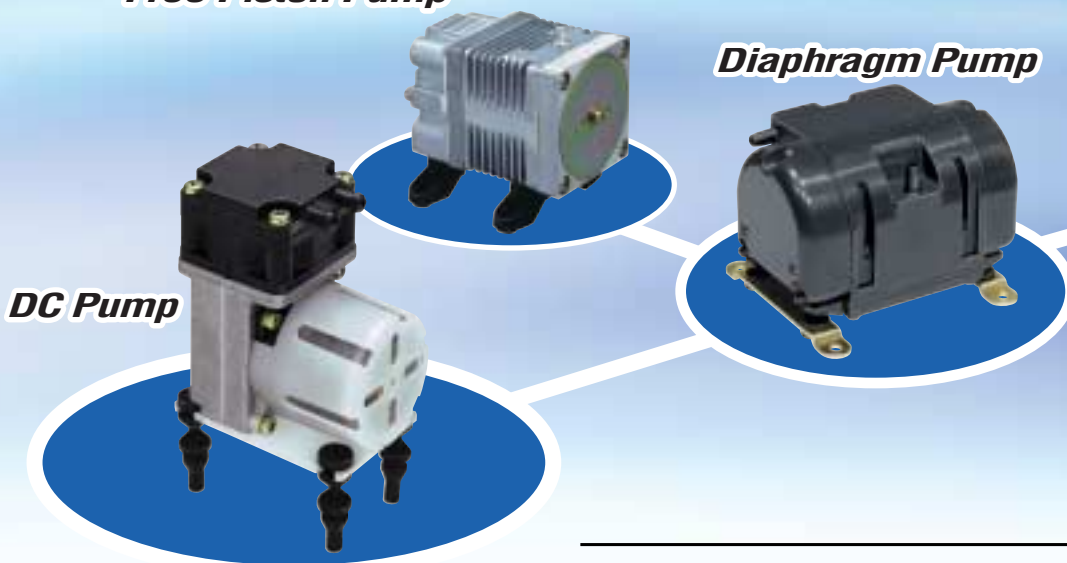


Medo pumps are unique products that feature a patented linear-motor-driven free piston system. Utilised in varied applications, from life support systems to robotics, Nitto Kohki has developed a comprehensive series of precision air compressors and vacuum pumps that incorporate this uniquely functional design. Proven throughout the world for over two decades, we are proud to have been selected by many leading companies in advanced industries as their primary supplier of air compressor type equipment.

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## Linear Motor Driven Diaphragm System

### Diaphragm Pump

Model	Max. Vacuum kPa (-mmHg)	Rated Pressure MPa (kgf/cm <sup>2</sup> )	Max. Pressure MPa (kgf/cm <sup>2</sup> )	Rated Airflow ℓ/min	Page
VC 0100		0.004 {0.04}	0.016 {0.16}	6	43
VC 0101	-10 / {-75}	0.01 {0.1}	0.02 {0.2}	10	44
VC 0101S	-24 / {-180}	0.005 {0.05}	0.026 {0.26}	15	44
VC 0201	-18.7 / {-140}	0.01 {0.1}	0.018 {0.18}	20	45
VC 0301	-21.3 / {-160}	0.01 {0.1}	0.02 {0.2}	25	45
VC 0201B	-18.7 / {-140}	0.01 {0.1}	0.018 {0.18}	20	46
VC 0301B	-21.3 / {-160}	0.01 {0.1}	0.02 {0.2}	25	46

## Brush-less and Brush Motor Driven System

### DC Pump

Model	Max. Vacuum kPa (-mmHg)	Max. Pressure MPa (kgf/cm <sup>2</sup> )	Free Airflow ℓ/min	Page
DP 0125	-33.3 / {-250}	0.03 {0.3}	2.5	47
DP 0140	-53.3 / {-400}	0.05 {0.5}	4	47
DP 0102	-26.7 / {-200}	0.045 {0.45}	5	48
DP 0102S	-26.7 / {-200}	0.045 {0.45}	7	48
DP 0102H		0.08 {0.8}	4	48
DP 0105	-66.6 / {-500}	0.25 {2.5}	2.8	49