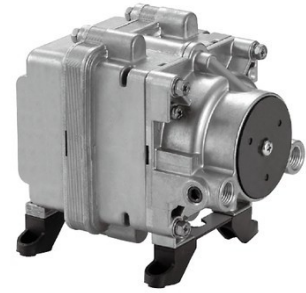
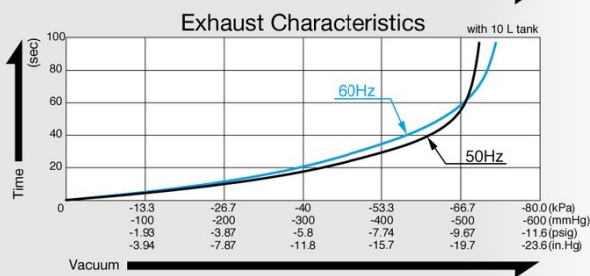
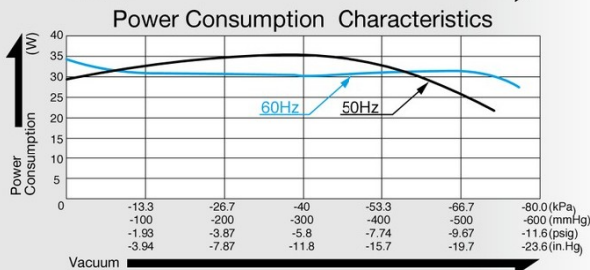
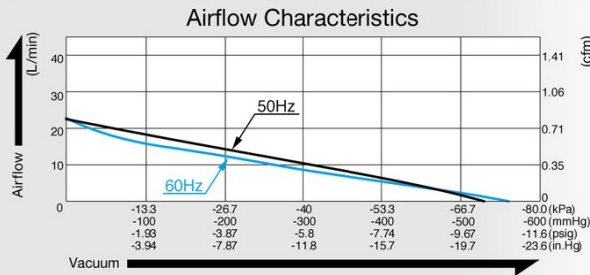


Vacuum Pump

Model VP0450



Airflow & Power Consumption



Specifications

Attainable Vacuum	-66.7 kPa (-500 mmHg) -667 mbar -19.7 in. Hg	
Free Air Displacement	18 L/min 0.64 cfm	
Rated Voltage	120 V AC	230 V AC
Power Consumption	34 W	35 W
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Inlet	ISO Rc 1/4	
Outlet	ISO Rc 1/4	
Duty Cycle	Continuous	
Coil Insulation Class	E or its equivalent (JETL) and A for UL	
Mounting Dimensions	85 (L) x 88 (W) mm 3-11/32" (L) x 3-15/32" (W)	
Weight	2.2 kg	4.9 Lbs
Leadwire Length	300 mm	11-13/16"

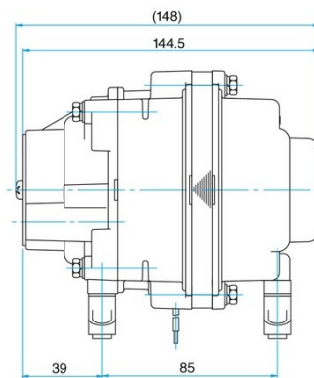
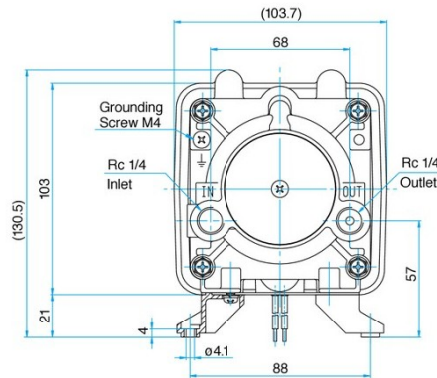
Application Examples

Machine Screw Feeder

Air Sampler



Dimensional Outline Drawing (Unit : mm)

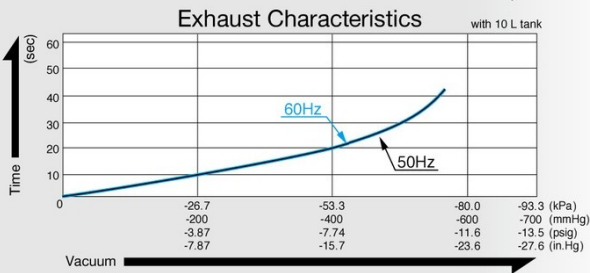
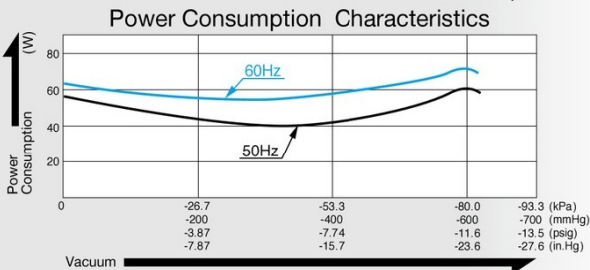
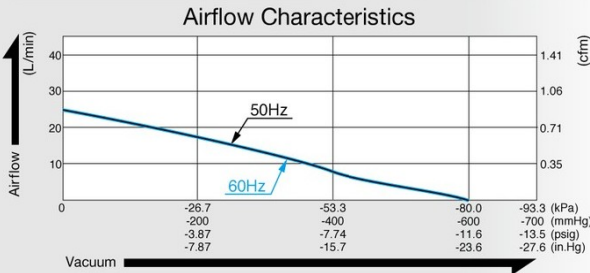


Vacuum Pump

Model VPO660



Airflow & Power Consumption



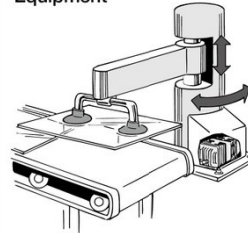
Specifications

Attainable Vacuum *1	-80 kPa (-600 mmHg) -800 mbar -23.6 in. Hg	
Free Air Displacement	25 L/min 0.88 cfm	
Rated Voltage	115 V AC	230 V AC
Power Consumption	70 W	60 W
Rated Frequency	60 Hz	50 Hz
Rated Performance	6,000 hours	
Inlet	ISO Rc 1/4	
Outlet	ISO Rc 1/4	
Duty Cycle	Continuous	
Coil Insulation Class	E or its equivalent (JETL) and B for UL	
Mounting Dimensions	102 (L) x 130 (W) mm 4-1/64" (L) x 5-1/8" (W)	
Weight	5 kg 11 Lbs	
Leadwire Length	300 mm 11-13/16"	600 mm 23-5/8"

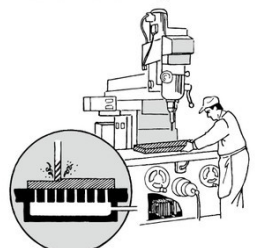
*1: Operations at higher than -53.5kPa need an additional leak valve or relief valve on the inlet piping.

Application Examples

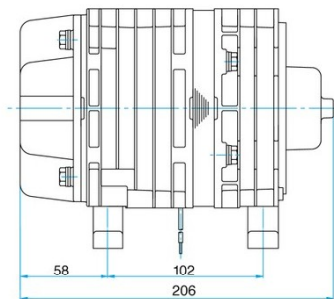
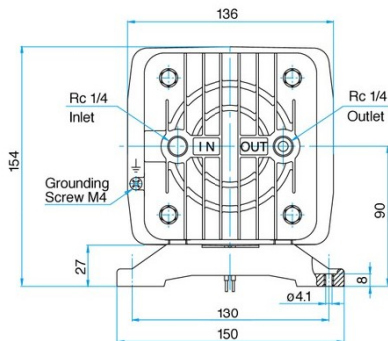
Vacuum Material Handling Equipment



Vacuum Chucking



Dimensional Outline Drawing (Unit: mm)

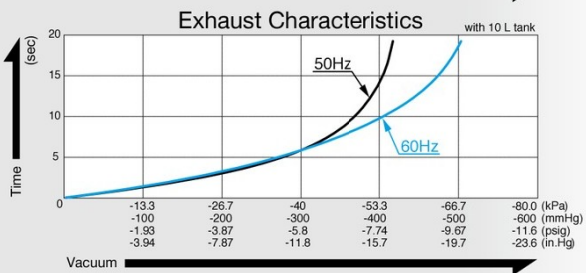
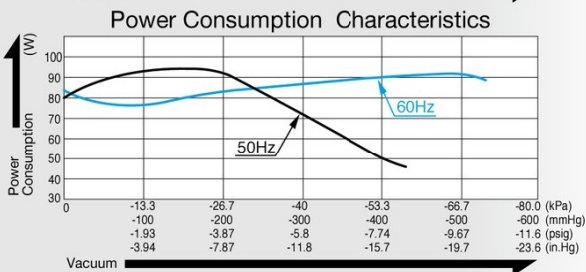
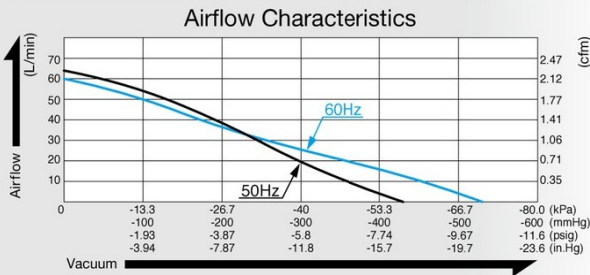


Vacuum Pump

Model VP0940



Airflow & Power Consumption



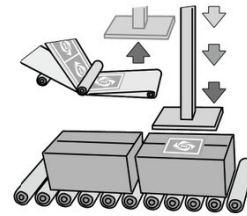
Specifications

Attainable Vacuum *1	-53.3 kPa (-400 mmHg) -533 mbar -15.7 in. Hg	
Free Air Displacement	60 L/min 2.12 cfm	
Rated Voltage	115 V AC	230 V AC
Power Consumption	95 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Inlet	ISO Rc 1/4	
Outlet	ISO Rc 1/4	
Duty Cycle	Continuous	
Coil Insulation Class	B or its equivalent (JETL) and B for UL	
Mounting Dimensions	102 (L) x 130 (W) mm 4-1/64" (L) x 5-1/8" (W)	
Weight	4.55 kg 10.0 Lbs	
Leadwire Length	300 mm 11-13/16"	320 mm 12-19/32"

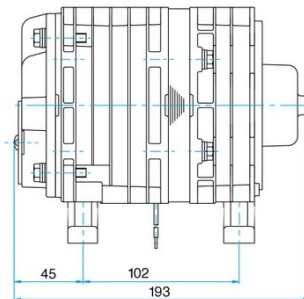
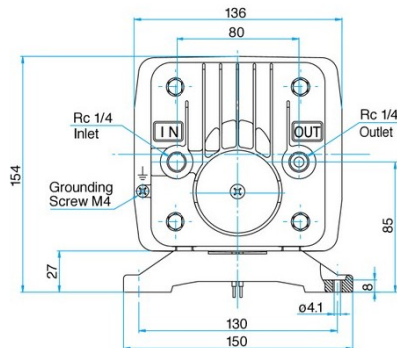
*1: Operations at higher than -53.3kPa need an additional leak valve or relief valve on the inlet piping.

