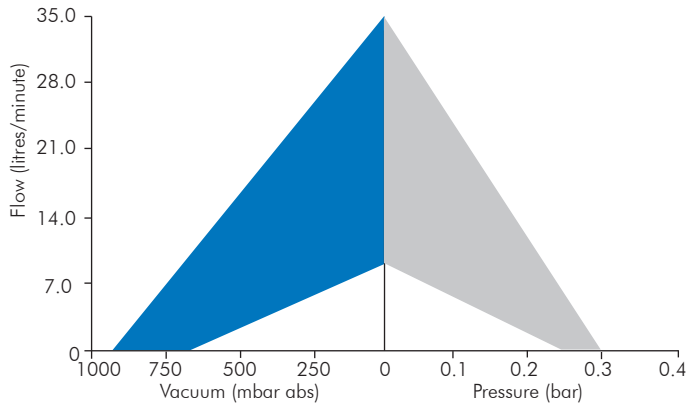


# BlueDiamond OEM Pumps Inc

## Performance Ranges Available



## Features

- Designed for continuous duty
- Offers low power consumption and life testing in excess of 14,000 hours
- The LD series offer exception output from a small foot print
- No sliding parts means wear and tear is kept minimal
- Provides a smooth pulse free flow at a low pressure
- Lightweight and compact with quick fit anti vibration mounts requiring no tools.

## Application Ideas

- Air beds
- dehumidifiers
- air sampling

## LD Series

Oil-Free - Linear Diaphragm Pumps

### LD10



### LD15



### LD30



### LD50 DE



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# LD Series

## Oil-Free - Linear Diaphragm Pumps

### Motor Type:

Electromagnetic vibrating linear motor

Model no.	Power Consumption (W)	Noise Level (dB)
LD10	8	44
LD15	10	46
LD30	20	50
LD50DE	35	50

### Connectors:

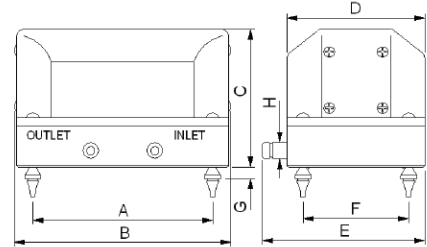
LD10 - 8.0 mm barbed  
 LD15 - 8.0 mm straight  
 LD30 - 8.0 mm barbed  
 LD50 DE - 8 mm straight

### Performance

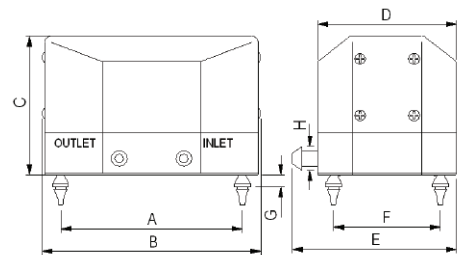
Model no.	flow (l/min) @ 0.05 bar pressure	max vacuum (mbar)	max pressure (bar)
LD10	8	880	0.25
LD15	15	760	0.30
LD30	28	700	0.30
LD50 DE	35	0.030	-

### Dimensions (mm)

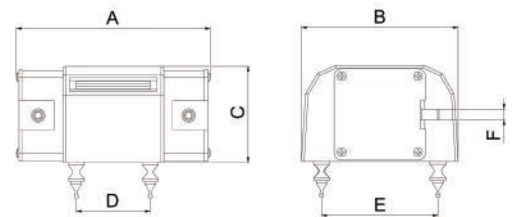
#### LD10



#### LD15 & LD30



#### LD50



Model no.	A	B	C	D	E	F	G	H
LD10	60	97	59	68	77	45	7.5	8
LD15	80	107	68	78	85	45	5.8	7.8
LD30	83	130	80	99	109	60	7	8.5
LD50 DE	145	117	73	60	86	8	-	-

Please note - it is important that you ensure the motor specification stated and the range of materials offered in the pump are compatible with the performance, environmental limitations and chemical resistance requirements of the application.

For further information or details of our extensive range of pumps, contact our technical sales office who will be pleased to help you select the most suitable pump for your application.