

# AC LINEAR

## Diaphragm Pump

### AC Linear Diaphragm Pump



VC0100



VC0101



VC0101E

★ Compressor ☆ Vacuum Pump

Specifications		
Model	VC0100 ★☆	VC0100 ★
Rated Pressure	4 kPa 0.04 bar 0.58 psig	4 kPa 0.04 bar 0.58 psig
Rated Airflow	6 L/min 0.21 cfm	6 L/min 0.21 cfm
Maximum Pressure	16 kPa(0.16 kgf/cm <sup>2</sup> ) 0.16 bar 2.32 psig	16 kPa(0.16 kgf/cm <sup>2</sup> ) 0.16 bar 2.32 psig
Working Pressure Range	-14.7 to 16 kPa -110 mmHg to 0.16 kgf/cm <sup>2</sup> -147 mbar to 0.16 bar -4.33 in.Hg to 2.28 psig	0 to 16 kPa 0 to 0.16 kgf/cm <sup>2</sup> 0 to 0.16 bar 0 to 2.28 psig
Rated Voltage	120 V AC or 230 V AC	120 V AC or 230 V AC
Weight	0.45 kg 0.99 Lbs	0.45 kg 0.99 Lbs
Mounting Dimensions	70 mm(L) × 72 mm(W) 2-3/4"(L) × 2-53/64"(W)	70 mm(L) × 72 mm(W) 2-3/4"(L) × 2-53/64"(W)

Model	VC0101(120 V) ★☆	VC0101(230 V) ★☆	VC0101 ★
Rated Pressure	10 kPa 0.1 bar 1.45 psig	10 kPa 0.1 bar 1.45 psig	10 kPa 0.1 bar 1.45 psig
Rated Airflow	10 L/min 0.35 cfm	10 L/min 0.35 cfm	10 L/min 0.35 cfm
Maximum Pressure	18 kPa(0.18 kgf/cm <sup>2</sup> ) 0.18 bar 2.61 psig	15 kPa(0.15 kgf/cm <sup>2</sup> ) 0.15 bar 2.17 psig	20 kPa(0.2 kgf/cm <sup>2</sup> ) 0.2 bar 2.9 psig
Working Pressure Range	-18.7 to 18 kPa -140 mmHg to 0.18 kgf/cm <sup>2</sup> -187 mbar to 0.18 bar -5.51 in.Hg to 2.56 psig	-10 to 15 kPa -76 mmHg to 0.15 kgf/cm <sup>2</sup> -100 mbar to 0.15 bar -2.95 in.Hg to 2.13 psig	0 to 20 kPa 0 to 0.2 kgf/cm <sup>2</sup> 0 to 0.2 bar 0 to 2.84 psig
Rated Voltage	120 V AC	230 V AC	230 V AC
Weight	0.82 kg 1.81 Lbs	0.82 kg 1.81 Lbs	0.82 kg 1.81 Lbs
Mounting Dimensions	66 mm(L) × 100 mm(W) 2-19/32"(L) × 2-15/16"(W)	66 mm(L) × 100 mm(W) 2-19/32"(L) × 2-15/16"(W)	66 mm(L) × 100 mm(W) 2-19/32"(L) × 3-15/16"(W)

Model	VC0101E ★☆	VC0101E ★
Rated Pressure	10 kPa 0.1 bar 1.45 psig	10 kPa 0.1 bar 1.45 psig
Rated Airflow	15 L/min 0.53 cfm	15 L/min 0.53 cfm
Maximum Pressure	20 kPa(0.2 kgf/cm <sup>2</sup> ) 0.2 bar 2.9 psig	20 kPa(0.2 kgf/cm <sup>2</sup> ) 0.2 bar 2.9 psig
Working Pressure Range	-18.7 to 20 kPa -140 mmHg to 0.2 kgf/cm <sup>2</sup> -187 mbar to 0.2 bar -5.51 in.Hg to 2.84 psig	0 to 20 kPa 0 to 0.2 kgf/cm <sup>2</sup> 0 to 0.2 bar 0 to 2.84 psig
Rated Voltage	120 V AC or 230 V AC	120 V AC or 230 V AC
Weight	0.82 kg 1.81 Lbs	0.82 kg 1.81 Lbs
Mounting Dimensions	66 mm(L) × 100 mm(W) 2-19/32"(L) × 3-15/16"(W)	66 mm(L) × 100 mm(W) 2-19/32"(L) × 3-15/16"(W)