Application Examples

Label Sticking Machine



Dimensional Outline Drawing (Unit : mm)



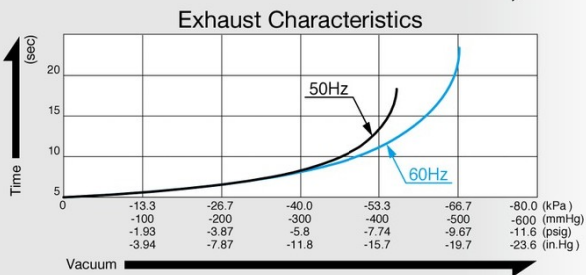
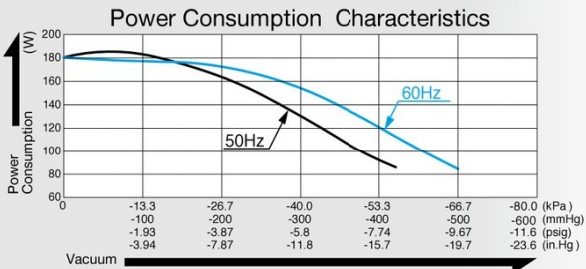
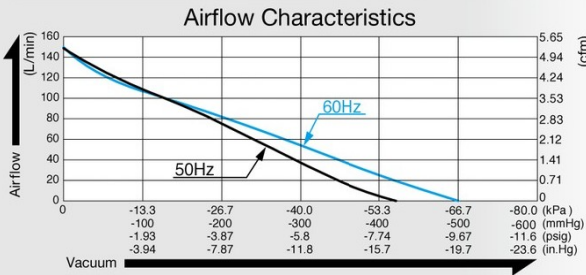
Vacuum Pump

Model VP0940T

115 V is made to order



Airflow & Power Consumption

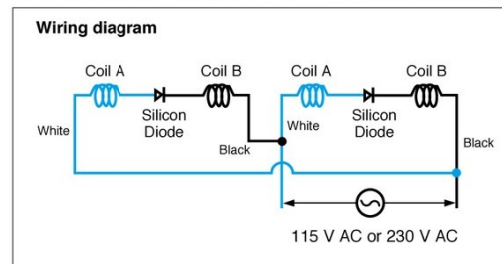


Specifications

Attainable Vacuum *1	-53.3 kPa (-400 mmHg) -533 mbar -15.7 in. Hg	
Free Air Displacement	120 L/min 4.24 cfm	
Rated Voltage	115 V AC *2	230 V AC
Power Consumption	185 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Inlet	ISO Rc 3/8	
Outlet	ISO Rc 3/8	
Duty Cycle	Continuous	
Coil Insulation Class	B or its equivalent (JETL)	
Mounting Dimensions	172 (L) x 211 (W) mm 6-49/64" (L) x 8-5/16" (W)	
Weight	10 kg 22 Lbs	
Leadwire Length	300 mm 11-13/16"	320 mm 12-19/32"

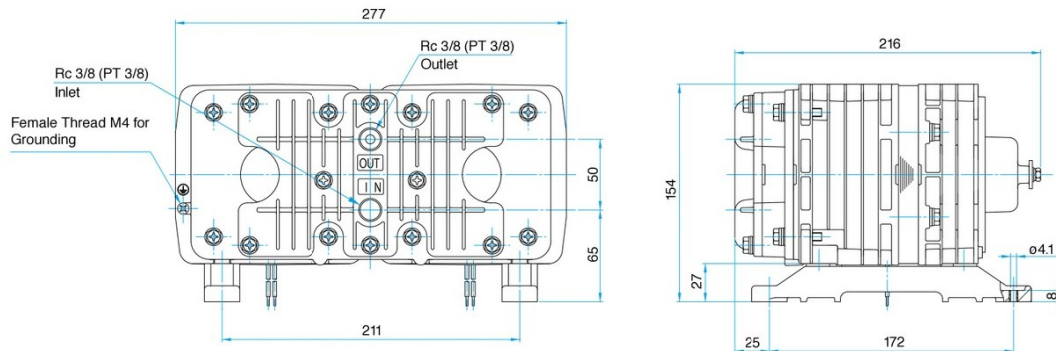
*1: Operations at higher than -53.3kPa need an additional leak valve or relief valve on the inlet piping.
*2: UL Pending

Application Examples



*The silencer, air filter, and pipe are not included with the product.
*Piping and wiring need to be done by the user.

Dimensional Outline Drawing (Unit : mm)





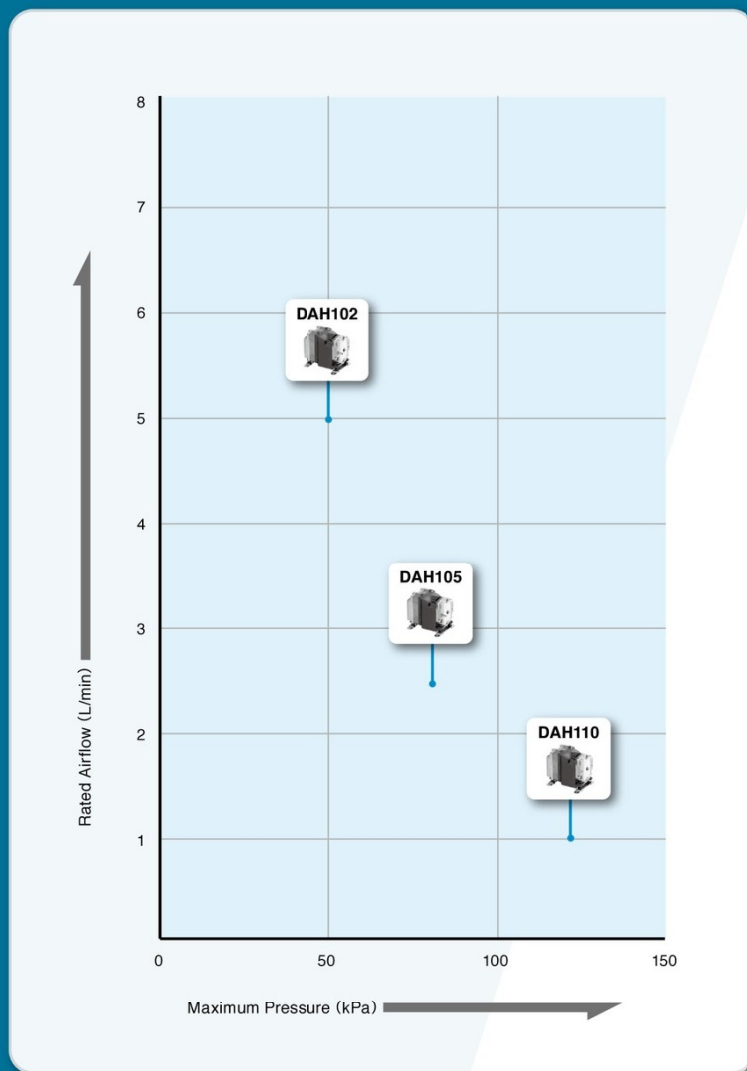
DC LINEAR
Free Piston Compressor

AIR COMPRESSOR

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DAH series

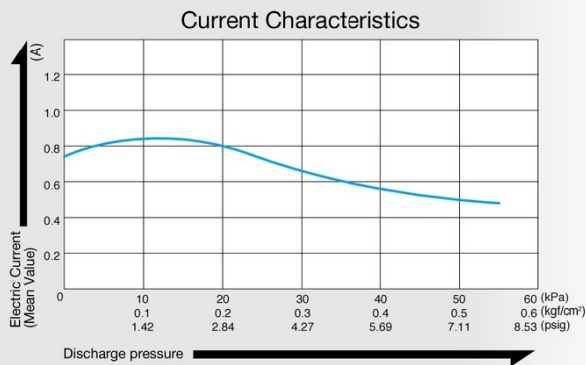
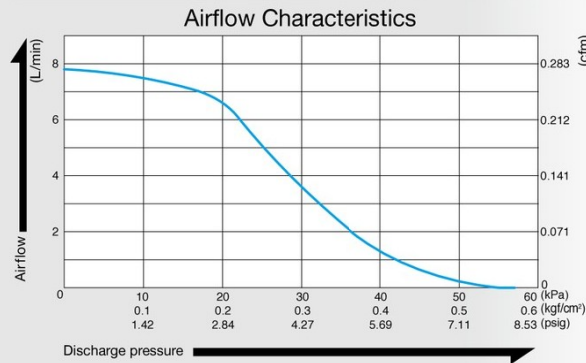


Compressor

Model **DAH102-X1** 12 V DC



Airflow & Electric Current



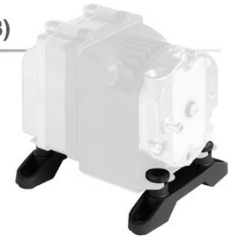
Specifications

Rated Pressure	20 kPa (0.2 kgf/cm ²) 0.2 bar 2.84 psig
Rated Airflow	5 L/min *1 0.177 cfm
Maximum Pressure	50 kPa (0.5 kgf/cm ²) 0.5 bar 7.11 psig
Rated Voltage	12 V DC
Current (Mean Value)	0.81 A
Rated Performance	10,000 hours
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Airflow at rated pressure.

Optional Accessory (LB07793)

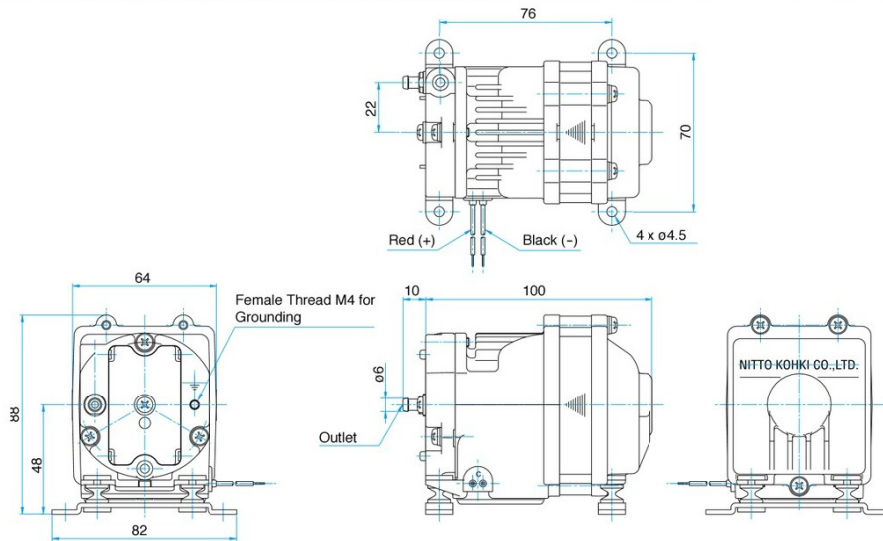
Heavy duty rubber feet available on request.



Application Examples

Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)

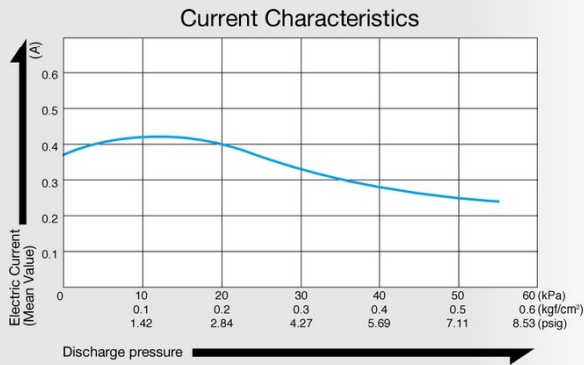
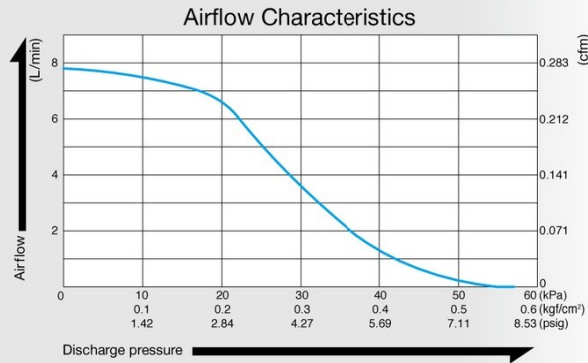


Compressor

Model **DAH102-Y1** 24 V DC



Airflow & Electric Current



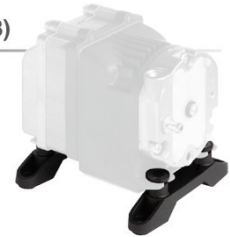
Specifications

Rated Pressure	20 kPa (0.2 kgf/cm ²) 0.2 bar 2.84 psig
Rated Airflow	5 L/min *1 0.177 cfm
Maximum Pressure	50 kPa (0.5 kgf/cm ²) 0.5 bar 7.11 psig
Rated Voltage	24 V DC
Current (Mean Value)	0.40 A
Rated Performance	10,000 hours
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Airflow at rated pressure.

