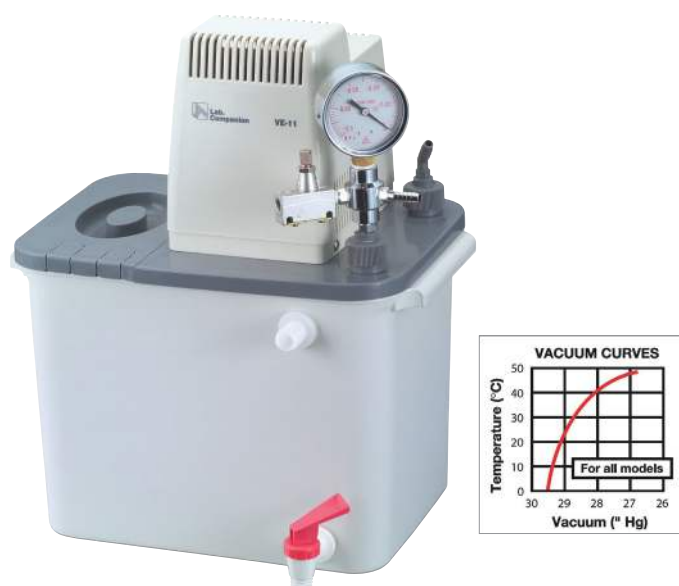


# Pumps

Select the optimum model between two different types of pump.

Both are suitable for rotary vacuum evaporation, decompression distillation, and vacuum filtering. Especially rotary vacuum pump provides more powerful pumping ideal for vacuum drying.



## VE-11

with optional vacuum gauge / regulator

### Standard accessories

- Water tank, aspirator pump, tank closure
- Two aspirators
- Two 20cm long  $\varnothing$  6mm (0.2") silicone rubber tubes
- One 100cm long  $\varnothing$  8mm (0.3") silicone rubber tube



## Electrical Aspirator Pump

- Portable dual-channel water-jet aspirator pumps
- Creating a vacuum by means of venturi effect, aspirator pumps are suitable for rotary vacuum evaporation, decompression distillation, vacuum drying, and vacuum filtering.
- Built-in circulating pump and water tank make the unit portable.
- Circulating pump continuously pumps water quietly across a set of aspirators, and is therefore clean and efficient.
- Built-in check valve prevents backflow of water into the aspirator pump.
- Corrosion-resistant construction of all wetted parts with 304 stainless steel, polypropylene, silicone, or nickel-coated brass.
- Water tank features a drain port and a spigot for easy changing of water.

## Accessories & Options

- Vacuum gauge with regulator: to monitor and control the vacuum pressure. (between 0.0267~0.0998MPa / 7.9~29.5" Hg)
- Cooling coil: to prevent vacuum from decreasing due to temperature increase.



Cooling coil



Aspirators

| Description                 | Cat. No. |
|-----------------------------|----------|
| Vacuum gauge with regulator | AAA71531 |
| Cooling coil                | AAA71501 |
| Aspirator (1 ea)            | EFA9111  |
| Aspirator (10 ea)           | AAH71122 |

| Model                                       | VE-11                                     |                   |                   |
|---------------------------------------------|-------------------------------------------|-------------------|-------------------|
| Bath volume (L / cu ft)                     | 9.5 / 0.3                                 |                   |                   |
| Max. vacuum (Mpa / mmHg)                    | 0.0906 / 680                              |                   |                   |
| Free-air capacity                           | 18L / minute (0.6 cfm) ×2ea               |                   |                   |
| Material (bath / aspirator)                 | Polypropylene / Nickel-coated brass × 2ea |                   |                   |
| Bath interior (W×L , D) (mm / inch)         | 298×210, 227 / 11.7×8.3 ,8.9              |                   |                   |
| Exterior (W×L×H) (mm / inch)                | 330×265×390 / 13×10.4×15.4                |                   |                   |
| Inhale nozzle                               | External Ø9.5mm (0.4") ×2ea               |                   |                   |
| Drain cock, Over flow nozzle (Ø, mm / inch) | 17 / 0.7                                  |                   |                   |
| Net weight (kg / lbs)                       | 5.7 / 12.6                                |                   |                   |
| Electrical requirements                     | 230V, 60Hz / 0.7A                         | 230V, 50Hz / 0.7A | 120V, 60Hz / 1.4A |
| Cat. No.                                    | AH71011K                                  | AAH71015K         | AAH71016U         |

\* FDA establishment registered company. FDA listed products.