

Rotary Vane Vacuum Pump

Features

- ▶ **High vacuum, high flow rate**
Tanker series pumps are driven by rotary vane, with high flow rate, vacuum can reach over 10^{-1} torr. Suitable for the laboratory that needs high / medium flow rate and vacuum capacity for experiment.
- ▶ **Quiet and low vibration**
Tanker series pumps feature low noise level, low vibration and long product life.
- ▶ **Thermal protection device**
Every motor of Tanker series pumps has a built-in thermal protection device to shut off the pump automatically when overheated and then resume working when the temperature cools down.
- ▶ **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 (500ml / PK)

187100-30 Exhaust Filter

187100-25 Oil Mist Outlet



Tanker SC Lubricant

Tanker Series



187100-30 Exhaust filter (optional)

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 Oil mist outlet (optional)

It is used to exhaust the oil mist out of a room by connecting an optional hose barb (Thread 1/8 PT) and a proper tube.

Specification

Model	Tanker 130		Tanker 150		Tanker 215		Tanker 230	
	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power	250W	250W	375W	375W	250W	250W	375W	375W
Max. current	4.2A	2.5A	6.5A	3A	4.2A	2.5A	6.5A	3A
Max. vacuum	1 x 10 ⁻¹ torr		1 x 10 ⁻¹ torr		5 x 10 ⁻² torr		5 x 10 ⁻² torr	
Max. flow rate	85 L/min	70 L/min	142 L/min	127 L/min	42 L/min	36 L/min	85 L/min	70 L/min
Motor rotation speed	1725 RPM	1440 RPM	1725 RPM	1440 RPM	1725 RPM	1440 RPM	1725 RPM	1440 RPM
Horse power	1/3 HP		1/2 HP		1/3 HP		1/2 HP	
Noise level	52 dB		52 dB		52 dB		52 dB	
Hose barb	ID10		ID10		ID10		ID10	
Safety	Thermal Protection		Thermal Protection		Thermal Protection		Thermal Protection	
Net weight	9.6 Kg		13 Kg		11.4 Kg		14 Kg	
Dimension (LxMxH)	31.5 x 12 x 36 cm		33.5 x 12.5 x 37.5 cm		31.5 x 12 x 36 cm		33.5 x 12.5 x 37.5 cm	

Pump Accessories

Hose Barb



Cat. No.:	167300-20	167300-21	167300-63	167300-23	167300-24	187100-32	187100-31	187100-34	167300-25
ID:	3/8 inch	5/16 inch	1/4 inch	3/16 inch	1/8 inch	1/2 inch	3/8 inch	1/4 inch	5/16 inch
	ID10	ID8	ID6	ID5	ID3	ID12	ID10	ID6	ID8
Thread:	1/8 PT	1/8 PT	1/8 PT	1/8 PT	1/8 PT	1/4 SAE	1/4 SAE	1/4 SAE	1/8 PT

Moisture Trap / Vacuum Regulator / Pressure Regulator



167301-06	167801-06	169411-06	169611-06	189300-06	167320-06	167440-06
For Rocker 300/400/ 410/430	For Rocker 801/811	For Chemker 410/411	For Chemker 610/611	For Rocker 300C/400C/410C	For Rocker 320/420	For Rocker 440

Filter Cartridge



167301-07	167801-07
For Rocker 300/400/410/430 (with Prote™ overflow protection)	For Rocker 801/811 (without Prote™ overflow protection)

Chemical Resistant Hose Barb



169300-21	169300-20
5/16 inch ID8 1/4 NPS	3/8 inch ID10 1/4 NPS

Air Outlet (Copper Muffler)



167300-42	167600-42
For Rocker 300/400/410/430	For Rocker 800/801/810/811

Check Valve



187100-33
For Tanker 130/150/215/230 ID10 1/4 SAE

Silicone Tube



167200-38	199100-68	180300-68
Ø 6 x 12 mm Length: 1 m	Ø 4.2 x 8 mm Length: 2 m	Ø 8 x 14 mm Length: 2 m

Universal Foot Switch



167200-41	167200-41-1
Momentary action	Maintained action