

JEV Series

(Jump Eccentric Vacuum)



Vacuum pumps - Eccentric disc technology





Application areas

Wherever the vacuum is needed



Research/Laboratories

Evaporations, extracts of substrates «Lyophilisation»



Solar energies

Thermal insulation



Food, pharmaceutical, chemical industries

Product packaging



Mechanical

Clamping of low thickness parts

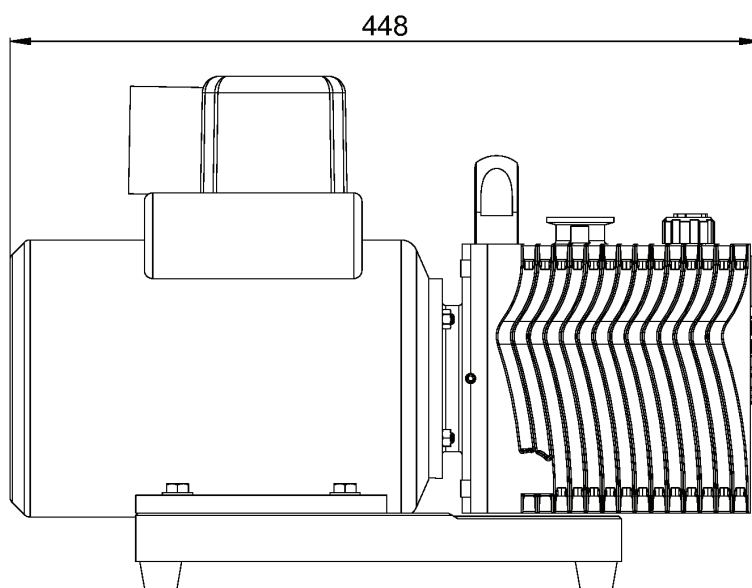
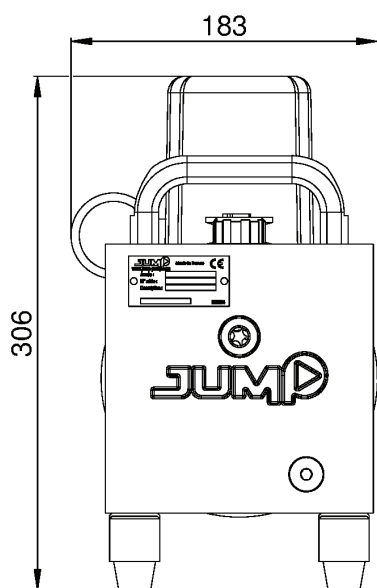
Operation principle

A shaft drives a piston inside a cylinder. The eccentric movement creates two pumping chambers allowing the transfer of the air from suction to discharge port creating vacuum in the suction chamber.

Characteristics

	JEV4	
Vacuum technology	Eccentric disc	
Sealing system	Lip seal	
Cylinder capacity	L	0,05
Speed (max.)	Rpm	1500
Nominal pumping speed	l/h	4230
Maximum vacuum	mbar	15
Minimum operating temperature	°C	-5
Maximum operating temperature	°C	70
Oil capacity	L	1
Sound level	dB(A)	58
Supply voltage	V	1 phase 220V
Motor power	kW	0.55
Weight	Kg	24
Flanges	ISO-KF DN25 connections	

Dimensions (mm)



Options

Special options on demand and/or according to your specifications.

- ① With or without handle
- ② ISO-KF DN25 connections or others
- ③ Engines:
 - Electric 1 phase 220V
 - Electric 3 phases 380V
 - Hydraulics
 - Pneumatic
 - With speed control for flow variation
- ④ Stationary or mobile chassis

Additional accessories:

- Recycling cutting oil system (for machine tools)
- Oil return kit
- Mist separator



Illustrations

The +

Minimum size requirements

Reduced maintenance time

Low sound level

Stainless steel / bronze
construction

Sealing by lip seal

Low shear of oil



Laboratories

Concentration by vacuum evaporation
with JEV4 pump.



Research

Experience of saturation H₂O vapour
pressure with the JEV4.



Mechanical

Clamping of a plexiglass plate by a JEV4
pump.