

# Vacuum Filtration System



## Features

### Compact and safe operation

Lafil 300 is a unique filtration system by combining vacuum source with filtration ware. Its compact design can save 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.

### The patented spin-lock design

The filter holder can be connected with waste bottle by patented spin-lock connection giving a fast and stable installation without clamp.

### Overflow protection

Waste bottle comes with a built-in overflow protection to keep the filtrate from overflowing when waste bottle is full.

### Autoclavable and shatterproof

Waste bottle and filter holder are made of engineering plastics and SS316 stainless steel which are shatterproof, high temperature resistance and autoclavable.

### International certification

CE certification

### Two-Year Warranty

## Applications

- Vacuum filtration
- Suspended solid test
- Microbiological test

## Ordering Information

### 197301-11(22)

Lafil 300 - LF 30, Vacuum Filtration System, AC110V, 60Hz (AC220V, 50Hz)

### 197302-11(22)

Lafil 300 - LF 32, Vacuum Filtration System, AC110V, 60Hz (AC220V, 50Hz)

### 197300-11(22)

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



Lafil 300 - LF 30



Lafil 300 - LF 32

## Specification

| Model                | Lafil 300 - LF 30             |           | Lafil 300 - LF 32             |           |
|----------------------|-------------------------------|-----------|-------------------------------|-----------|
|                      | Voltage / Freq.               | 110V/60Hz | 220V/50Hz                     | 110V/60Hz |
| Max. power           | 65W                           | 60W       | 65W                           | 60W       |
| Max. current         | 0.7A                          | 0.3A      | 0.7A                          | 0.3A      |
| Max. vacuum          | 105 mbar / 91 kPa / 26.8 inHg |           | 105 mbar / 91 kPa / 26.8 inHg |           |
| 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  |
| Hose barb            | 5/16 inch (8 mm)              |           | 5/16 inch (8 mm)              |           |
| Dimension (LxWxH)    | 33.5 x 23 x 45 cm             |           | 33.5 x 23 x 40 cm             |           |
| Part                 | Material                      |           | Material                      |           |
| Funnel               | PES                           |           | SS316                         |           |
| Waste bottle         | PC                            |           | PC                            |           |
| Membrane support     | PP                            |           | SS316                         |           |
| Funnel lid           | PP                            |           | —                             |           |
| Overflow protection  | PP                            |           | PP                            |           |

# Vacuum Filtration System



## Features

### ❖ Compact and safe operation

Lafil 400 series is a unique filtration system by combining vacuum source with filtration ware. Its compact design can save 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.

### ❖ The patented spin-lock design

The filter holder can be connected with waste bottle by patented spin-lock connection giving a fast and stable installation without clamp.

### ❖ Overflow protection

Waste bottle comes with a built-in overflow protection to keep the filtrate from overflowing when waste bottle is full.

### ❖ Autoclavable and shatterproof

Waste bottle and filter holder are made of engineering plastics and SS316 stainless steel which are shatterproof, high temperature resistance and autoclavable.

### ❖ International certification

CE certification

### ❖ Two-Year Warranty

## Applications

- ❖ Vacuum filtration
- ❖ Suspended solid test
- ❖ Microbiological test

## Ordering Information

### 197401-11(22)

Lafil 400 - LF 30, Vacuum Filtration System, AC110V, 60Hz (AC220V, 50Hz)

### 197402-11(22)

Lafil 400 - LF 32, Vacuum Filtration System, AC110V, 60Hz (AC220V, 50Hz)

### 197400-11(22)

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



Lafil 400 - LF 30



Lafil 400 - LF 32

## Specification

| Model                | Lafil 400 - LF 30            |           | Lafil 400 - LF 32            |           |
|----------------------|------------------------------|-----------|------------------------------|-----------|
|                      | Voltage / Freq.              | 110V/60Hz | 220V/50Hz                    | 110V/60Hz |
| Max. power           | 100W                         | 80W       | 100W                         | 80W       |
| Max. current         | 1.0A                         | 0.4A      | 1.0A                         | 0.4A      |
| Max. vacuum          | 30 mbar / 98 kPa / 28.9 inHg |           | 30 mbar / 98 kPa / 28.9 inHg |           |
| 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  |
| Hose barb            | 5/16 inch (8 mm)             |           | 5/16 inch (8 mm)             |           |
| Dimension (LxWxH)    | 33.5 x 23 x 45 cm            |           | 33.5 x 23 x 40 cm            |           |
| Part                 | Material                     |           | Material                     |           |
| Funnel               | PES                          |           | SS316                        |           |
| Waste bottle         | PC                           |           | PC                           |           |
| Membrane support     | PP                           |           | SS316                        |           |
| Funnel lid           | PP                           |           | —                            |           |
| Overflow protection  | PP                           |           | PP                           |           |