

# Rotary Vane Vacuum Pump

## Features

- ▶ **High vacuum, high flow rate**  
Tanker pumps are high-flow-rate and high vacuum driven by rotary vane that can reach up to  $10^{-1}$  torr. Suitable for experiments require medium to high flow rate and vacuum capacity.
- ▶ **Quiet and low vibration**  
Tanker pumps feature low noise level, low vibration and long product life.
- ▶ **Overheat protection**  
All Tanker pumps are equipped with overheat protection device that shuts down when overheated and resumes once cooled down, making the pumps safer and long-lasting.
- ▶ **International certification**  
CE certification
- ▶ **One-Year Warranty**

## Applications

- ▶ Vacuum filtration
- ▶ Vacuum drying / oven / defoaming
- ▶ Various vacuum applications

## Ordering Information

### 187130-11(22)

Tanker 130, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### 187150-11(22)

Tanker 150, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### 187215-11(22)

Tanker 215, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### 187230-11(22)

Tanker 230, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

**187100-05** Lubricant (500 mL)

**187100-30** Exhaust Filter

**187100-25** Oil Mist Outlet



**187100-30** (Optional) Exhaust filter  
Exhaust filter with stainless steel housing can be used to prevent oil mist from being sprayed into the room and keep laboratory clean.



**187100-25** (Optional) Oil mist outlet  
Oil mist outlet is to be connected to an optional hose barb (Thread 1/8 PT) and tube to exhaust oil mist.

## Specification

Model	Tanker 130		Tanker 150		Tanker 215		Tanker 230	
<b>PERFORMANCE DATA</b>								
Max. vacuum	1 x 10 <sup>-1</sup> torr abs.		1 x 10 <sup>-1</sup> torr abs.		5 x 10 <sup>-2</sup> torr abs.		5 x 10 <sup>-2</sup> torr abs.	
Max. flow rate	85 L/min @60Hz	70 L/min @50Hz	142 L/min @60Hz	127 L/min @50Hz	42 L/min @60Hz	36 L/min @50Hz	85 L/min @60Hz	70 L/min @50Hz
Hose barb	ID10		ID10		ID10		ID10	
Noise level	52 dB		52 dB		52 dB		52 dB	
Net weight	9.6 Kg		13.0 Kg		11.4 Kg		14.0 Kg	
Dimension (LxWxH)	32 x 12 x 36 cm		34 x 13 x 38 cm		32 x 12 x 36 cm		34 x 13 x 38 cm	
<b>ELECTRICAL DATA</b>								
Voltage	110V	220V	110V	220V	110V	220V	110V	220V
Frequency	50 / 60Hz		50 / 60Hz		50 / 60Hz		50 / 60Hz	
Max. power	250W (1/3 HP)	250W (1/3 HP)	375W (1/2 HP)	375W (1/2 HP)	250W (1/3 HP)	250W (1/3 HP)	375W (1/2 HP)	375W (1/2 HP)
Max. current	4.2A	2.5A	6.5A	3.0A	4.2A	2.5A	6.5A	3.0A
Safety	Overheat Protection		Overheat Protection		Overheat Protection		Overheat Protection	