Optional Accessory (LB07793)

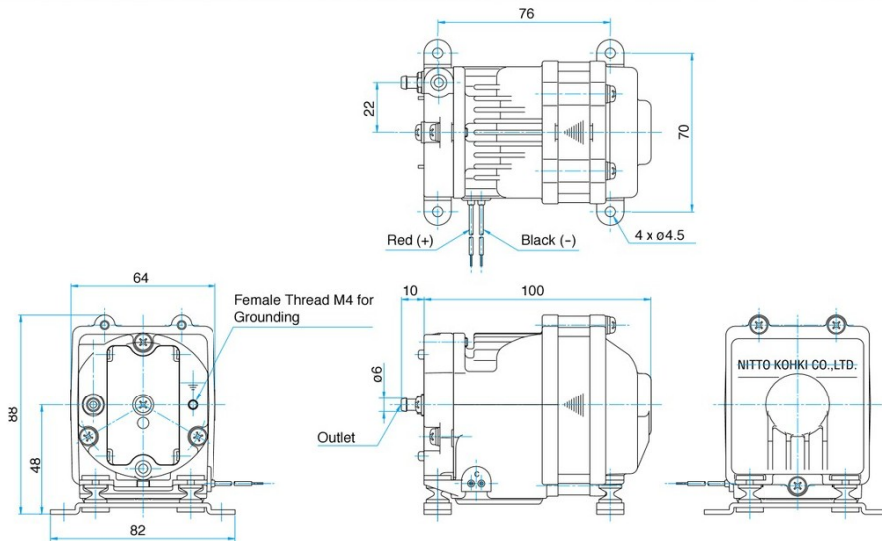
Heavy duty rubber feet available on request.



Application Examples

Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)

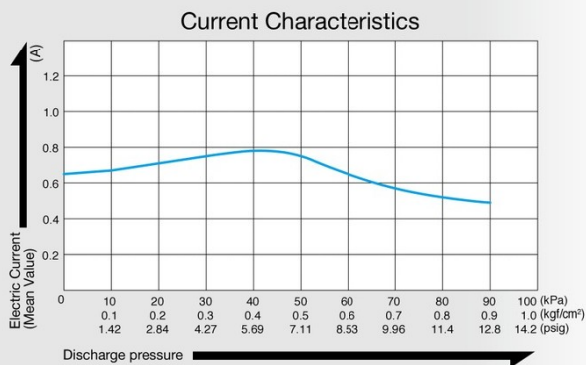
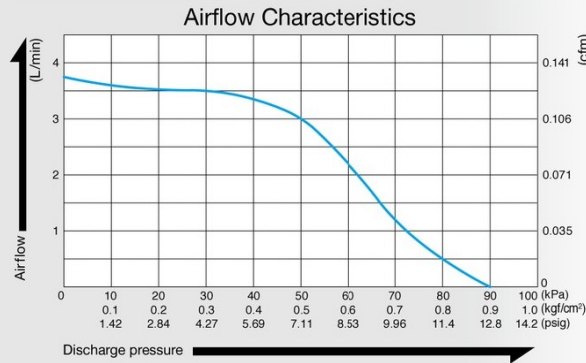


Compressor

Model **DAH105-X1** 12 V DC



Airflow & Electric Current



Specifications

Rated Pressure	50 kPa (0.5 kgf/cm ²) 0.5 bar 7.11 psig
Rated Airflow	2.5 L/min *1 0.088 cfm
Maximum Pressure	80 kPa (0.8 kgf/cm ²) 0.8 bar 11.4 psig
Rated Voltage	12 V DC
Current (Mean Value)	0.74 A
Rated Performance (MTTF)	10,000 hours
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Airflow at rated pressure.

Optional Accessory (LB07793)

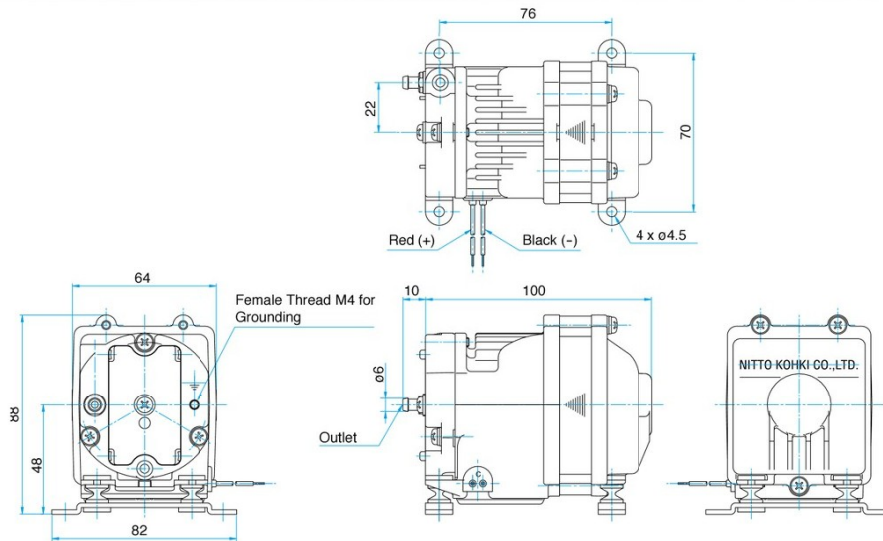
Heavy duty rubber feet available on request.



Application Examples

Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit : mm)

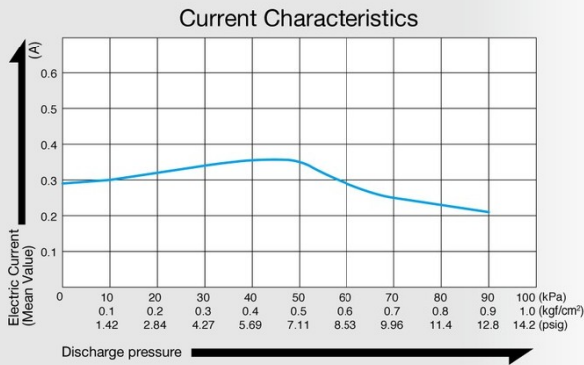
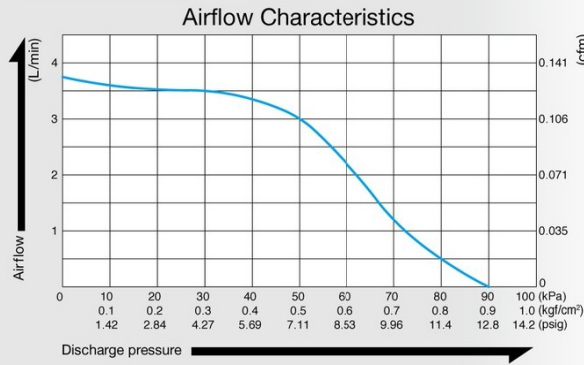


Compressor

Model **DAH105-Y1** 24 V DC



Airflow & Electric Current



Specifications

Rated Pressure	50 kPa (0.5 kgf/cm ²) 0.5 bar 7.11 psig
Rated Airflow	2.5 L/min *1 0.088 cfm
Maximum Pressure	80 kPa (0.8 kgf/cm ²) 0.8 bar 11.4 psig
Rated Voltage	24 V DC
Current (Mean Value)	0.35 A
Rated Performance (MTTF)	10,000 hours
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Airflow at rated pressure.

Optional Accessory (LB07793)

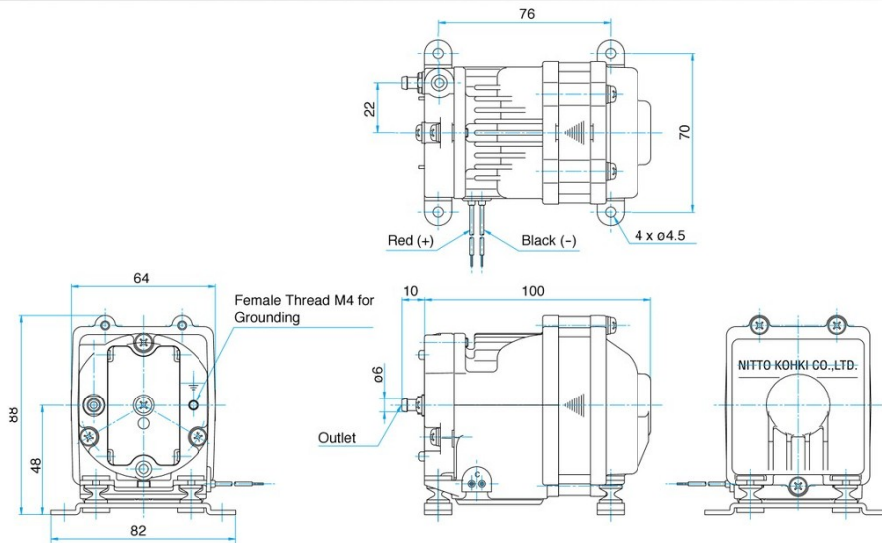
Heavy duty rubber feet available on request.



Application Examples

Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)

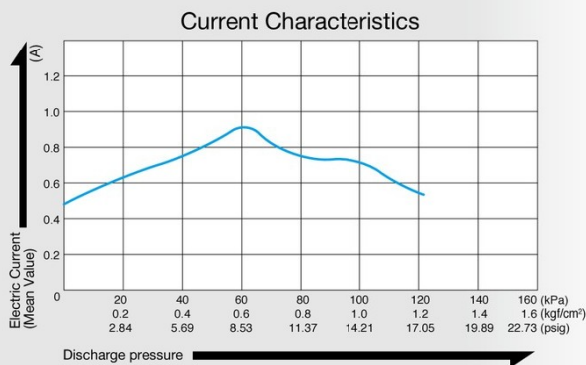
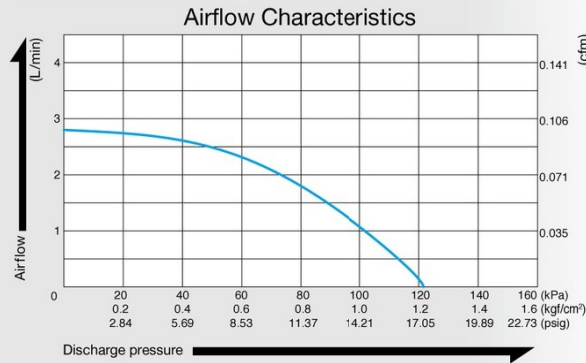


Compressor

Model **DAH110-X1** 12 V DC



Airflow & Electric Current



Specifications

Rated Pressure	100 kPa (1.0 kgf/cm ²) 1.0 bar 14.2 psig
Rated Airflow	1.0 L/min *1 0.035 cfm
Maximum Pressure	120 kPa (1.2 kgf/cm ²) 1.2 bar 17.1 psig
Rated Voltage	12 V DC
Current (Mean Value)	0.74 A
Rated Performance (MTTF)	5,000 hours
Outlet	4.7 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Airflow at rated pressure.

Optional Accessory (LB07793)

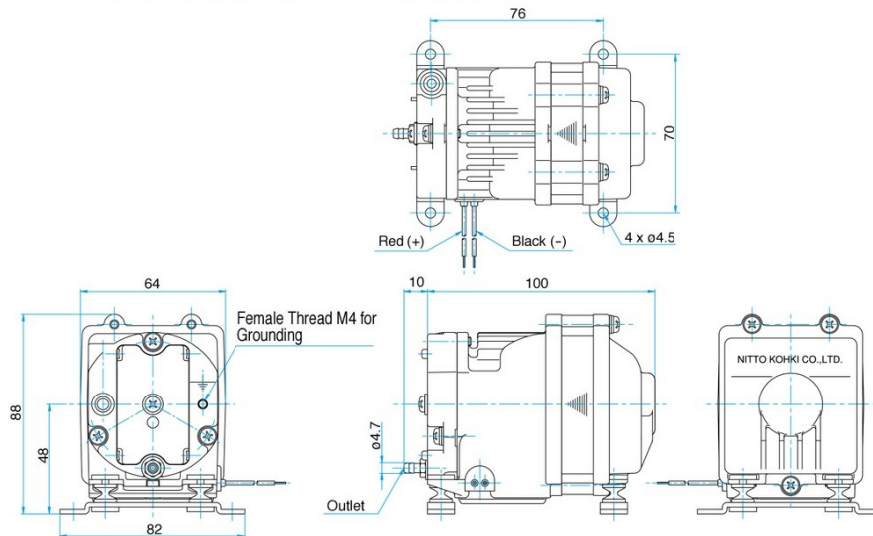
Heavy duty rubber feet available on request.



