



# Oil Free Vacuum Pump



## Features

- ▶ **Compact and safe operation**  
Lafil 300 and Lafil 400 are unique filtration units by combining vacuum source with optional filtration ware. Its compact design saves much bench space than the traditional ones. With a fence-like platform design, it can prevent user's negligence from tipping over the waste bottle.
- ▶ **No air pollution, maintenance free**  
Lafil 300 and Lafil 400 pumps are driven by piston, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.
- ▶ **Thermal protection device**  
Every motor of Lafil 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
- ▶ **Two-Year Warranty**



## Applications

- ▶ Vacuum filtration
- ▶ Microbiological test
- ▶ Suspended solid test

## Ordering Information

### 197300-11(22)

Lafil 300, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### 197400-11(22)

Lafil 400, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### 197010-30

LF 30, PES Filtration Set

### 197010-32

SF 10, Stainless Steel Filtration Set

### 197010-33

SF 30, Stainless Steel Filtration Set

## Specification

Model	Lafil 300		Lafil 400	
Voltage / Freq.	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power	65W	60W	100W	80W
Max. current	0.7A	0.3A	1.0A	0.4A
Max. vacuum	105 mbar		30 mbar	
Max. flow rate	23 L/min	20 L/min	23 L/min	20 L/min
Motor rotation speed	1750 RPM	1450 RPM	1750 RPM	1450 RPM
Horse power	1/8 HP		1/6 HP	
Noise level	50 dB		52 dB	
Hose barb	ID8		ID8	
Vacuum regulator	Yes		Yes	
Safety	Thermal Protection		Thermal Protection	
Net weight	5.9 Kg		7.0 Kg	
Dimension (LxWxH)	33.5 x 24.5 x 30 cm		33.5 x 24.5 x 30 cm	