



Outline

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

Features and Cautions on use

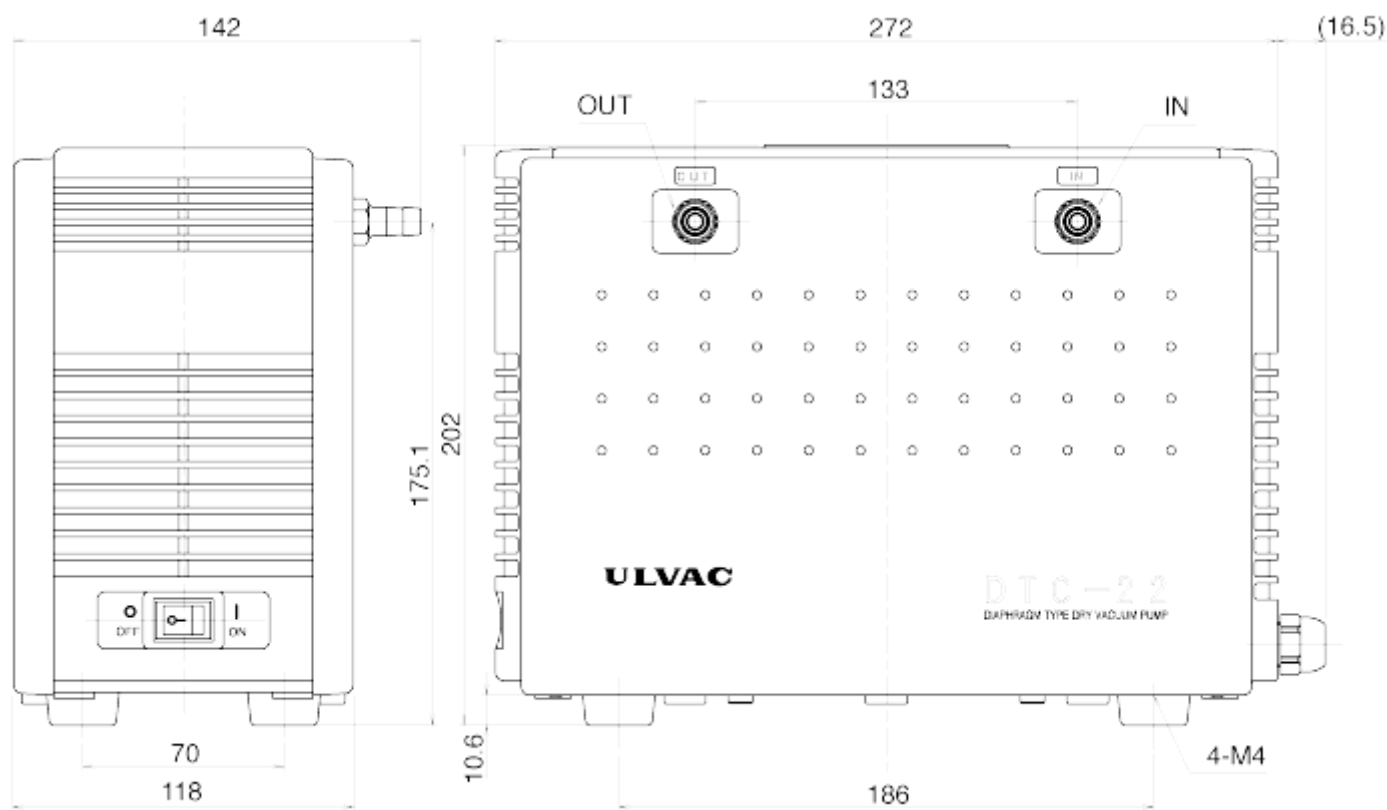
- All contacted parts of the gas are made of PTFE and FPM.
- Suitable for pumping out corrosive gas or organic solvent.
- High vacuum down to 1000Pa.
- Compact.