Application Examples

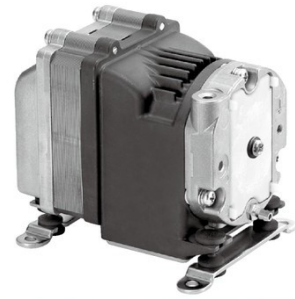
Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)

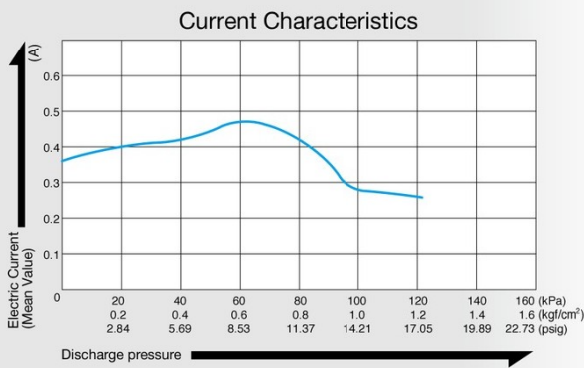
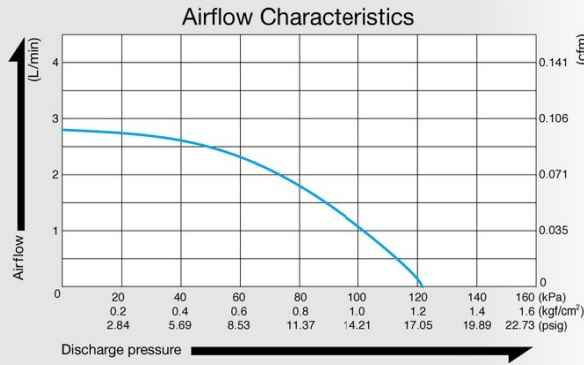


Compressor

Model **DAH110-Y1** 24 V DC



Airflow & Electric Current



Specifications

Rated Pressure	100 kPa (1.0 kgf/cm ²) 1.0 bar 14.2 psig
Rated Airflow	1.0 L/min *1 0.035 cfm
Maximum Pressure	120 kPa (1.2 kgf/cm ²) 1.2 bar 17.1 psig
Rated Voltage	24 V DC
Current (Mean Value)	0.27 A
Rated Performance (MTTF)	5,000 hours
Outlet	4.7 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Airflow at rated pressure.

Optional Accessory (LB07793)

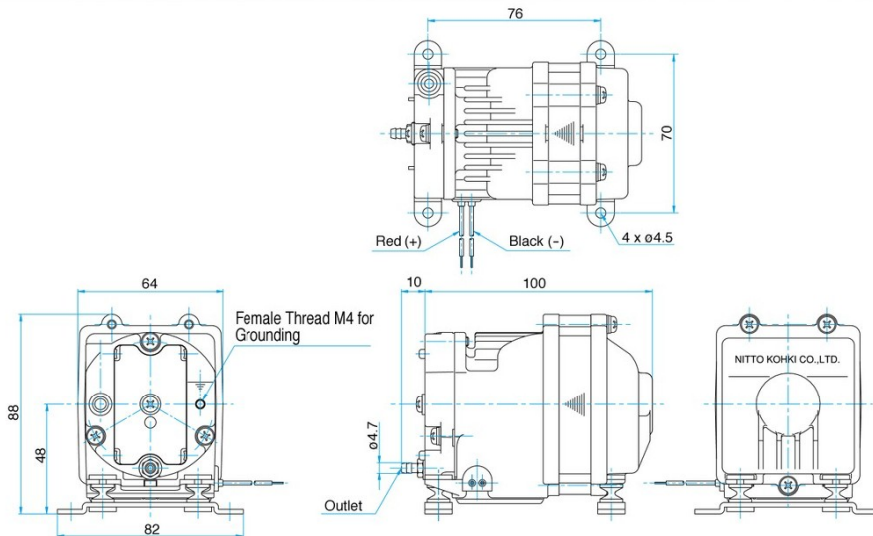
Heavy duty rubber feet available on request.



Application Examples

Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit : mm)





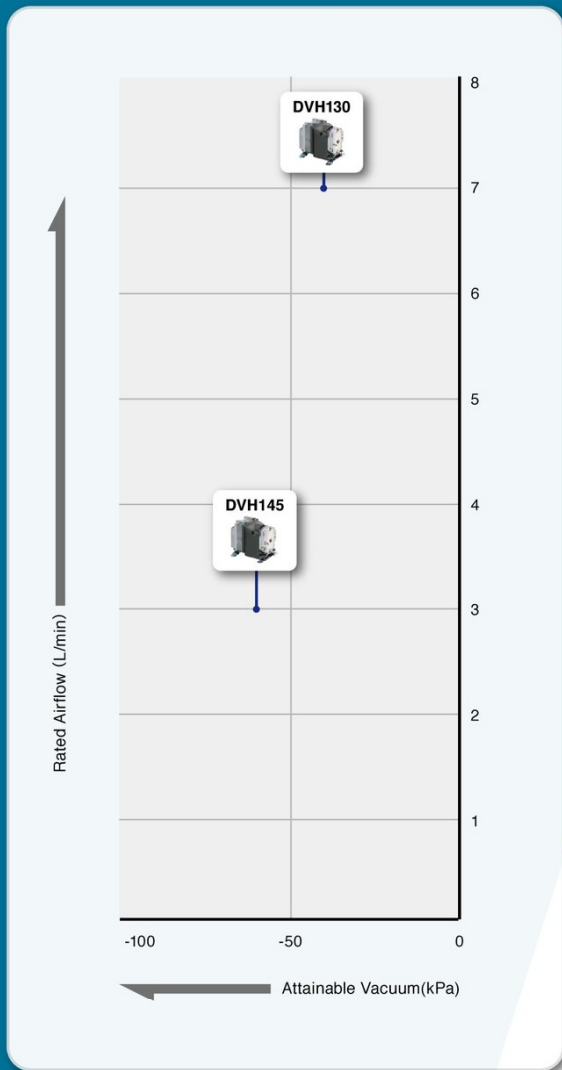
DC LINEAR
Free Piston Vacuum Pump

VACUUM PUMP

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DVH series

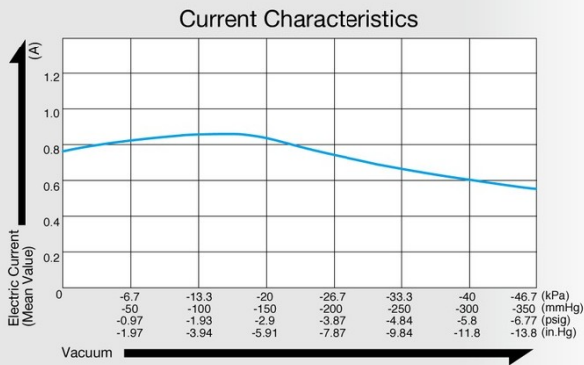
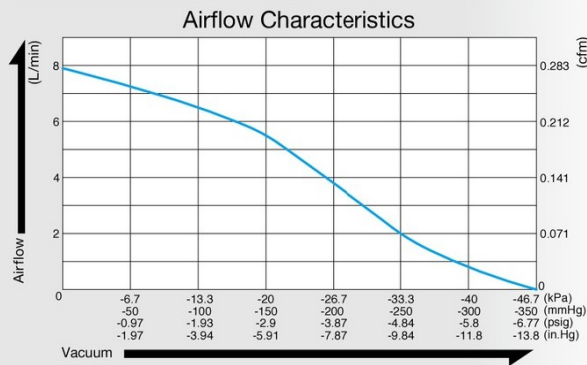


Vacuum Pump

Model DVH130-X1 12 V DC



Airflow & Electric Current



Specifications

Attainable Vacuum	-40 kPa (-300 mmHg) -400 mbar -11.8 in. Hg
Free Air Displacement	7 L/min *1 0.247 cfm
Rated Voltage	12 V DC
Current (Mean Value)	0.86 A
Rated Performance	10,000 hours
Inlet	6 mm O.D. hose barb
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Free air displacement at no-load operation.

Optional Accessory (LB07793)

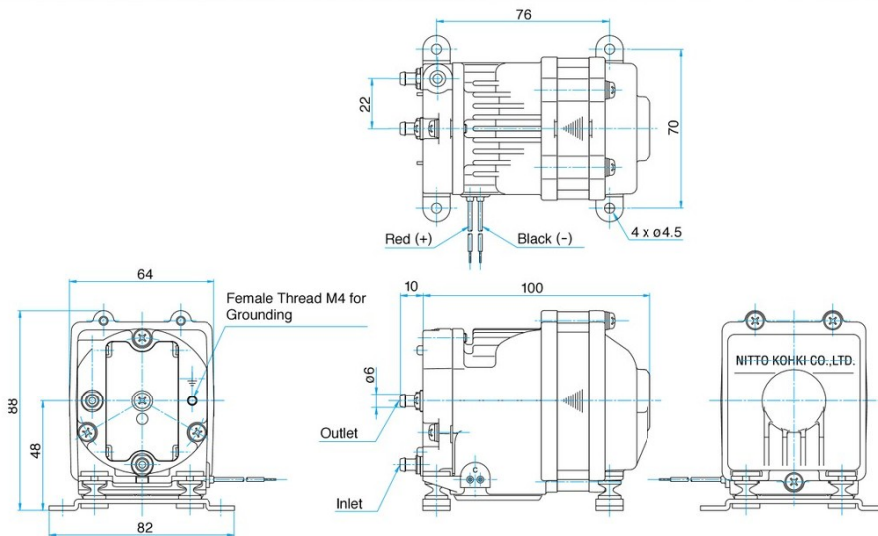
Heavy duty rubber feet available on request.



Application Examples

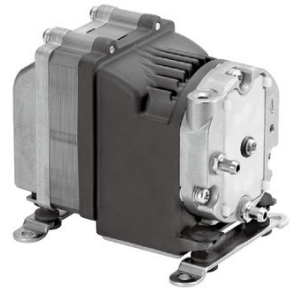
Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)

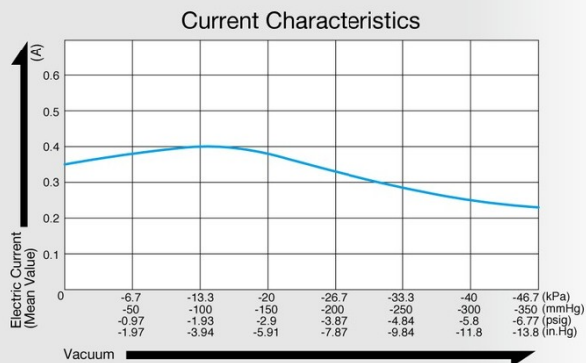
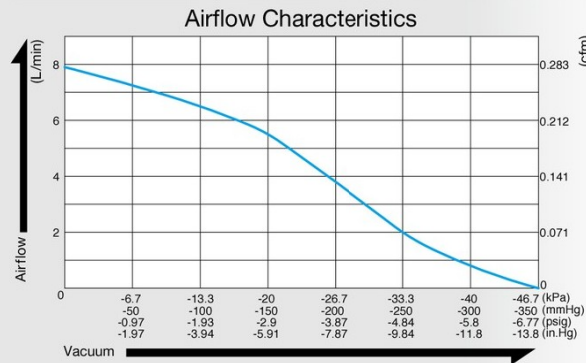


Vacuum Pump

Model DVH130-Y1 24 V DC



Airflow & Electric Current



Specifications

Attainable Vacuum	-40 kPa (-300 mmHg) -400 mbar -11.8 in. Hg
Free Air Displacement	7 L/min *1 0.247 cfm
Rated Voltage	24 V DC
Current (Mean Value)	0.41 A
Rated Performance	10,000 hours
Inlet	6 mm O.D. hose barb
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Free air displacement at no-load operation.

Optional Accessory (LB07793)

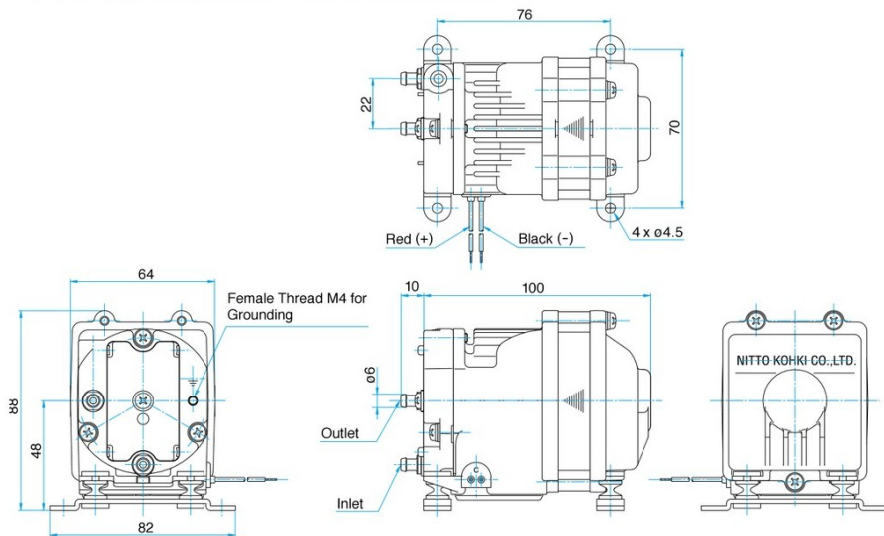
Heavy duty rubber feet available on request.



