

OIL-Less Piston Air Pumps



FEATURES

- ▶ Completely Oil-free operation
- ▶ Distinguished long life & easy maintenance
- ▶ AL Die casting body & Hardened and tempered stainless flapper valve steel
- ▶ Various voltage range with AC & DC Motor
- ▶ Low noise and power consumption
- ▶ Compact design and Light weight
- ▶ Thermal Protector(T.P) applied

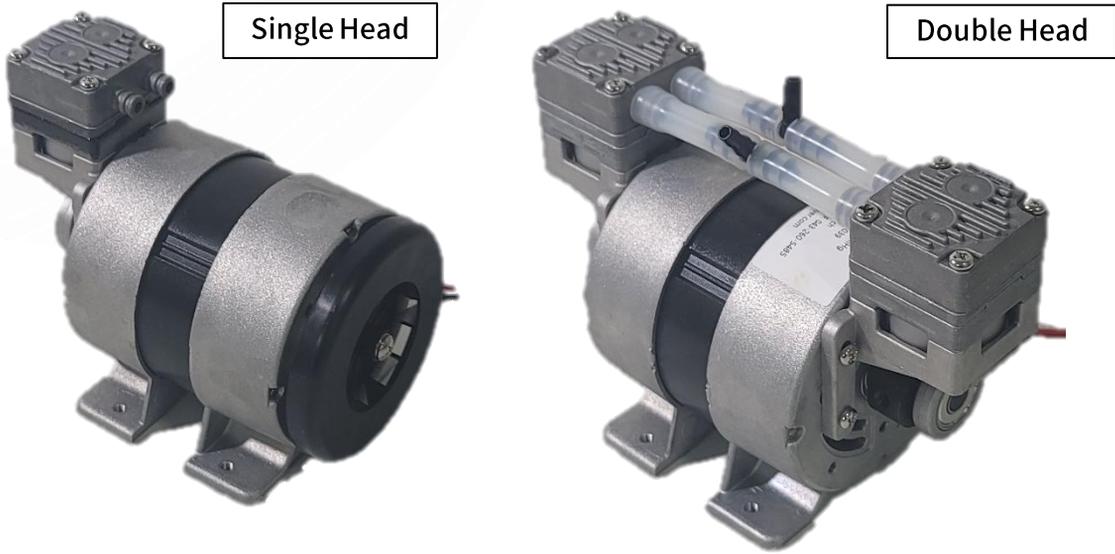
APPLICATION

- ▶ Skin & Beauty care
- ▶ Medical & Dental equipment
- ▶ Environmental & Laboratory equipment
- ▶ Oxygen & Nitrogen concentrator
- ▶ Vacuum Packer & Beer dispenser
- ▶ Chip moulder in semi conductor processing

OIL-Less Piston Air Pumps

8422 Series (AC version)

► Pictures



► Specifications

Descriptions	Model Name			
	K10AN	K15AN	K20AN	K30AN
Free Flow Rate (LPM) ↑	9	15	18	33
Max. Pressure (bar) ↑	2.5	4	7	7
Max. Vacuum (mmHg) ↑	500	600	660	660
Voltage	100~120VAC, 220~240VAC (50/60 Hz)			
Motor Type	Capacitor Start Type, 4 pole AC motor		Capacitor Start Type 2 pole AC motor	
Insulation Class	Class "B"			
Thermal Protector	Yes(135°C)			
Dimensions (L x W x H) mm	142(L) x 94(W) x 118(H) mm			
Weight	2 Kg			

용인공장 : 경기도 용인시 처인구 이동읍 시미곡로21번길 36

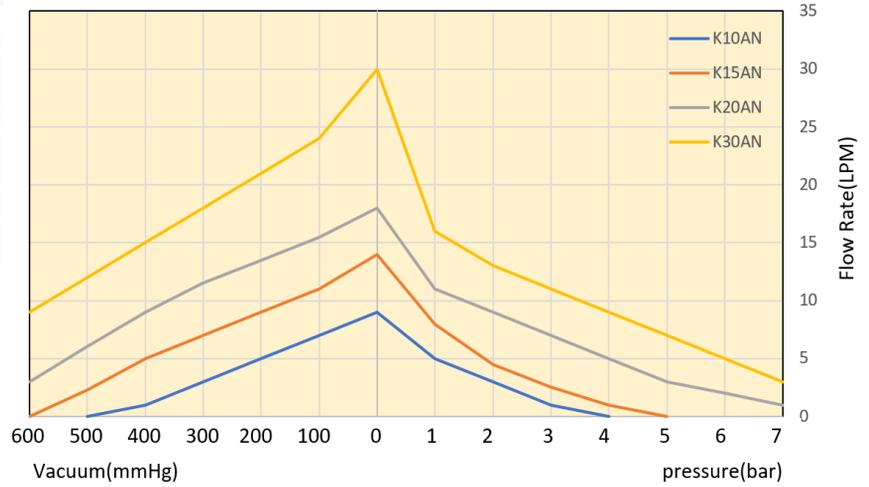
청주공장 : 충북 청주시 흥덕구 운천로3번길 14-1(운천동)

