

AC LINEAR

Free Piston Compressor

AC Linear Piston Compressor Low pressure series



AC0102



AC0201A



AC0301A / AC0401A



AC0602



AC0901 / AC0902

Specifications

| Model | AC0102 | AC0201A |
|----------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Rated Pressure | 20 kPa 0.2 bar 2.9 psig | 10 kPa 0.1 bar 1.45 psig |
| Rated Airflow | 5 L/min 0.177 cfm | 20 L/min 0.71 cfm |
| Maximum Pressure | 40 kPa(0.4 kgf/cm ²) 0.4 bar 5.8 psig | 20 kPa(0.2 kgf/cm ²) 0.2 bar 2.9 psig |
| Rated Voltage | 115 V AC or 230 V AC | 115 V AC or 230 V AC |
| Weight | 0.7 kg 1.54 Lbs | 1.5 kg 3.3 Lbs |
| Mounting Dimensions | 48 mm(L) × 62 mm(W) 1 ^{-57/64} "(L) × 2 ^{-7/16} "(W) | 73 mm(L) × 88 mm(W) 2 ^{-7/8} "(L) × 3 ^{-15/32} "(W) |

| Model | AC0301A | AC0401A |
|----------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Rated Pressure | 10 kPa 0.1 bar 1.45 psig | 10 kPa 0.1 bar 1.45 psig |
| Rated Airflow | 28 L/min 0.99 cfm | 35 L/min 1.24 cfm |
| Maximum Pressure | 30 kPa(0.3 kgf/cm ²) 0.3 bar 4.35 psig | 35 kPa(0.35 kgf/cm ²) 0.35 bar 5.07 psig |
| Rated Voltage | 115 V AC or 230 V AC | 120 V AC or 230 V AC |
| Weight | 1.9 kg 4.2 Lbs | 1.9 kg 4.2 Lbs |
| Mounting Dimensions | 68 mm(L) × 84 mm(W) 2 ^{-43/64} "(L) × 3 ^{-5/16} "(W) | 68 mm(L) × 84 mm(W) 2 ^{-43/64} "(L) × 3 ^{-5/16} "(W) |

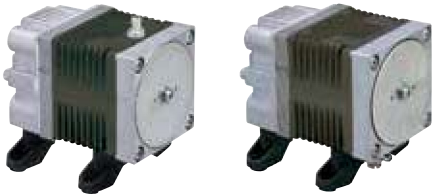
| Model | AC0602 | AC0901 |
|----------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Rated Pressure | 15 kPa 0.15 bar 2.17 psig | 10 kPa 0.1 bar 1.45 psig |
| Rated Airflow | 40 L/min 1.41 cfm | 80 L/min 2.83 cfm |
| Maximum Pressure | 35 kPa(0.35 kgf/cm ²) 0.35 bar 5.07 psig | 40 kPa(0.4 kgf/cm ²) 0.4 bar 5.8 psig |
| Rated Voltage | 115 V AC or 230 V AC | 120 V AC or 230 V AC |
| Weight | 3 kg 6.6 Lbs | 4.9 kg 10.8 Lbs |
| Mounting Dimensions | 68 mm(L) × 84 mm(W) 2 ^{-43/64} "(L) × 3 ^{-5/16} "(W) | 102 mm(L) × 130 mm(W) 4 ^{-1/64} "(L) × 5 ^{-1/8} "(W) |

| Model | AC0902 |
|----------------------------|---------------------------------------------------------------------------|
| Rated Pressure | 20 kPa 0.2 bar 2.9 psig |
| Rated Airflow | 55 L/min 1.94 cfm |
| Maximum Pressure | 45 kPa(0.45 kgf/cm ²) 0.45 bar 6.52 psig |
| Rated Voltage | 115 V AC or 230 V AC |
| Weight | 4.9 kg 10.8 Lbs |
| Mounting Dimensions | 102 mm(L) × 130 mm(W) 4 ^{-1/64} "(L) × 5 ^{-1/8} "(W) |

AC LINEAR

Free Piston Compressor

AC Linear Piston Compressor Intermediate Pressure Series



AC0105

AC0110



AC0207



AC0410A



AC0610 / AC0610A



AC0910 / AC0920

Specifications

| Model | AC0105 | AC0110 |
|----------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Rated Pressure | 50 kPa 0.5 bar 7.25 psig | 100 kPa 1.0 bar 14.5 psig |
| Rated Airflow | 2.5 L/min 0.088 cfm | 0.8 L/min 0.028 cfm |
| Maximum Pressure | 80 kPa(0.8 kgf/cm ²) 0.8 bar 11.6 psig | 120 kPa(1.2 kgf/cm ²) 1.2 bar 17.4 psig |
| Rated Voltage | 115 V AC or 230 V AC | 115 V AC or 230 V AC |
| Weight | 0.7 kg 1.54 Lbs | 0.7 kg 1.54 Lbs |
| Mounting Dimensions | 48 mm(L) × 62 mm(W) 1 ^{-57/64} "(L) × 2 ^{-7/16} "(W) | 48 mm(L) × 62 mm(W) 1 ^{-57/64} "(L) × 2 ^{-7/16} "(W) |