Application Examples

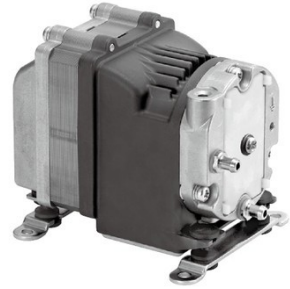
Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)

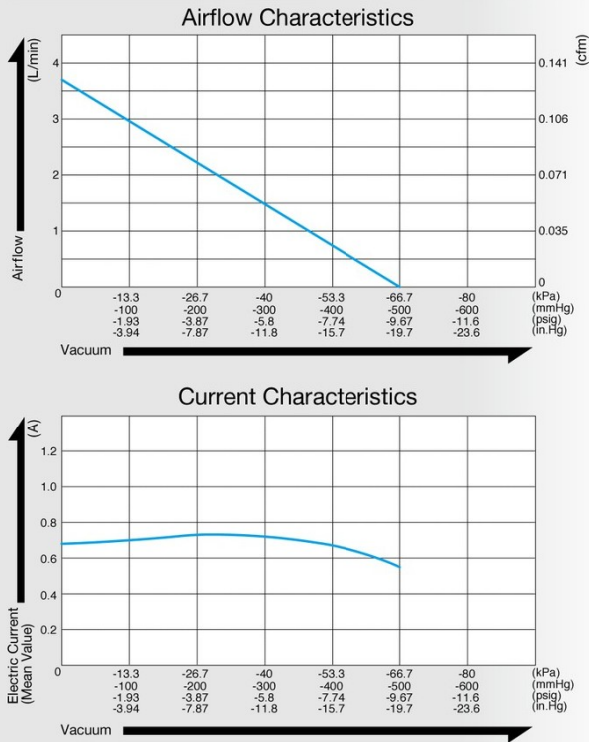


Vacuum Pump

Model DVH145-X1 12 V DC



Airflow & Electric Current



Specifications

Attainable Vacuum	-60 kPa (-450 mmHg) -600 mbar -17.7 in. Hg
Free Air Displacement	3 L/min *1 0.106 cfm
Rated Voltage	12 V DC
Current (Mean Value)	0.73 A
Rated Performance (MTTF)	10,000 hours
Inlet	6 mm O.D. hose barb
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Free air displacement at no-load operation.

Optional Accessory (LB07793)

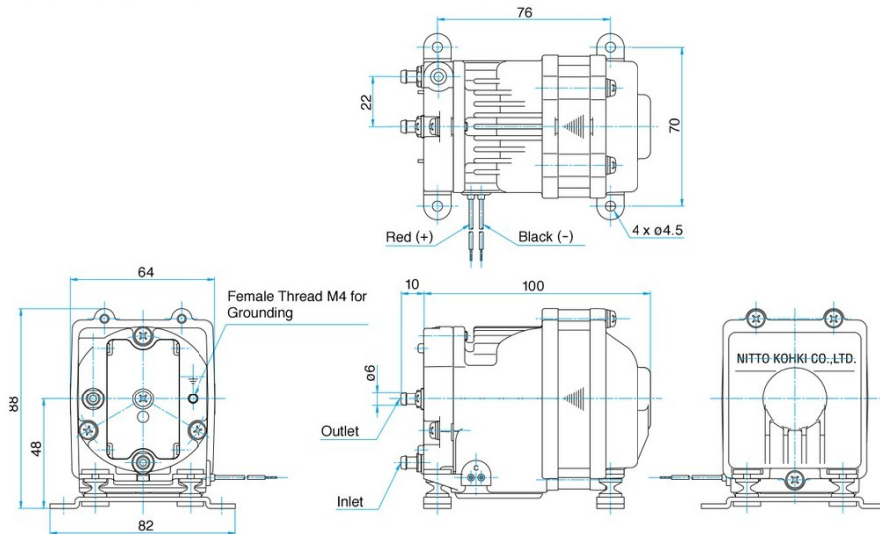
Heavy duty rubber feet available on request.



Application Examples

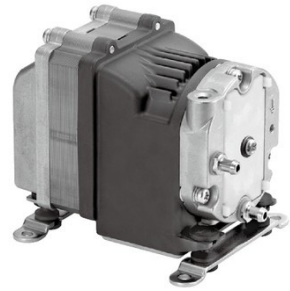
Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)

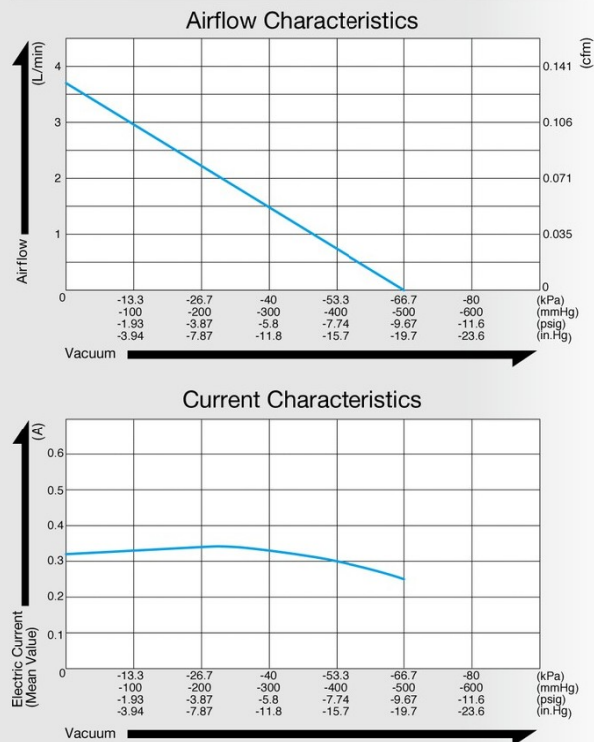


Vacuum Pump

Model DVH145-Y1 24 V DC



Airflow & Electric Current



Specifications

Attainable Vacuum	-60 kPa (-450 mmHg) -600 mbar -17.7 in. Hg
Free Air Displacement	3 L/min *1 0.106 cfm
Rated Voltage	24 V DC
Current (Mean Value)	0.34 A
Rated Performance (MTTF)	10,000 hours
Inlet	6 mm O.D. hose barb
Outlet	6 mm O.D. hose barb
Duty Cycle	Continuous
Coil Insulation Class	A or its equivalent
Mounting Dimensions	76 (L) x 70 (W) mm 2-63/64" (L) x 2-3/4" (W)
Weight	0.91 kg 2.01 Lbs
Leadwire Length	300 mm 11-13/16"

*1: Free air displacement at no-load operation.

Optional Accessory (LB07793)

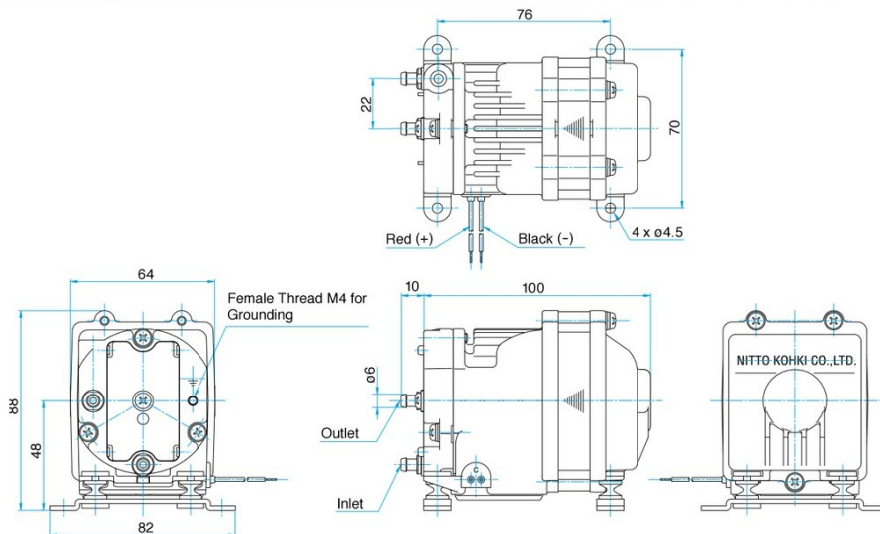
Heavy duty rubber feet available on request.



Application Examples

Medical equipment, analyzers, etc.

Dimensional Outline Drawing (Unit: mm)





AC LINEAR
Diaphragm Pump

DIAPHRAGM PUMP

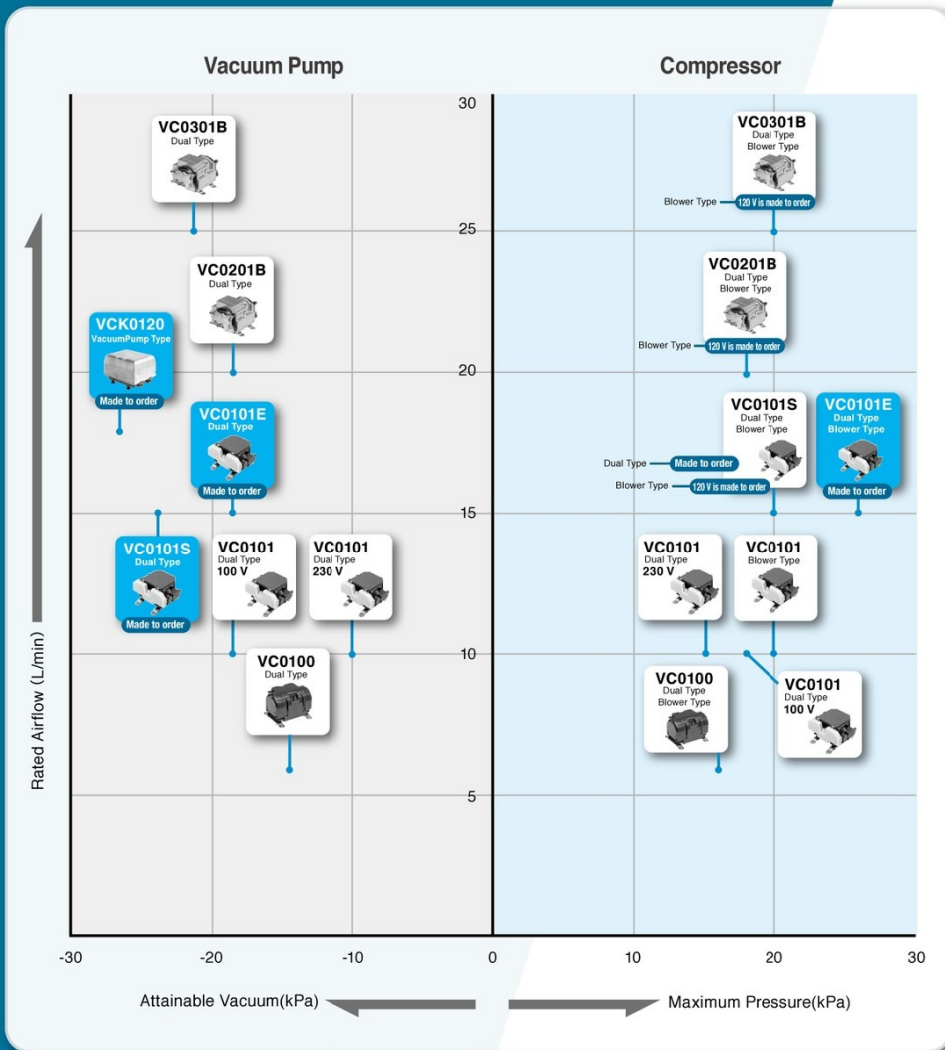
Page

VC series

VC0100	Dual Type	— 51
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Made to Order

