# Micro Vacuum Pump(Air pump)

## KVP8 series vacuum pump

Pretty | Low noise | High flow rate | High negative pressure

## Applications

Gas analysis | Physiotherapy | Mounter | Beauty industry

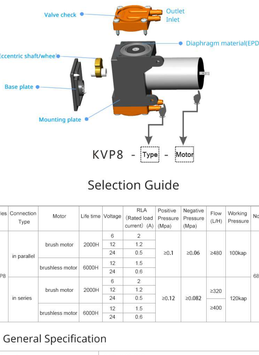
## Parameters

Micro diaphragm gas pumps from kamoer are based on a simple principle-an ekastic diaphragm , fixed on its edge, moves up and down its central point by means of an eccentric. In this way the gas is transferred using automatic valves.

## Features

Small but powerful
Negative pressure (in series) : <-0.082Mpa
Negative pressure( in parallel) : <-0.06Mpa
Dry running , durableand and maintenance free
Brush motor and brushless motor for selection
Flow rate: >480L/H
Air positive pressure: >0.1Mpa
Chemical stability

KVP8 series has 4 models, features and pictures as follows:




| The difference between Brush motor and Brushless motor is Lifetime | The difference between in series and in parallel is pressure & flow rate |
|---|---|
| Brush motor: 2000H | In Series: with high vacuum degree 0.082Mpa |
| Brushless motor: 6000H | In Parallel: with high flow rate 480L/H |

# Details

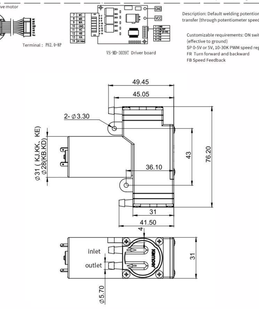

# Selection Guide

| Series | Connection Type | Motor | Life time | Voltage | RLA (Rated load current) (A) | Positive Pressure (Mpa) | Negative Pressure (Mpa) | Flow (L/H) | Working Pressure | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| KVP8 | in parallel | brush motor | 2000H | 6 | 2 | ≥0.1 | ≥-0.06 | ≥480 | 100kpa | 68DB |
| | | | | 12 | 1.2 | | | | | |
| | | | | 24 | 0.5 | | | | | |
| | | brushless motor | 6000H | 12 | 1.5 | | | | | |
| | | | | 24 | 0.6 | | | | | |
| | in series | brush motor | 2000H | 6 | 2 | ≥0.12 | ≥-0.082 | ≥320 | 120kap | |
| | | | | 12 | 1.2 | | | | | |
| | | | | 24 | 0.5 | | | | | |
| | | brushless motor | 6000H | 12 | 1.5 | | | ≥400 | | |
| | | | | 24 | 0.6 | | | | | |

## General Specification

| | |
|---|---|
| Weight | 0.23~0.28KGS |
| Environment temperature range | 0-40℃ (0 to 104℉) (Note: Freezing must be prevented) |
| Ambient humidity range | <80% RH |
| Certfications & Approvals | ISO9001, CE, RoHS |

## Size




## Multi-line speed diaphragm pump




## Brushless speed control series, the parameters are shown below