

## Electrical Aspirator Pump VE-11

### Portable dual-channel, water-jet aspirator pump



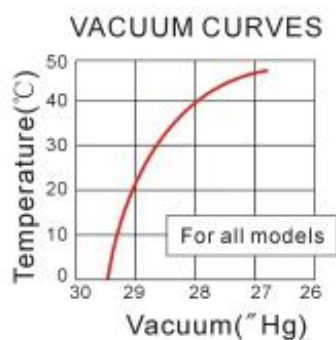
VE-11 creates a vacuum using an aspirator pump that is dependent on the vapor pressure of water. Ideal for rotary vacuum evaporators, decompressing distillatories, vacuum dryers, and vacuum filtering units.

#### Features

- > Economic use of resources
- > High flow rate up to 36 L/min
- > Vacuum can be regulated between 20 mmHg and 74 mmHg
- > Employs two water flow and gas suction devices, a check valve, and an upstream prevention device
- > Housing is made of PP to enhance longevity
- > Small amounts of liquid in the machine don't harm the system built-in circulating pump and water tank makes this unit portable and eliminates water waste.
- > Circulating pump continuously forces water quietly across a set of aspirators, and therefore clean and efficient.
- > Included (2) metal aspirators to create a vacuum with a built-in check valve to prevent backflow of water into the aspirator pump.
- > Submerged parts: 304 stainless steel, polypropylene silicone, and nickel-coated brass.
- > Tank features a drain port and spigot for easy water changes.
- > Unlike other vacuum pumps the VE-11 can suck a little bit of solvent. (water)

## Included Accessories

- > Tank / Aspirating pump / Tank closure.
- > Two aspirators.
- > Two  $\varnothing$  6mm (0.02") silicone rubber tube 20cm (0.7 ft) in length and an additional  $\varnothing$ 6mm (0.02") silicone rubber tube 100cm (3.3 ft) in length.



## Application Areas

- > Filtration
- > Distillation
- > Rotary evaporation



Vacuum Gauge / Regulator

## Specifications & Ordering Information

Model	VE-11	
Max. Flow Rate	36 L/min (18 L/min*2)	
Water Tank Capacity(L)	9.5 L	
Motor Power(W)	150 W	
Material (Water Tank)	Polypropylene	
Dimensions	Water Tank (W x D x H)	298 x 210 x 227
	Case (W x D x H)	330 x 265 x 390
	Absorption nozzle	9.5 $\varnothing$ x 2
	Overflow nozzle	17 $\varnothing$
Safety Devices	Fuse, check valve, overheat protection	
Weight (kg)	5.7	
Order No.	900701	

## Optional Accessories

- > Vacuum gauge / 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.



VC-10 Cooling Coil



ET-02 Aspirator

## Accessories

Description	Order No.
Vacuum Gauge / Regulator	900701-1
VC-10 Cooling Coil	900701-2
ET-02 Aspirator	900701-3

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