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VC0101S	Dual Type	— 107
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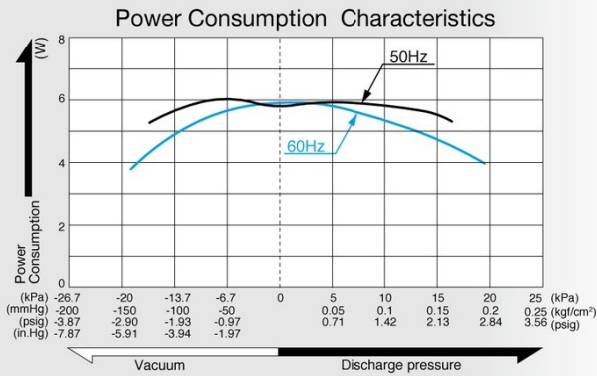
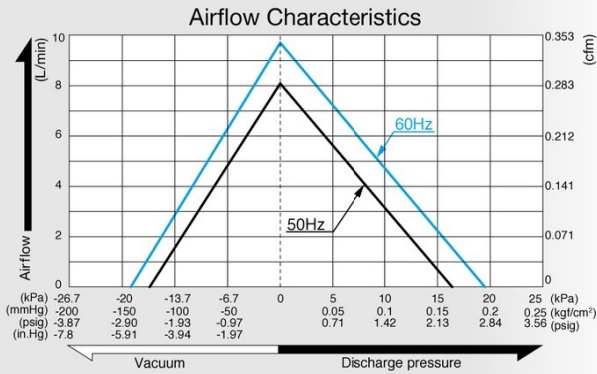


Compressor and Vacuum Pump

Model **VC0100** Dual Type



Airflow & Power Consumption

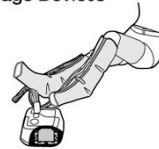


Specifications

Rated Pressure	4 kPa (0.04 kgf/cm ²) 0.04 bar 0.57 psig	
Rated Airflow	6 L/min 0.212 cfm	
Maximum Pressure	16 kPa (0.16 kgf/cm ²) 0.16 bar 2.28 psig	
Attainable Vacuum	-14.7 kPa (-110 mmHg) -147 mbar -4.33 in.Hg	
Rated Voltage	120 V AC	230 V AC
Power Consumption	6 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	5,000 hours	
Working Pressure Range	-14.7 kPa to 16 kPa (-110 mmHg to 0.16 kgf/cm ²) -147 mbar to 0.16 bar -4.33 in.Hg to 2.28 psig	
Inlet	6 mm O.D. hose barb	
Outlet	6 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	A for 120V or its equivalent E for 230V or its equivalent	
Mounting Dimensions	70 (L) x 72 (W) mm 2-3/4" (L) x 2-53/64" (W)	
Weight	0.45 kg 0.99 Lbs	
Leadwire Length	300 mm 11-13/16"	

Application Examples

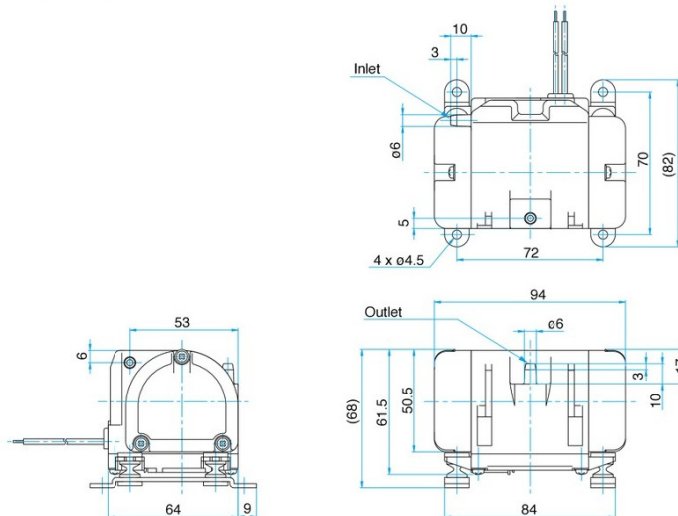
Massage Devices



Bedsores Prevention Mattress



Dimensional Outline Drawing (Unit: mm)

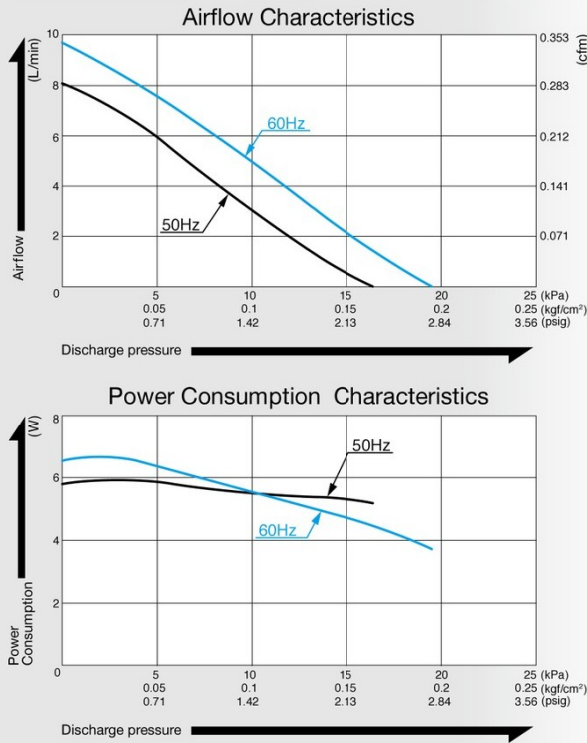


Compressor

Model **VC0100** Blower Type



Airflow & Power Consumption

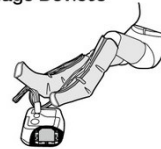


Specifications

Rated Pressure	4 kPa (0.04 kgf/cm ²) 0.04 bar 0.57 psig	
Rated Airflow	6 L/min 0.212 cfm	
Maximum Pressure	16 kPa (0.16 kgf/cm ²) 0.16 bar 2.28 psig	
Rated Voltage	120 V AC	230 V AC
Power Consumption	6 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Working Pressure Range	0 to 16 kPa (0 to 0.16 kgf/cm ²) 0 to 0.16 bar 0 to 2.28 psig	
Outlet	6 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	A for 120V or its equivalent E for 230V or its equivalent	
Mounting Dimensions	70 (L) x 72 (W) mm 2-3/4" (L) x 2-53/64" (W)	
Weight	0.45 kg 0.99 Lbs	
Leadwire Length	300 mm 11-13/16"	

Application Examples

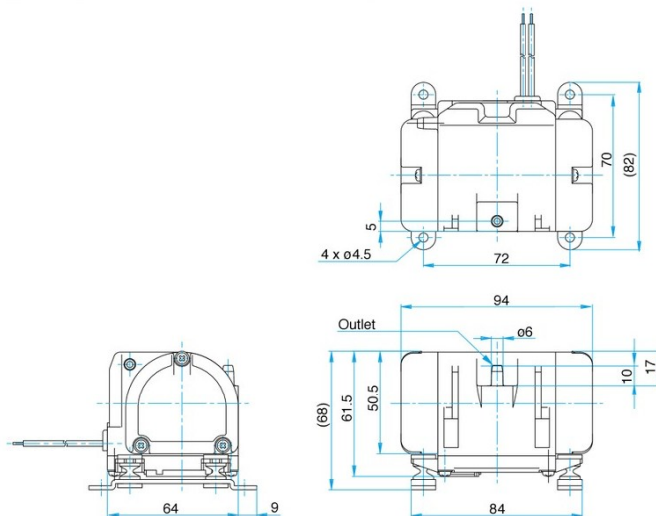
Massage Devices



Bedsores Prevention Mattress

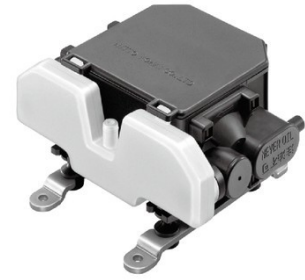


Dimensional Outline Drawing (Unit : mm)

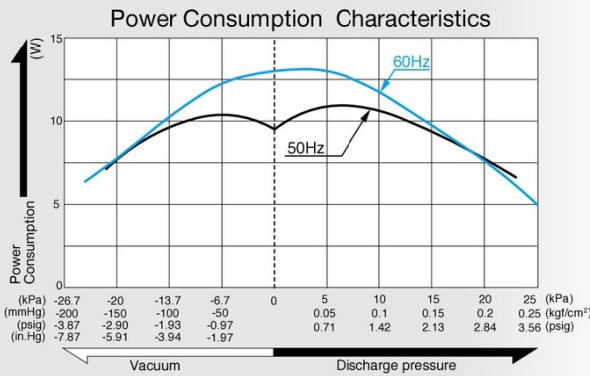
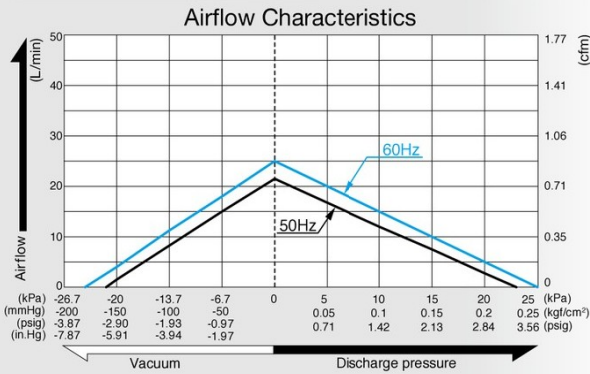


Compressor and Vacuum Pump

Model **VC0101** Dual Type



Airflow & Power Consumption

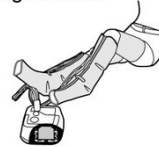


Specifications

Rated Pressure	10 kPa (0.1 kgf/cm ²) 0.1 bar 1.42 psig	
Rated Airflow	10 L/min 0.35 cfm	
Rated Voltage	120 V AC	230 V AC
Maximum Pressure	18 kPa (0.18 kgf/cm ²) 0.18 bar 2.56 psig	15 kPa (0.15 kgf/cm ²) 0.15 bar 2.13 psig
Attainable Vacuum	-18.7 kPa (-140 mmHg) -187 mbar -5.51 in.Hg	-10 kPa (-76 mmHg) -100 mbar -2.95 in.Hg
Working Pressure Range	-18.7 kPa to 18 kPa (-140 mmHg to 0.18 kgf/cm ²) -187 mbar to 0.18 bar -5.51 in.Hg to 2.56 psig	-10 kPa to 15 kPa (-76 mmHg to 0.15 kgf/cm ²) -100 mbar to 0.15 bar -2.95 in.Hg to 2.13 psig
Power Consumption	11 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	5,000 hours	
Inlet	7.5 mm O.D. hose barb	
Outlet	7.5 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	B for 120V or its equivalent	B for 230V or its equivalent
Mounting Dimensions	66 (L) x 100 (W) mm 2-19/32" (L) x 2-15/16" (W)	
Weight	0.82 kg 1.81 Lbs	
Leadwire Length	300 mm 11-13/16"	

Application Examples

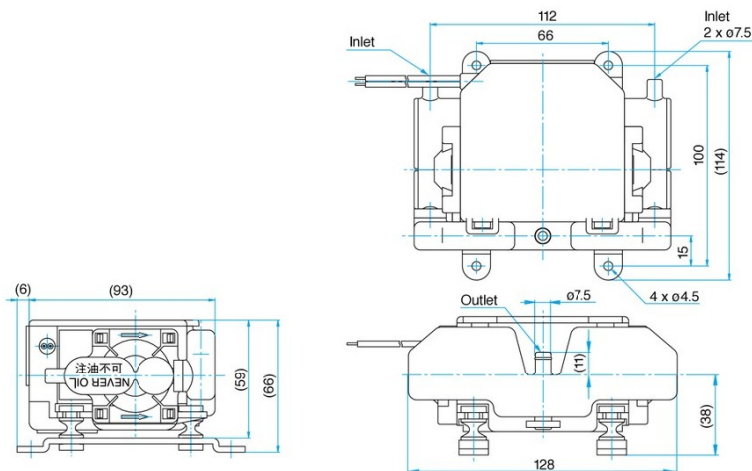
Massage Devices



Bedsores Prevention Mattress

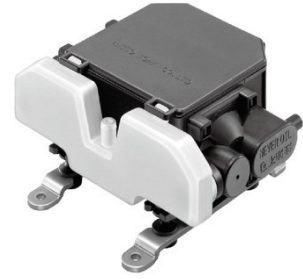


Dimensional Outline Drawing (Unit : mm)

