

AC LINEAR Diaphragm Pump

※Mark: Made-to-order

Model	Max. Vacuum			Rated Pressure			Max. Pressure			Rated Airflow		Page
	kPa (mmHg)	mbar	in.Hg	kPa (kgf/cm ²)	bar	psig	kPa (kgf/cm ²)	bar	psig	L/min	cfm	
VC0100 Dual	-14.7 {-110}	-147	-4.33	4 {0.04}	0.04	0.57	16 {0.16}	0.16	2.28	6	0.21	53
VC0100 Blower				4 {0.04}	0.04	0.57	16 {0.16}	0.16	2.28	6	0.21	54
VC0101 Dual 120V	-18.7 {-140}	-187	-5.51	10 {0.1}	0.1	1.42	18 {0.18}	0.18	2.56	10	0.35	55
VC0101 Dual 230V	-10 {-76}	-100	-2.95	10 {0.1}	0.1	1.42	15 {0.15}	0.15	2.13	10	0.35	
VC0101 Blower				10 {0.1}	0.1	1.42	20 {0.2}	0.2	2.84	10	0.35	56
VC0101E Dual	-18.7 {-140}	-187	-5.51	10 {0.1}	0.1	1.42	20 {0.2}	0.2	2.84	15	0.53	57
VC0101E Blower				10 {0.1}	0.1	1.42	20 {0.2}	0.2	2.84	15	0.53	58
VC0101S Dual	-24 {-180}	-240	-7.08	5 {0.05}	0.05	0.71	26 {0.26}	0.26	3.70	15	0.53	103
VC0101S Blower				5 {0.05}	0.05	0.71	26 {0.26}	0.26	3.70	15	0.53	104
VC0201 Dual	-18.7 {-140}	-187	-5.5	10 {0.1}	0.1	1.42	18 {0.18}	0.18	2.56	20	0.71	59
VC0201 Blower				10 {0.1}	0.1	1.42	18 {0.18}	0.18	2.56	20	0.71	60
VC0301 Dual	-21.3 {-160}	-213	-6.3	10 {0.1}	0.1	1.42	20 {0.2}	0.2	2.84	25	0.88	61
VC0301 Blower				10 {0.1}	0.1	1.42	20 {0.2}	0.2	2.84	25	0.88	62
VC0201B Dual	-18.7 {-140}	-187	-5.5	10 {0.1}	0.1	1.42	18 {0.18}	0.18	2.56	20	0.71	63
VC0201B Blower				10 {0.1}	0.1	1.42	18 {0.18}	0.18	2.56	20	0.71	64
VC0301B Dual	-21.3 {-160}	-213	-6.3	10 {0.1}	0.1	1.42	20 {0.2}	0.2	2.84	25	0.88	65
VC0301B Blower				10 {0.1}	0.1	1.42	20 {0.2}	0.2	2.84	25	0.88	66

DC Diaphragm Pump / DC Piston Pump

Model	Attainable Vacuum			Max. Pressure			Free Air Displacement		Page
	kPa (mmHg)	mbar	in.Hg	kPa (kgf/cm ²)	bar	psig	L/min	cfm	
DP0125	-33.3 {-250}	-333	-9.84	30 {0.3}	0.3	4.27	2.5	0.088	69
DP0140	-53.3 {-400}	-533	-15.7	50 {0.5}	0.5	7.1	4	0.141	70
DP0102	-26.7 {-200}	-267	-7.87	45 {0.45}	0.45	6.4	5	0.177	71
DP0102S	-26.7 {-200}	-267	-7.87	45 {0.45}	0.45	6.4	7	0.247	72
DP0102H-X1	-50.7 {-380}	-507	-15	80 {0.8}	0.8	11.4	4	0.141	73
DP0102H-X2				80 {0.8}	0.8	11.4	4	0.141	74
DP0105-X1	-66.6 {-500}	-666	-19.7	250 {2.5}	2.5	35.6	2.8	0.1	75
DP0105-Y1	-66.6 {-500}	-666	-19.7	250 {2.5}	2.5	35.6	2.8	0.1	76
DPA0105-X1				220 {2.2}	2.2	31.3	2.8	0.1	77
DPA0105-Y1				220 {2.2}	2.2	31.3	2.8	0.1	78
DP0110-X1	-66.6 {-500}	-666	-19.7	150 {1.5}	1.5	21.3	7.5	0.26	79
DP0110-Y1	-66.6 {-500}	-666	-19.7	150 {1.5}	1.5	21.3	7.5	0.26	80
DP0110PWM	-66.6 {-500}	-666	-19.7	150 {1.5}	1.5	21.3	7.5	0.26	81
DP0110T-X1	-60.0 {-450}	-600	-17.7	150 {1.5}	1.5	21.3	5.5	0.26	82
DP0110T-Y1	-60.0 {-450}	-600	-17.7	150 {1.5}	1.5	21.3	5.5	0.26	83
DP0410-X2				180 {1.8}	1.8	25.6	18	0.64	84
DP0410-Y2				180 {1.8}	1.8	25.6	18	0.64	85

PIEZOELECTRIC PUMP

Model	Discharge Pressure kPa	Flow Rate		Self-priming Pressure kPa	Page
		mL/min	cm ³ /min		
120V AC 60Hz					
BPS-215i	15	30	3	87	
BPS-235G	15	30	1.5		
BPH-214i	18	350	8		
BPH-214D	18	350	8		
BPH-214E	18	350	8		
BPH-214G	17	350	7		
BPH-414i	35	500	12		
BPH-414D	35	500	12		
BPH-414E	35	500	12		
BPH-414G	32	450	10		
BPH-474G	35	400	10		
BPH-474P	35	400	10		
BPH-465P	35	400	10		
230V AC 50Hz					
BPS-215i	10	10	0.4	88	
BPS-235G	10	10	0.4		
BPH-214i	18	220	8		
BPH-214D	18	220	8		
BPH-214E	18	220	8		
BPH-214G	17	220	7		
BPH-274G	35	250	7		
BPH-274P	35	250	7		
BPF-265P	35	250	7		

MINIATURE DIAPHRAGM PUMP

Model	Working Pressure			Flow Rate		Self-priming Pressure kPa	Page
	kPa	bar	psig	mL/min	cm ³ /min		
DPE-100	100	1	14.5	100	0.0035	20	92
DPE-400	100	1	14.5	400	0.0141	40	93
DPE-400BL	100	1	14.5	400	0.0141	40	94
DPE-800	100	1	14.5	800	0.0282	40	95

VACUUM TWEEZERS

Model	Page
MEDO HAND Model MH-100A	97