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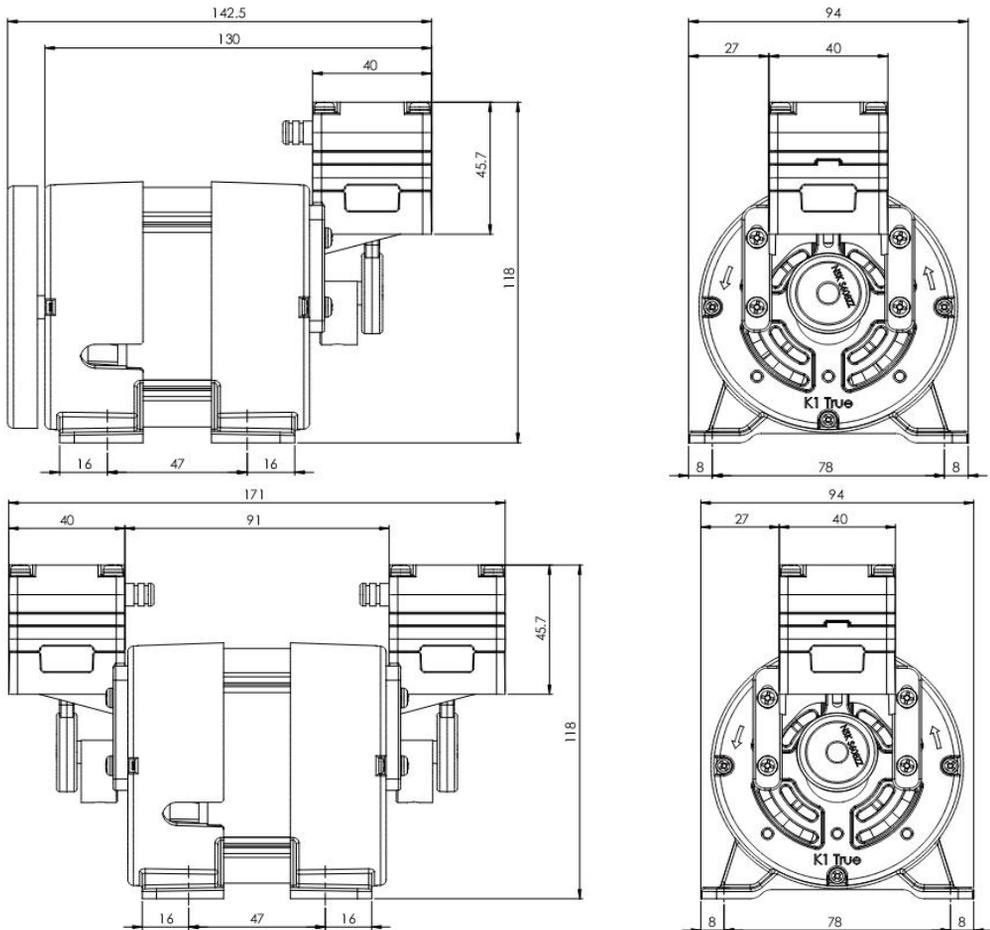
OIL-Less Piston Air Pumps

8422 Series (AC version)

▶ Performance Curves



▶ Drawing



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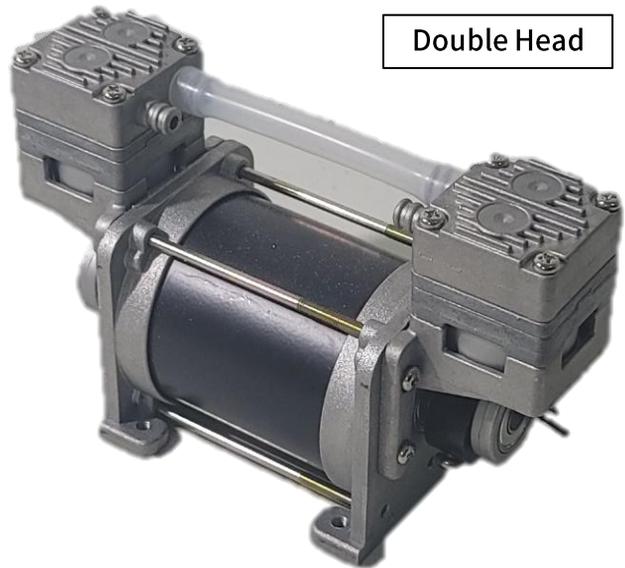
OIL-Less Piston Air Pumps