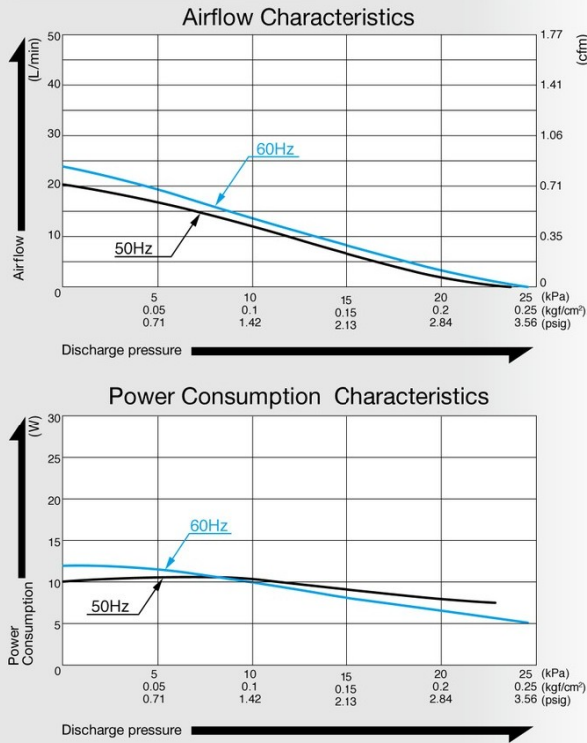


Compressor

Model **VC0101** Blower Type



Airflow & Power Consumption

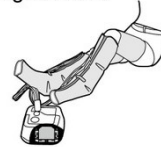


Specifications

Rated Pressure	10 kPa (0.1 kgf/cm ²) 0.1 bar 1.42 psig	
Rated Airflow	10 L/min 0.35 cfm	
Maximum Pressure	20 kPa (0.2 kgf/cm ²) 0.2 bar 2.84 psig	
Rated Voltage	120 V AC	230 V AC
Power Consumption	11 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Working Pressure Range	0 to 20 kPa (0 to 0.2 kgf/cm ²) 0 to 0.2 bar 0 to 2.84 psig	
Outlet	7.5 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	A for 120V or its equivalent E for 230V or its equivalent	
Mounting Dimensions	66 (L) x 100 (W) mm 2-19/32" (L) x 3-15/16" (W)	
Weight	0.82 kg 1.81 Lbs	
Leadwire Length	200 mm 7-7/8"	

Application Examples

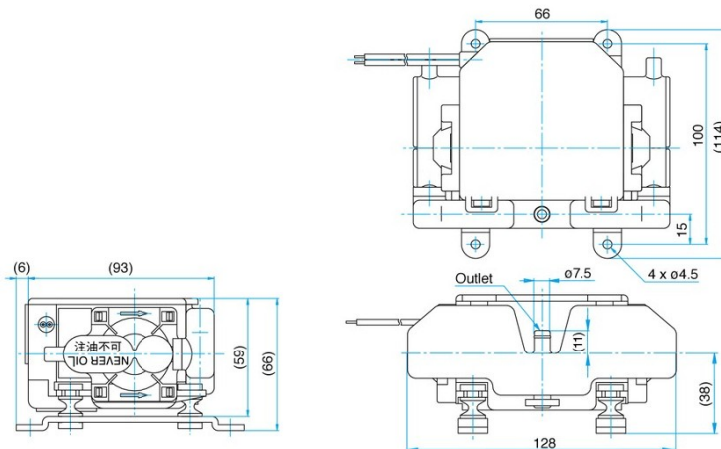
Massage Devices



Bedsores Prevention Mattress



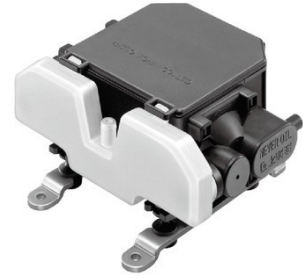
Dimensional Outline Drawing (Unit: mm)



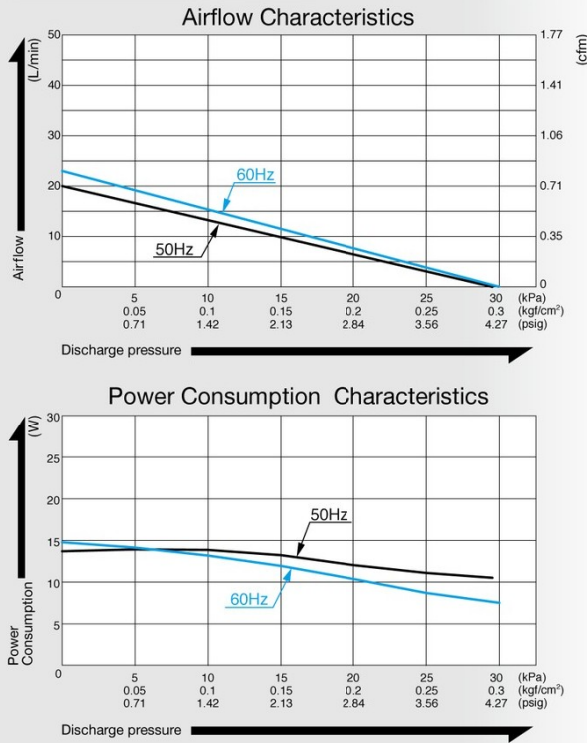
Compressor

Model **VC0101S** Blower Type

120 V is made to order



Airflow & Power Consumption



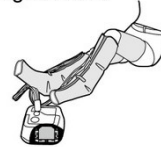
Specifications

Rated Pressure	5 kPa (0.05 kgf/cm ²) 0.05 bar 0.71 psig	
Rated Airflow	15 L/min 0.53 cfm	
Maximum Pressure	26 kPa (0.26 kgf/cm ²) 0.26 bar 3.70 psig	
Rated Voltage	120 V AC ^{*1}	230 V AC
Power Consumption	14 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	5,000 hours	
Working Pressure Range	0 to 26 kPa (0 to 0.26 kgf/cm ²) 0 to 0.26 bar 0 to 3.70 psig	
Outlet	7.5 mm O.D. hose barb	
Duty Cycle	60 minutes	
Coil Insulation Class	B or its equivalent (JETL)	
Mounting Dimensions	66 (L) x 100 (W) mm 2-19/32" (L) x 3-15/16" (W)	
Weight	0.83 kg 1.81 Lbs	
Leadwire Length	300 mm 11-13/16"	

*1: Non-UL product. 120 V is made to order.

Application Examples

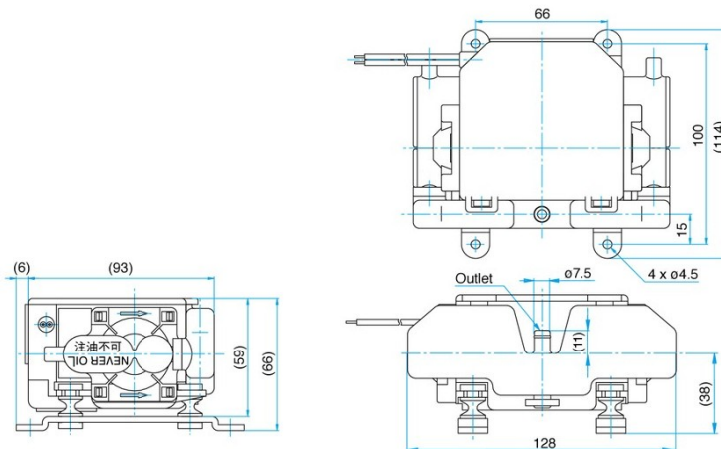
Massage Devices



Bedsores Prevention Mattress

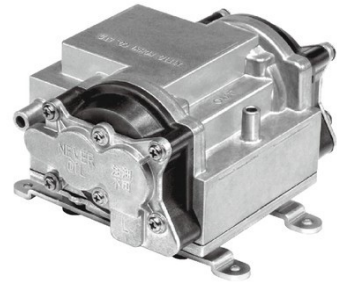


Dimensional Outline Drawing (Unit: mm)

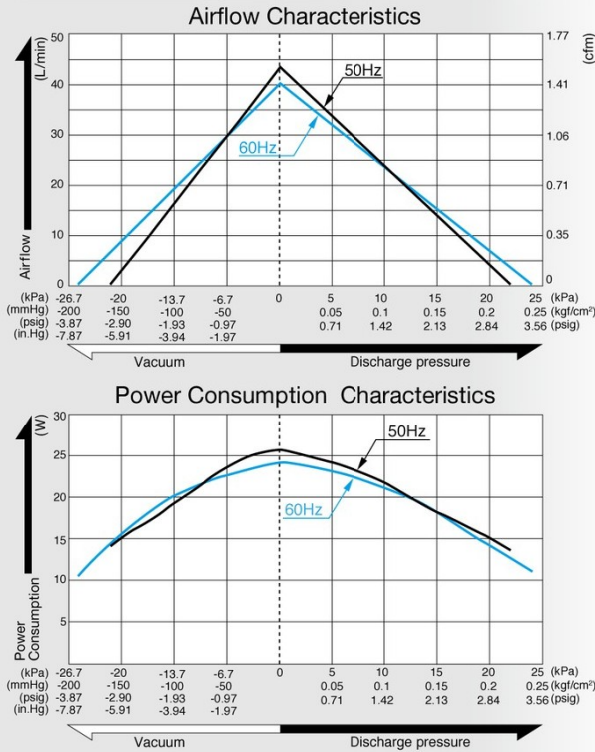


Compressor and Vacuum Pump

Model **VC0201B** Dual Type



Airflow & Power Consumption

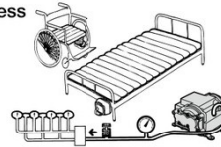


Specifications

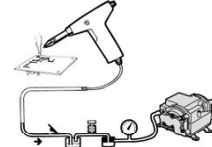
Rated Pressure	10 kPa (0.1 kgf/cm ²) 0.1 bar 1.42 psig	
Rated Airflow	20 L/min 0.71 cfm	
Maximum Pressure	18 kPa (0.18 kgf/cm ²) 0.18 bar 2.56 psig	
Attainable Vacuum	-18.7 kPa (-140 mmHg) -187 mbar -5.51 in.Hg	
Rated Voltage	120 V AC	230 V AC
Power Consumption	21 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Working Pressure Range	-18.7 kPa to 18 kPa (-140 mmHg to 0.18 kgf/cm ²) -187 mbar to 0.18 bar -5.51 in.Hg to 2.56 psig	
Inlet	10.5 mm O.D. hose barb	
Outlet	8.5 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	E or its equivalent (JETL) and A for UL	
Mounting Dimensions	125 (L) x 56 (W) mm 4-59/64" (L) x 2-13/64" (W)	
Weight	1.7 kg 3.7 Lbs	
Leadwire Length	300 mm 11-13/16"	

Application Examples

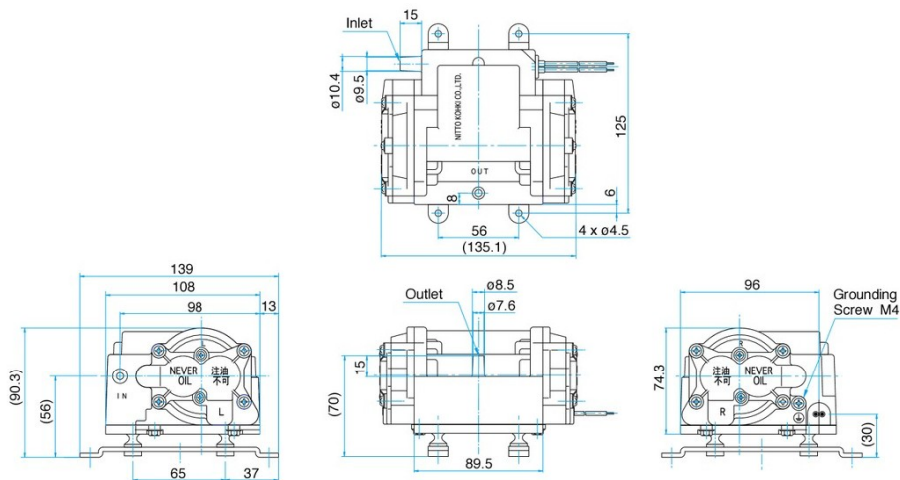
Bedsores Prevention
Mattress



Solder Fume Suction



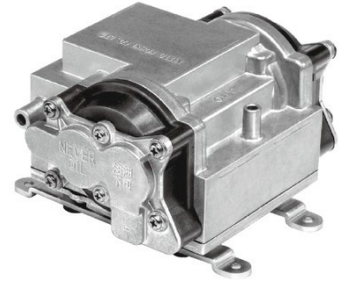
Dimensional Outline Drawing (Unit : mm)