| Model | AC0207 | AC0410A |
|----------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Rated Pressure | 70 kPa 0.7 bar 10.15 psig | 100 kPa 1.0 bar 14.5 psig |
| Rated Airflow | 3.5 L/min 0.124 cfm | 5 L/min 0.177 cfm |
| Maximum Pressure | 100 kPa(1.0 kgf/cm ²) 1.0 bar 14.5 psig | 130 kPa(1.3 kgf/cm ²) 1.3 bar 18.8 psig |
| Rated Voltage | 115 V AC or 230 V AC | 115 V AC or 230 V AC |
| Weight | 1.7 kg 3.7 Lbs | 2.1 kg 4.6 Lbs |
| Mounting Dimensions | 75 mm(L) × 88 mm(W) 2 ^{-61/64} "(L) × 3 ^{-15/32} "(W) | 68 mm(L) × 98 mm(W) 2 ^{-43/64} "(L) × 3 ^{-55/64} "(W) |

| Model | AC0610 | AC0610A |
|----------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Rated Pressure | 100 kPa 1.0 bar 14.5 psig | 100 kPa 1.0 bar 14.5 psig |
| Rated Airflow | 8 L/min 0.283 cfm | 8 L/min 0.283 cfm |
| Maximum Pressure | 150 kPa(1.5 kgf/cm ²) 1.5 bar 21.7 psig | 150 kPa(1.5 kgf/cm ²) 1.5 bar 21.7 psig |
| Rated Voltage | 115 V AC or 230 V AC | 115 V AC or 230 V AC |
| Weight | 3.2 kg 7.1 Lbs | 3.2 kg 7.1 Lbs |
| Mounting Dimensions | 68 mm(L) × 84 mm(W) 2 ^{-43/64} "(L) × 3 ^{-5/16} "(W) | 68 mm(L) × 84 mm(W) 2 ^{-43/64} "(L) × 3 ^{-5/16} "(W) |

| Model | AC0910 | AC0920 |
|----------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Rated Pressure | 100 kPa 1.0 bar 14.5 psig | 200 kPa 2.0 bar 14.5 psig |
| Rated Airflow | 16 L/min 0.57 cfm | 8 L/min 0.283 cfm |
| Maximum Pressure | 150 kPa(1.5 kgf/cm ²) 1.5 bar 21.7 psig | 300 kPa(3.0 kgf/cm ²) 3.0 bar 43.5 psig |
| Rated Voltage | 115 V AC or 230 V AC | 115 V AC or 230 V AC |
| Weight | 4.9 kg 10.8 Lbs | 5 kg 11 Lbs |
| Mounting Dimensions | 102 mm(L) × 130 mm(W) 4 ^{-1/64} "(L) × 5 ^{-1/8} "(W) | 102 mm(L) × 130 mm(W) 4 ^{-1/64} "(L) × 5 ^{-1/8} "(W) |

AC LINEAR

Free Piston Vacuum Pump

AC Linear Piston Vacuum Pump



VP0125 / VP0140



VP0435A



VP0450



VP0625



VP0660



VP0925A

Specifications

| Model | VP0125 | VP0140 |
|-----------------------|----------------------------------------------------|----------------------------------------------------|
| Attainable Vacuum | -33.3 kPa -250 mmHg -333 mbar -9.84 in.Hg | -53.3 kPa -400 mmHg -533 mbar -15.7 in.Hg |
| Free Air Displacement | 7 L/min 0.247 cfm | 3 L/min 0.106 cfm |
| Rated Voltage | 115 V AC or 230 V AC | 115 V AC or 230 V AC |
| Weight | 0.7 kg 1.54 Lbs | 0.7 kg 1.54 Lbs |
| Mounting Dimensions | 48 mm(L) × 62 mm(W) 1.57/64"(L) × 2.7/16"(W) | 48 mm(L) × 62 mm(W) 1.57/64"(L) × 2.7/16"(W) |

| Model | VP0435A | VP0450 |
|-----------------------|----------------------------------------------------|----------------------------------------------------|
| Attainable Vacuum | -46.7 kPa -350 mmHg -467 mbar -13.8 in.Hg | -66.7 kPa -500 mmHg -667 mbar -19.7 in.Hg |
| Free Air Displacement | 25 L/min 0.88 cfm | 18 L/min 0.64 cfm |
| Rated Voltage | 115 V AC or 230 V AC | 120 V AC or 230 V AC |
| Weight | 2.3 kg 5.1 Lbs | 2.2 kg 4.9 Lbs |
| Mounting Dimensions | 68 mm(L) × 84 mm(W) 2.43/64"(L) × 3.5/16"(W) | 85 mm(L) × 88 mm(W) 3.11/32"(L) × 3.15/32"(W) |

| Model | VP0625 | VP0660 |
|-----------------------|----------------------------------------------------|--------------------------------------------------|
| Attainable Vacuum | -33.3 kPa -250 mmHg -333 mbar -9.84 in.Hg | -80 kPa -600 mmHg -800 mbar -23.6 in.Hg |
| Free Air Displacement | 40 L/min 1.41 cfm | 25 L/min 0.88 cfm |
| Rated Voltage | 115 V AC or 230 V AC | 115 V AC or 230 V AC |
| Weight | 3 kg 6.6 Lbs | 5 kg 11 Lbs |
| Mounting Dimensions | 68 mm(L) × 84mm(W) 2.43/64"(L) × 3.5/16"(W) | 102 mm(L) × 130 mm(W) 4.1/64"(L) × 5.1/8"(W) |

| Model | VP0925A |
|-----------------------|----------------------------------------------------|
| Attainable Vacuum | -33.3 kPa -250 mmHg -333 mbar -9.84 in.Hg |
| Free Air Displacement | 80 L/min 2.83 cfm |
| Rated Voltage | 115 V AC or 230 V AC |
| Weight | 4.5 kg 9.9 Lbs |
| Mounting Dimensions | 102 mm(L) × 130 mm(W) 4.1/64"(L) × 5.1/8"(W) |