2425 Series (DC version)

► Pictures



Single Head



Double Head

► Specifications

Descriptions	Model Name			
	K10AN	K15AN	K20AN	K30AN
Free Flow Rate (LPM) ↑	12	18	24	35
Max. Pressure (bar) ↑	2.5	4	7	7
Max. Vacuum (mmHg) ↑	500	600	660	660
Voltage	12VDC or 24VDC			
Motor Type	Brush Type DC			
Insulation Class	Class "E"			
RPM	2,000 / 2,500 / 2,700 / 3,200 / 4,500			
Dimensions (L x W x H) mm	145(L) x 75(W) x 105(H) mm			
Weight	1.2 Kg			

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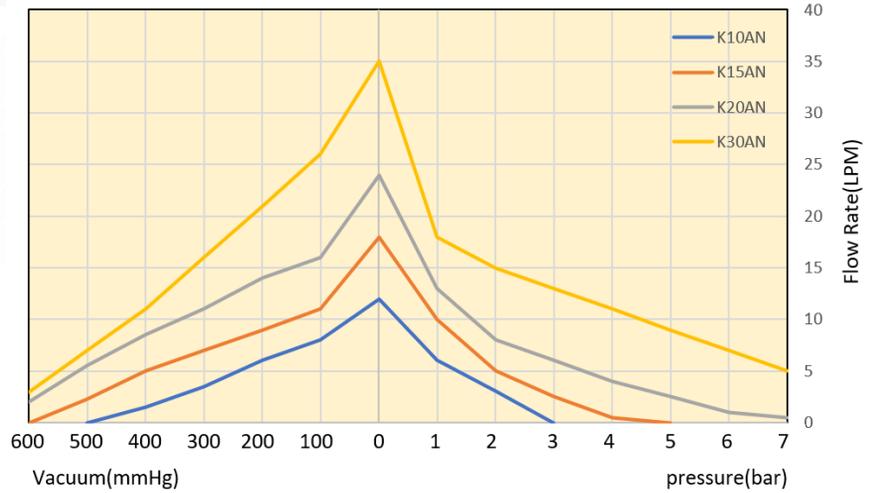
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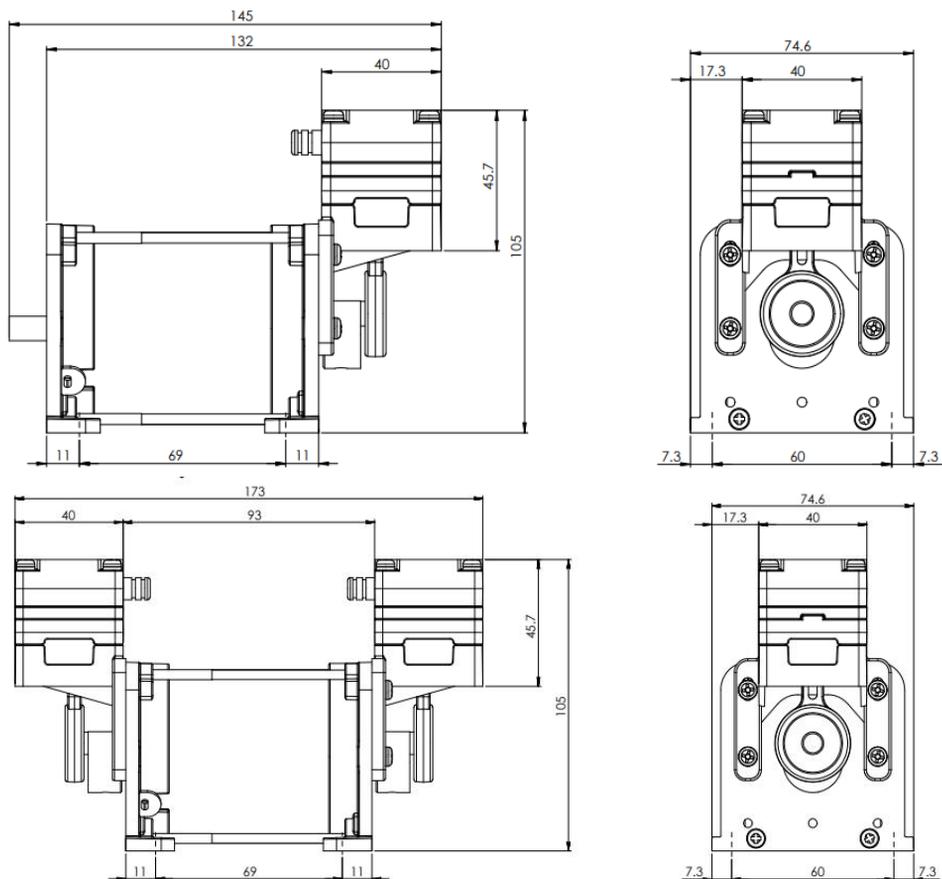
OIL-Less Piston Air Pumps

