



## Outline

This is a vacuum pump that evacuates by the reciprocating motion of a rubber thin film (diaphragm). Simple structure and easy handling. MD4UCNT is a high vacuum and high corrosion resistant type.

## Features and Cautions on use

- High vacuum type diaphragm pump.
- Low vibration.
- High corrosion resistant.

Specification

Item	Unit	50Hz	60Hz
Actual Pumping Speed	L/min	50	60
Ultimate Pressure	Pa	150	
	kPa	-101.2 <sup>#1</sup>	
Motor Output	W	250	
Weight	kg	14.3	
Inlet, Outlet port diameter	mm	O.D. φ 11×I.D. φ 6.5	
Ambient temperature	℃	10~40	
Overall dimensions	mm	243(W) × 325(L) × 198(H)	
RoHS applied		●	

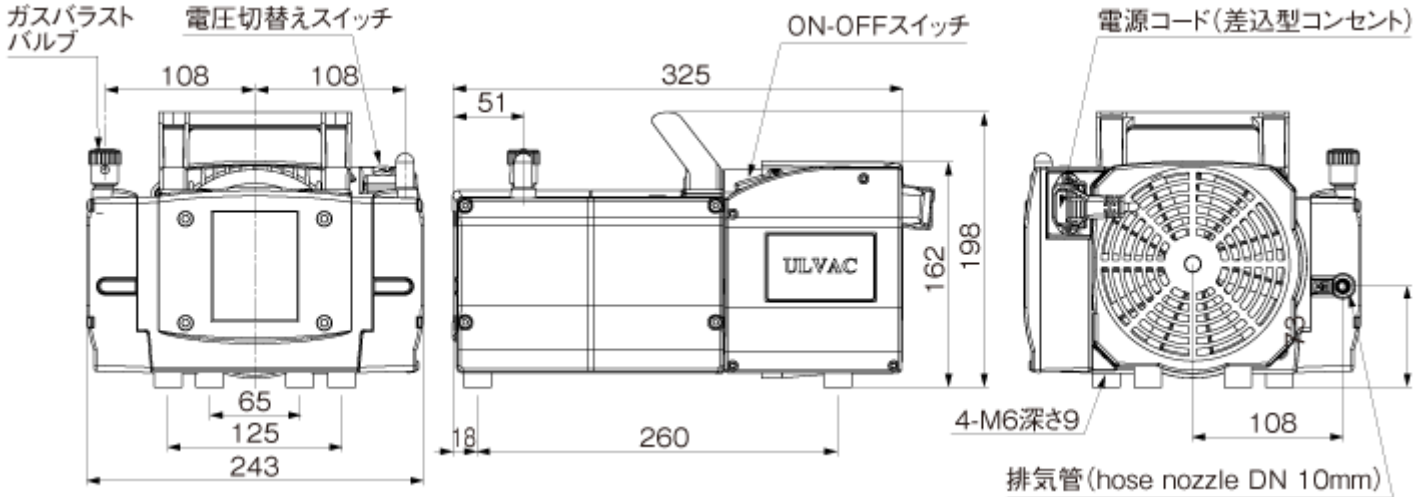
#1: Gauge pressure

Power Supply/Voltage

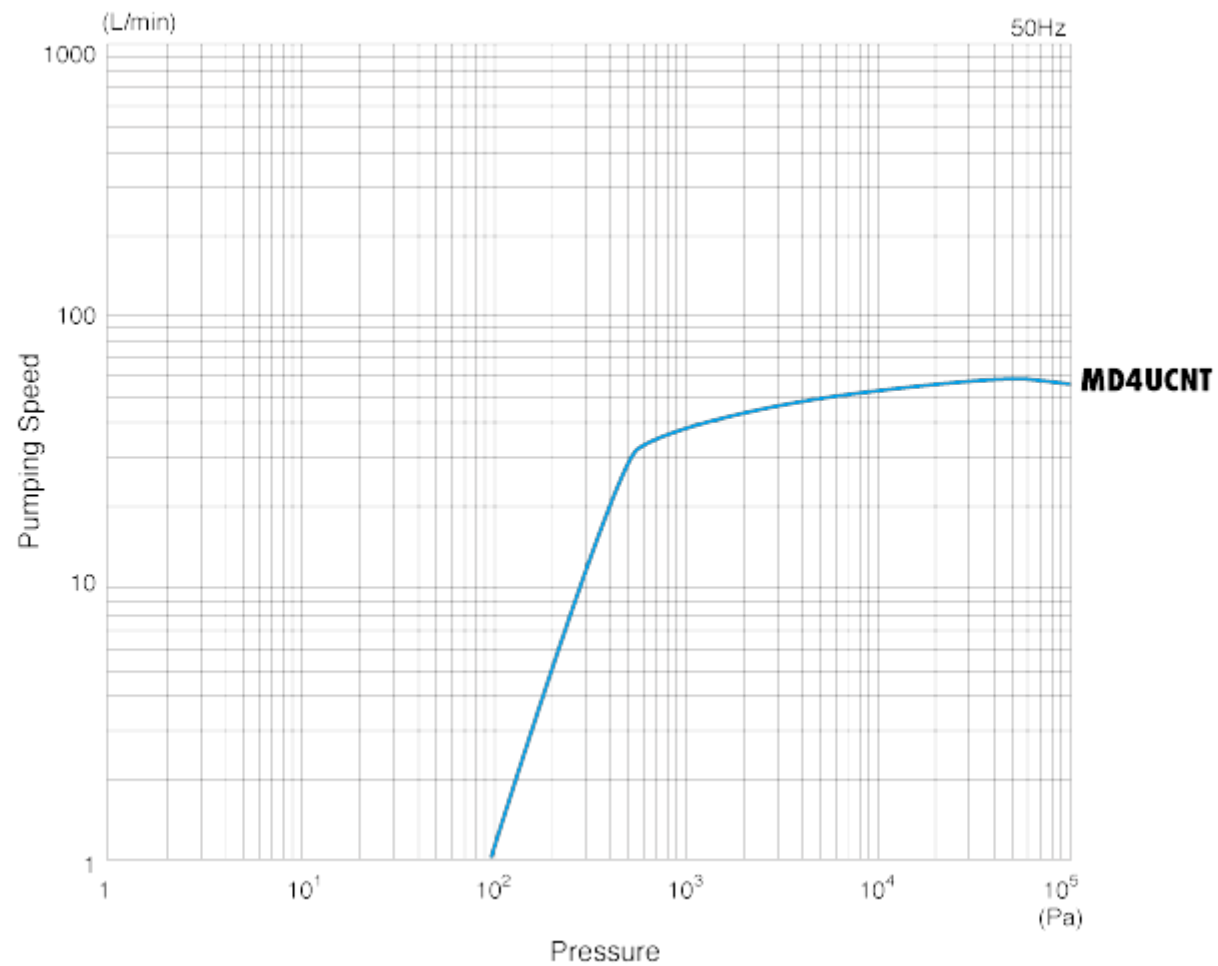
Voltage	Certificate	Remarks
Single phase, 100-120V/200-230V	CE	

■TUV Certification: A high-quality product that complies with European standards as assessed by an international third party that conducts product safety testing and certification.

Outline Drawing



Pumping Speed Curves



# Remarks

- The pump is stopped when the lord is operated, and the pump can't be operated just after that. In this case, please return the atmospheric pressure the inside of the pump.
- Please make sure the particles or dust may not come inside
- the pump directly. In case of pumping the gas containing the moisture, dust or so, that must be removed.
- It is a pump only in the room. Please do not set it up in the place, that rain and water splash, and outdoors.
- It may cause the failure of the pump if it is used for long hours
- close to the atomospheric pressure.

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