Specification

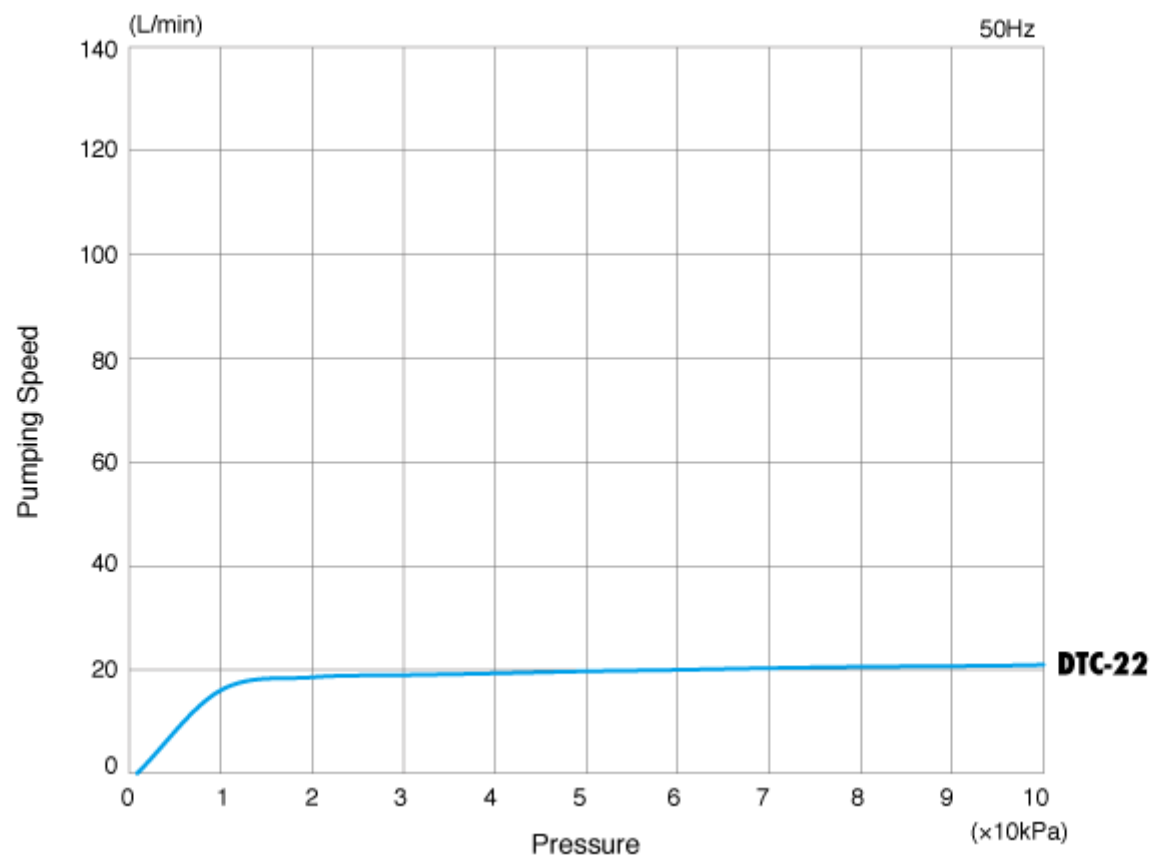
Item	Unit	50Hz	60Hz
Actual Pumping Speed	L/min	20	24
Ultimate Pressure	Pa	1.0×10^3	
	kPa	-100.3 ^{#1}	
Motor Output	W	50	
Weight	kg	7.3	
Inlet, Outlet port diameter	mm	O.D. $\phi 10 \times$ I.D. $\phi 6$ (G 1/4)	
Ambient temperature	℃	0~40	
Overall dimensions	mm	142(W) \times 288.5(L) \times 202(H)	
RoHS applied		●	

#1: Gauge pressure

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.

Applied optional part items

No.	Category name	Series	Name
1	Maintenance Kit	Maintenance Kit Series	Maintenace Kit for DTC-22/22K
2	Anti-vibration Rubber	Anti-vibration Rubber	Anti-vibration rubber (ME-12)

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