PUMPS

Electrical Aspirator Pumps.
Rotary Vacuum Pumps.

Electrical Aspirator Pumps

Portable dual-channel, water-jet aspirator pumps.

VE-11 creates vacuum by an aspirator pump that is dependent on the vapor pressure of water; which, in turn, is a function of temperature. Ideal for rotary vacuum evaporator, decompressing distillation, vacuum drying, and vacuum filtering.

VE-11 with optional vacuum gauge / regulator

Features

- Built-in circulating pump and water tank make these units portable and eliminate water waste.
- Circulating pump continuously forces water across a set of aspirators-operating quiet, clean and efficient.
- Included two metal aspirators to create the vacuum with a built-in check valve to prevent backflow of water into the system.
- Wetted 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, be allowed to suck little solvent (water) in the units.

Included Accessories

- Tank / Aspiration pump / Tank closure.
- Two aspirators.
- Two 20cm (0.7 ft) length and Ø6mm (0.02") of silicone rubber tubing, Plus one additional 100cm (3.3 ft) length tubing.

Optional Accessories

- Vacuum gauge / regulator: to monitor and control vacuum level. (between 0.0267~0.0998MPa / 7.9~29.5″ Hg)
- Cooling coil : to prevent falling of vacuum condition due to temperature rise.
- Aspirators : nickel-coated brass with inner ball and check valve to prevent backflow of water.

Accessories	Cat. No.
Vacuum gauge / regulator	AAH71531
Cooling coil	AAH71501
Aspirator	AAH71121

Cooling coil

Aspirators

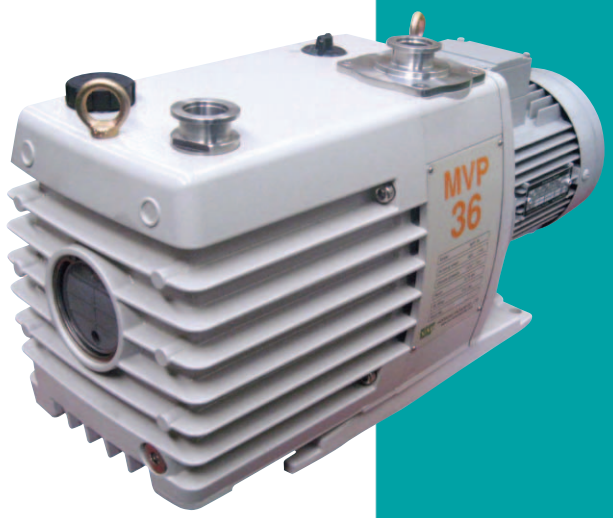
Specifications & Ordering Informations

Model		VE-11	
Bath volume (L / cu ft)		9.5 / 0.3	
Max. vacuum range (Mpa / Hg)		0.0998 / 29.5″	
Free-air capacity		18L / minute (0.6cfm) ×2ea	
Material	Bath	Polypropylene	
	Aspirator	Nickel-coated brass ×2ea	
Dimensions	Bath internal (W×L , D) (mm / inch)	298×210 ,227 / 11.7×8.3 ,8.9	
	Overall (W×L×H) (mm / inch)	330×265×390 / 13.0×10.4×15.4	
	Inhale nozzle	external Ø9.5mm (0.4″) ×2ea	
	Drain cook, over flow nozzle (mm / inch)	Ø17.0 / 0.7	
	Net weight (kg / lbs)	5.7 / 12.6	
Electrical Requirements		230V / 50,60Hz / 0.7A	120V / 50,60Hz / 1.4A
Cat. No.		AAH71015K	AAH71016U

Rotary Vacuum Pumps

Feature

- Direct connecting oil sealed and backward flow preventive equipped rotary vacuum pumps, which are essentially used with vacuum ovens to get high-degree vacuuming condition.
- Oil mist trap preventing oil in-flowing is optional.



MVP-6 Rotary Vacuum Pump

Optional Accessories • Oil mist traps (TMF-12)

Specifications & Ordering Informations

Specifications	MVP - 6
Pumping speed (L / min)	100
Ultimate pressure (Pa)	6.7 X 10^{-2}
Motor power (W)	400
Motor speed (rpm)	1750
Recommended oil (L)	1.1
Inlet / Outlet port (DN)	25KF
Weight (Kg)	22.5 (49.6lb)
Electrical Requirement	230V, 50 / 60Hz
Cat. No.	BEH73005K
Electrical Requirement	120V, 60Hz
Cat. No.	BEH73006U

Accessories

Model	Electrical Requirement	Cat. No.
Related accessory	Oil Mist Trap	BEH73501