# AC LINEAR

## Diaphragm Pump

### AC Linear Diaphragm Pump



VC0101S



VC0201B/VC0301B



VCK0120

★ Compressor ☆ Vacuum Pump

#### Specifications

Model	VC0101S ★☆	VC0101S ★
<b>Rated Pressure</b>	5 kPa 0.05 bar 0.72 psig	5 kPa 0.05 bar 0.72 psig
<b>Rated Airflow</b>	15 L/min 0.53 cfm	15 L/min 0.53 cfm
<b>Maximum Pressure</b>	26 kPa(0.26 kgf/cm <sup>2</sup> ) 0.26 bar 3.77 psig	26 kPa(0.26 kgf/cm <sup>2</sup> ) 0.26 bar 3.77 psig
<b>Working Pressure Range</b>	-24 to 26 kPa -180 mmHg to 0.26 kgf/cm <sup>2</sup> -240 mbar to 0.26 bar -7.09 in.Hg to 3.70 psig	0 to 26 kPa 0 to 0.26 kgf/cm <sup>2</sup> 0 to 0.26 bar 0 to 3.70 psig
<b>Rated Voltage</b>	120 V AC or 230 V AC	120 V AC or 230 V AC
<b>Weight</b>	0.82 kg 1.81 Lbs	0.83 kg 1.83 Lbs
<b>Mounting Dimensions</b>	66 mm(L) × 100 mm(W) 2- <sup>19</sup> / <sub>32</sub> "(L) × 3- <sup>15</sup> / <sub>16</sub> "(W)	66 mm(L) × 100 mm(W) 2- <sup>19</sup> / <sub>32</sub> "(L) × 3- <sup>15</sup> / <sub>16</sub> "(W)

Model	VC0201B ★☆	VC0201B ★
<b>Rated Pressure</b>	10 kPa 0.1 bar 1.45 psig	10 kPa 0.1 bar 1.45 psig
<b>Rated Airflow</b>	20 L/min 0.71 cfm	20 L/min 0.71 cfm
<b>Maximum Pressure</b>	18 kPa(0.18 kgf/cm <sup>2</sup> ) 0.18 bar 2.61 psig	18 kPa(0.18 kgf/cm <sup>2</sup> ) 0.18 bar 2.61 psig
<b>Working Pressure Range</b>	-18.7 to 18 kPa -140 mmHg to 0.18 kgf/cm <sup>2</sup> -187 mbar to 0.18 bar -5.51 in.Hg to 2.56 psig	0 to 18 kPa 0 to 0.18 kgf/cm <sup>2</sup> 0 to 0.18 bar 0 to 2.56 psig
<b>Rated Voltage</b>	120 V AC or 230 V AC	120 V AC or 230 V AC
<b>Weight</b>	1.7 kg 3.7 Lbs	1.7 kg 3.7 Lbs
<b>Mounting Dimensions</b>	125 mm(L) × 56 mm(W) 4- <sup>59</sup> / <sub>64</sub> "(L) × 2- <sup>13</sup> / <sub>64</sub> "(W)	125 mm(L) × 56 mm(W) 4- <sup>59</sup> / <sub>64</sub> "(L) × 2- <sup>13</sup> / <sub>64</sub> "(W)

Model	VCK0120 ☆
<b>Attainable Vacuum</b>	-26.7 kPa(-200 mmHg) -267 mbar -7.87 in.Hg
<b>Free Air Displacement</b>	18 L/min 0.64 cfm
<b>Rated Voltage</b>	120 V AC or 230 V AC
<b>Weight</b>	1.9 kg 4.2 Lbs
<b>Mounting Dimensions</b>	152 mm(L) × 128 mm(W) 5- <sup>63</sup> / <sub>64</sub> "(L) × 5- <sup>3</sup> / <sub>64</sub> "(W)

Model	VC0301B ★☆	VC0301B ★
<b>Rated Pressure</b>	10 kPa 0.1 bar 1.45 psig	10 kPa 0.1 bar 1.45 psig
<b>Rated Airflow</b>	25 L/min 0.88 cfm	25 L/min 0.88 cfm
<b>Maximum Pressure</b>	20 kPa(0.2 kgf/cm <sup>2</sup> ) 0.2 bar 2.9 psig	20 kPa(0.2 kgf/cm <sup>2</sup> ) 0.2 bar 2.9 psig
<b>Working Pressure Range</b>	-21.3 to 20 kPa -160 mmHg to 0.2 kgf/cm <sup>2</sup> -213 mbar to 0.2 bar -6.3 in.Hg to 2.84 psig	0 to 20 kPa 0 to 0.2 kgf/cm <sup>2</sup> 0 to 0.2 bar 0 to 2.84 psig
<b>Rated Voltage</b>	120 V AC or 230 V AC	120 V AC or 230 V AC
<b>Weight</b>	1.7 kg 3.7 Lbs	1.7 kg 3.7 Lbs
<b>Mounting Dimensions</b>	125 mm(L) × 56 mm(W) 4- <sup>59</sup> / <sub>64</sub> "(L) × 2- <sup>13</sup> / <sub>64</sub> "(W)	125 mm(L) × 56 mm(W) 4- <sup>59</sup> / <sub>64</sub> "(L) × 2- <sup>13</sup> / <sub>64</sub> "(W)