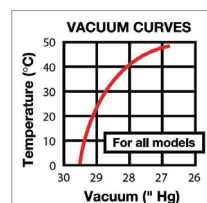


# Pumps

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
- One 100cm long  $\varnothing$  8mm (0.3") silicone rubber tube with tubing connector



## W2V10

### Optional accessories

- Oil mist traps



## 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

Cat. No.	Description
<b>AAA71531</b>	Vacuum gauge with regulator
<b>AAA71501</b>	Cooling coil
<b>EFA9111</b>	Aspirator (1 ea)
<b>AAH71122</b>	Aspirator (10 ea)

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 cook, 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.	<b>AH71011K</b>	<b>AAH71015K</b>	<b>AAH71016U</b>

※ FDA establishment registered company. FDA listed products.



## Rotary Vacuum Pump

- Rotary vacuum pump equipped with direct connect oil seal prevents air reflux, essentially used with vacuum ovens to achieve a higher level of vacuum pressure.
- Oil mist trap, an optional feature, prevents oil in-flow.

## Accessories & Options

Cat. No.	Description
<b>BEA700351</b>	Oil mist trap (PC)
<b>BEA700355</b>	Oil mist trap (metal)
<b>BEA700353</b>	Vacuum pump oil (1L)
<b>BEA700354</b>	Vacuum pump oil (20L)

Model	W2V10	
Pumping speed (L/min / gal/min)	100 / 26.4	
Max. pressure	Gas ballast open	5X10 <sup>-3</sup> Torr (6.7 Pa)
	Gas ballast closed	1X10 <sup>-3</sup> Torr (1.3X10 <sup>-1</sup> Pa)
Motor power (W / Hp)	400 / 0.5	
Motor speed (rpm)	1,700	
Oil capacity (cc / L)	500 / 0.5	
Inlet	Standard	NW25
	Nipple (Ø, mm)	AL, Ø12
Exterior (W×L×H) (mm / inch)	150×392×250 / 5.9×15.4×9.8	
Net weight (kg / lbs)	22.5 / 49.6	
Electrical requirements	230V, 50/60Hz	120V, 60Hz
Cat. No.	<b>BEH73205K</b>	<b>BEH73206U</b>