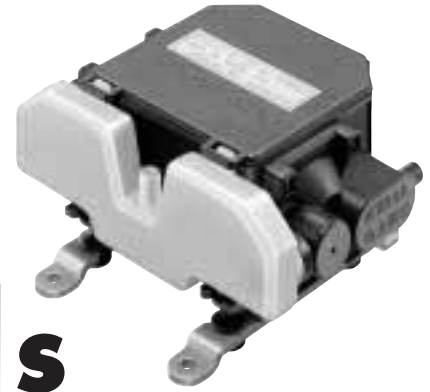


DIAPHRAGM PUMP

Diaphragm Pump

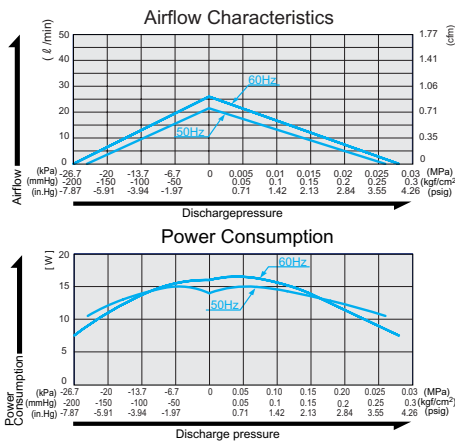


vc0101/vc0101s

Airflow & Power Consumption

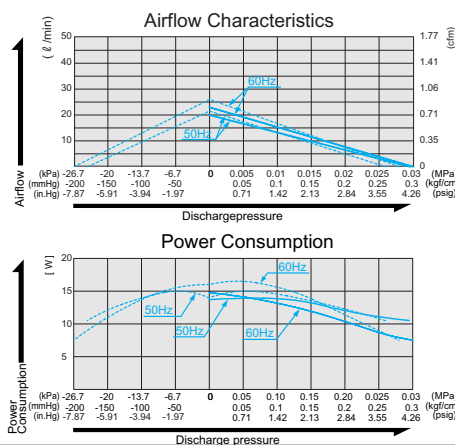
Specifications

VC0101



VC0101S

VC0101S
VC0101S-DUALTYPE



VC0101	(SI)	(EURO)	(U.S.A.)
Rated Pressure	0.01 MPa {0.1 kgf/cm ² }	0.1 bar	1.42 psig
Rated Airflow	10 l/min		0.35 cfm
Rated Voltage	120 V, AC or 230 V, AC		
Maximum Pressure (Blower)	0.02 MPa {0.2 kgf/cm ² }	0.2 bar	2.84 psig
Maximum Pressure (Dual)	0.018 MPa {0.18 kgf/cm ² }	0.18 bar	2.56 psig
Maximum Vacuum	120V -18.7 kPa {-140mmHg}	-187 mbar	-5.52 in.Hg
Working Pressure Range	-18.7 kPa 0.018 MPa {-140 mmHg 0.18 kgf/cm ² }	-187 mbar 0.18 bar	-5.52 in.Hg 2.56 psig
Maximum Pressure (Blower)	0.02 MPa {0.2 kgf/cm ² }	0.2 bar	2.84 psig
Maximum Pressure (Dual)	0.015 MPa {0.15 kgf/cm ² }	0.15 bar	2.13 psig
Maximum Vacuum	230V -10 kPa {-75mmHg}	-100 mbar	-2.95 in.Hg
Working Pressure Range	-10kPa 0.015 MPa {-75mmHg 0.15 kgf/cm ² }	-100 mbar 0.15 bar	-2.95 in.Hg 2.13 psig
Power Consumption	11W		
Rated Frequency	60 Hz or 50 Hz		
Life Expectancy	10,000 hours (Dual 5,000 hours)		
Outlet (Inlet)	7.5 mm O.D. hose nipple		
Duty Cycle	Continuous		
Coil Insulation Class	B for 230V & A for 120V or its equivalent		
Mounting Dimensions	66 (L) x 100 (W) mm		
Gross Weight	0.82 kg		1.8 Lbs.
Leadwire Length	200 mm		7-7/8"

VC0101S	(SI)	(EURO)	(U.S.A.)
Rated Pressure	0.005 MPa {0.05 kgf/cm ² }	0.05 bar	0.71 psig
Rated Airflow	15 l/min		0.53 cfm
Rated Voltage	120 V, AC ※ or 230 V, AC		
Maximum Pressure	0.026 MPa {0.26 kgf/cm ² }	0.26 bar	3.69 psig
Maximum Vacuum	-24 kPa {-180mmHg}	-240 mbar	-7.08 in.Hg
Power Consumption	(Blower): 14W	(Dual): 15W	
Rated Frequency	60 Hz or 50 Hz		
Life Expectancy	5,000 hours		
Working Pressure Range	-24kPa 0.026 MPa {-180mmHg 0.26 kgf/cm ² }	-240 mbar 0.26 bar	-7.08 in.Hg 3.69 psig
Outlet (Inlet)	7.5 mm O.D. hose nipple		
Duty Cycle	60 minutes		
Coil Insulation Class	B or its equivalent (JETL) or B for UL		
Mounting Dimensions	66 (L) x 100 (W) mm		
Gross Weight	0.82 kg		1.8 Lbs.
Leadwire Length	300 mm		11-13/16"

※ VC0101S (120V version) : UL Pending

* Life expectancy is the expected accumulated period of time during which the compressor will maintain the above specifications. Contact your supplier for details of the conditions of use under which the values and numbers stated herein are maintained.

Sketch Drawing and Mounting Dimensions Diagram (mm)

