

Pumps

Electrical Aspirator Pump

Portable dual-channel water-jet aspirator pumps

Creating a vacuum by means of Venturi effect, VE-11 aspirator pumps are suitable for rotary vacuum evaporation, decompression distillation, vacuum drying, and vacuum filtering.



VE-11
with optional vacuum gauge / regulator

Features

- 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.

Included Accessories

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

Specifications & Ordering Information



Model		VE-11		
Bath Volume (L / cu ft)		9.5 / 0.3		
Max. Vacuum (Mpa / Hg)		0.0998 / 29.5"		
Free-air Capacity		18L / minute (0.6 cfm) ×2ea		
Material	Bath	Polypropylene		
	Aspirator	Nickel-coated Brass ×2ea		
Dimension	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 / 13×10.4×15.4		
	Inhale Nozzle	external Ø9.5mm (0.4") ×2ea		
	Drain Cook, Over Flow Nozzle (mm / inch)	Ø17 / 0.7		
	Net Weight (kg / lbs)	5.7 / 12.6		
Electrical Requirements		230, 60Hz / 0.7A	230, 50Hz / 0.7A	120, 60Hz / 1.4A
Cat. No.		AAH71011K	AAH71015K	AAH71016U

Optional Accessories

- 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.

Description	Cat. No.
Vacuum Gauge with Regulator	AAA71531
Cooling Coil	AAA71501
Aspirator (1 ea)	EFA9111
Aspirator (10 ea)	AAH71122



Cooling Coil



Aspirators

Rotary Vacuum Pump

Features

- 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.

Specifications & Ordering Information

Model	MVP - 6	
	60 Hz	50 Hz
Pumping Speed (L / min)	100	80
Max. Pressure (Pa)	6.7×10^{-2}	
Motor Power (W)	400	
Motor Speed (rpm)	1750	1450
Recommended Oil (L)	1.1	
Inlet / Outlet Port (DN)	25KF	
Net Weight (Kg / lbs)	22.5 (49.6lb)	
Electrical Requirement	230V	
Cat. No.	BEH73105K	



Optional Accessories

Model	Electrical Requirement	Cat. No.
MVP-6	Oil Mist Trap	BEA700104

MVP-6 Rotary Vacuum Pump

- Optional Accessories
- Oil Mist Traps (TMF-12)