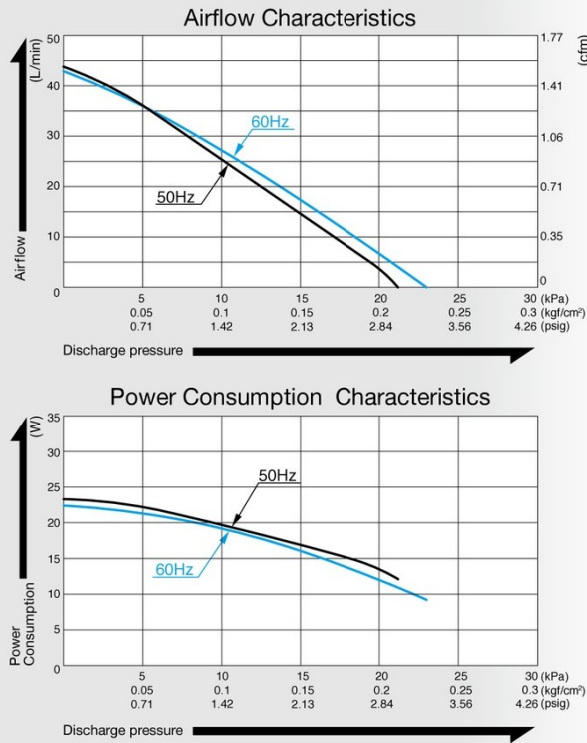
Compressor

Model **VC0201B** Blower Type

120 V is made to order



Airflow & Power Consumption

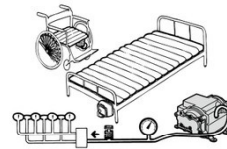


Specifications

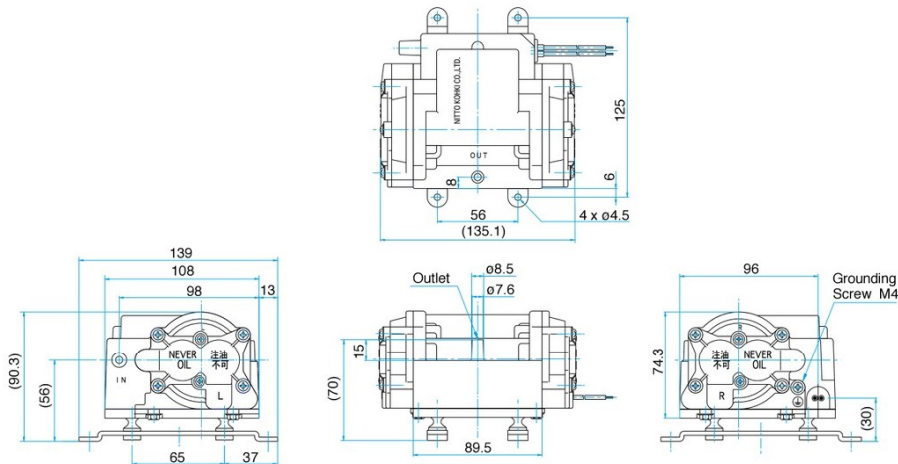
Rated Pressure	10 kPa (0.1 kgf/cm ²) 0.1 bar 1.42 psig	
Rated Airflow	20 L/min 0.71 cfm	
Maximum Pressure	18 kPa (0.18 kgf/cm ²) 0.18 bar 2.56 psig	
Rated Voltage	120 V AC	230 V AC
Power Consumption	21 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Working Pressure Range	0 to 18 kPa (0 to 0.18 kgf/cm ²) 0 to 0.18 bar 0 to 2.56 psig	
Outlet	8.5 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	E or its equivalent (JETL) and A for UL	
Mounting Dimensions	125 (L) x 56 (W) mm 4-59/64" (L) x 2-13/64" (W)	
Weight	1.7 kg 3.7 Lbs	
Leadwire Length	300 mm 11-13/16"	

Application Examples

Bedsores Prevention
Mattress

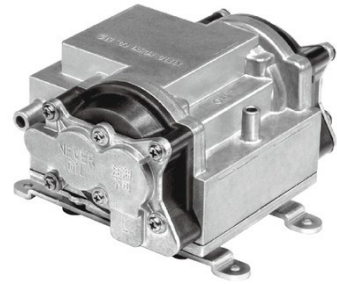


Dimensional Outline Drawing (Unit: mm)

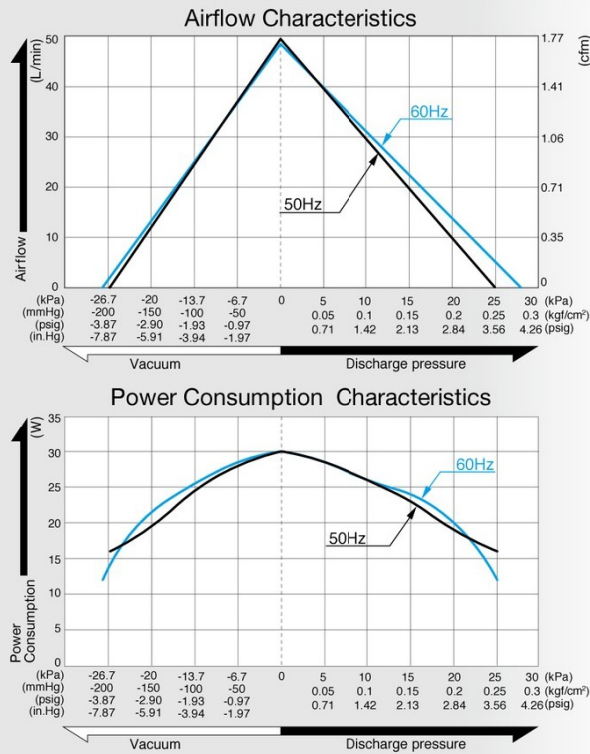


Compressor and Vacuum Pump

Model **VC0301B** Dual Type



Airflow & Power Consumption

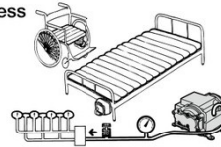


Specifications

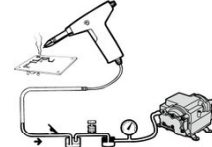
Rated Pressure	10 kPa (0.1 kgf/cm ²) 0.1 bar 1.42 psig	
Rated Airflow	25 L/min 0.88 cfm	
Maximum Pressure	20 kPa (0.2 kgf/cm ²) 0.2 bar 2.84 psig	
Attainable Vacuum	-21.3 kPa (-160 mmHg) -213 mbar -6.3 in.Hg	
Rated Voltage	120 V AC	230 V AC
Power Consumption	27 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Working Pressure Range	-21.3 kPa to 20 kPa (-160 mmHg to 0.2 kgf/cm ²) -213 mbar to 0.2 bar -6.3 in.Hg to 2.84 psig	
Inlet	10.5 mm O.D. hose barb	
Outlet	8.5 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	B or its equivalent	
Mounting Dimensions	125 (L) x 56 (W) mm 4-59/64" (L) x 2-13/64" (W)	
Weight	1.7 kg 3.7 Lbs	
Leadwire Length	300 mm 11-13/16"	

Application Examples

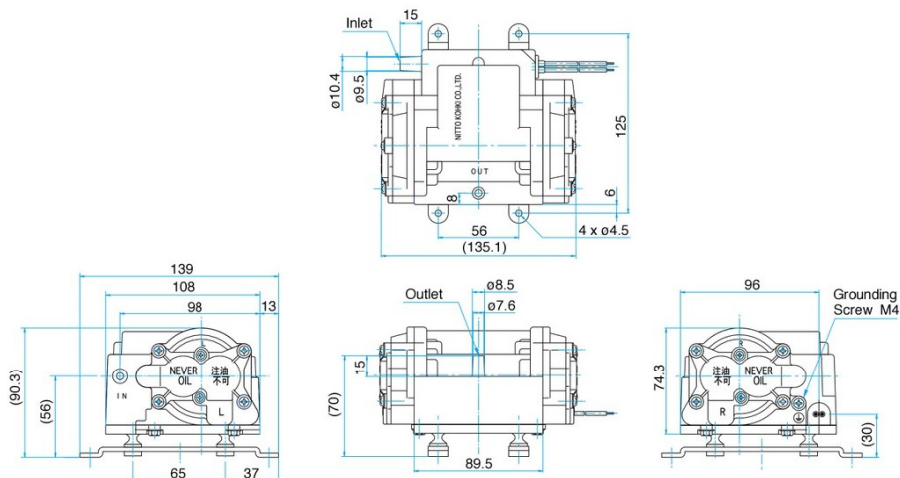
Bedsores Prevention
Mattress



Solder Fume Suction



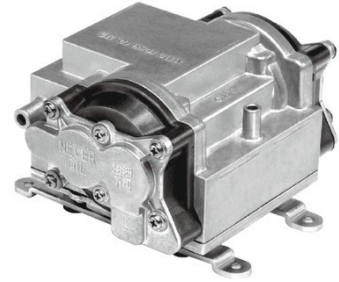
Dimensional Outline Drawing (Unit: mm)



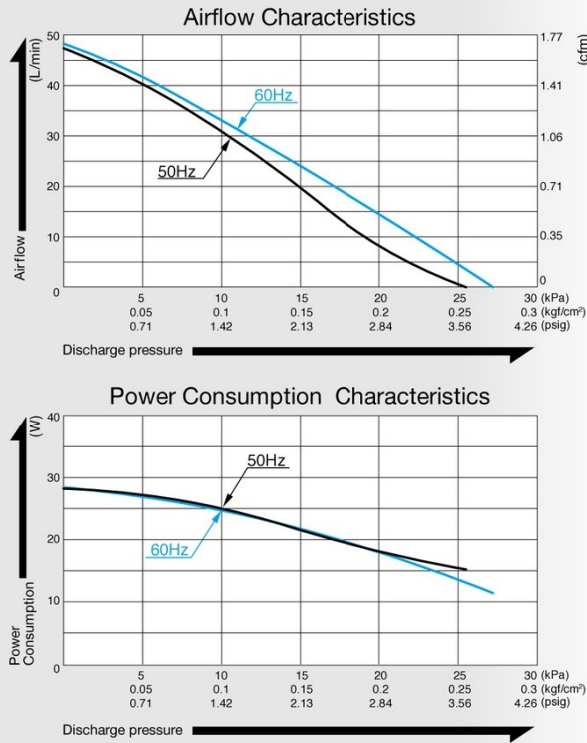
Compressor

Model **VC0301B** Blower Type

120 V is made to order



Airflow & Power Consumption

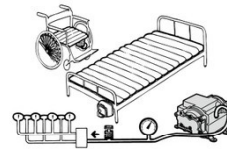


Specifications

Rated Pressure	10 kPa (0.1 kgf/cm²) 0.1 bar 1.42 psig	
Rated Airflow	25 L/min 0.88 cfm	
Maximum Pressure	20 kPa (0.2 kgf/cm²) 0.2 bar 2.84 psig	
Rated Voltage	120 V AC	230 V AC
Power Consumption	27 W	
Rated Frequency	60 Hz	50 Hz
Rated Performance	10,000 hours	
Working Pressure Range	0 to 20 kPa (0 to 0.2 kgf/cm²) 0 to 0.2 bar 0 to 2.84 psig	
Outlet	8.5 mm O.D. hose barb	
Duty Cycle	Continuous	
Coil Insulation Class	B or its equivalent	
Mounting Dimensions	125 (L) x 56 (W) mm 4-59/64" (L) x 2-13/64" (W)	
Weight	1.7 kg 3.7 Lbs	
Leadwire Length	300 mm 11-13/16"	

Application Examples

Bedsores Prevention
Mattress



Dimensional Outline Drawing (Unit: mm)

