, but, in consideration of time of starting pressure, it is good to use a big backing pump.

\*3 Please confirm other dimensions by CAD data placing in the ULVAC,Inc.website.

\*4 D-11 is hydrocarbon-based general-purpose oil. D-31 is the silicon-based diffusion pump oil which heat-resistant stability is high in.



# PROVAC

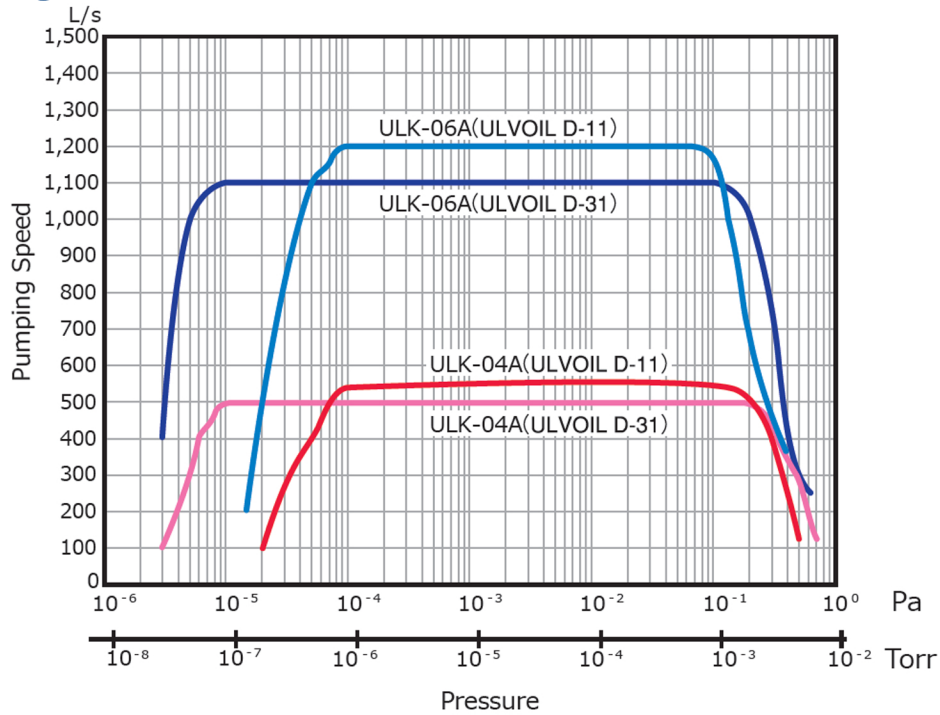
## SALES

PHONE: 831-462-8900

FAX: 831-462-3536

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# Ulvac ULK-04A Pumping Curves



## Dimensions