2425 Series (DC version)

▶ Performance Curves



▶ Drawing



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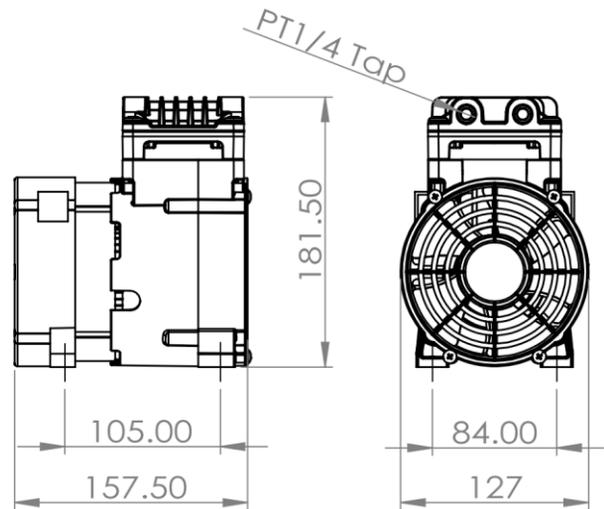
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OIL-Less Piston Air Pumps

Single Head Series (AC version)

► Pictures

Single Head



► Specifications

Descriptions	Model Name				
	S45N	S50N	S55N	S65N	S75N
Free Flow Rate (LPM) ↑	45	50	62	72	80
Max. Pressure (bar) ↑	7	7	4	2	-
Max. Vacuum (mmHg) ↑	660	670	690	700	710
Voltage	100~120VAC, 220~240VAC (50/60 Hz)				
Motor Type	Capacitor Start Type, 4 pole AC motor				
Insulation Class	Class "B"				
Thermal Protector	Yes(135°C)				
Dimensions (L x W x H) mm	157.5(L) x 127(W) x 181.5(H) mm				
Weight	4.6 Kg				

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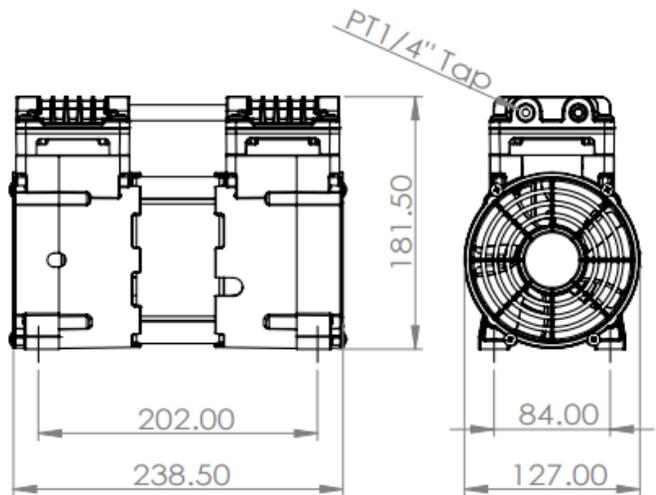
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OIL-Less Piston Air Pumps

Double Head Series (AC version) - Serial Connection

► Pictures

Double Head



► Specifications

Descriptions	Model Name				
	D45N	D50N	D55N	D65N	D75N
Free Flow Rate (LPM) ↑	47	55	65	70	80
Max. Pressure (bar) ↑	-	-	-	-	-
Max. Vacuum (mmHg) ↑	730	735	740	745	750
Voltage	100~120VAC, 220~240VAC (50/60 Hz)				
Motor Type	Capacitor Start Type, 4 pole AC motor				
Insulation Class	Class "B"				
Thermal Protector	Yes(135°C)				
Dimensions (L x W x H) mm	238.5(L) x 127(W) x 181.5(H) mm				
Weight	7.8 Kg				

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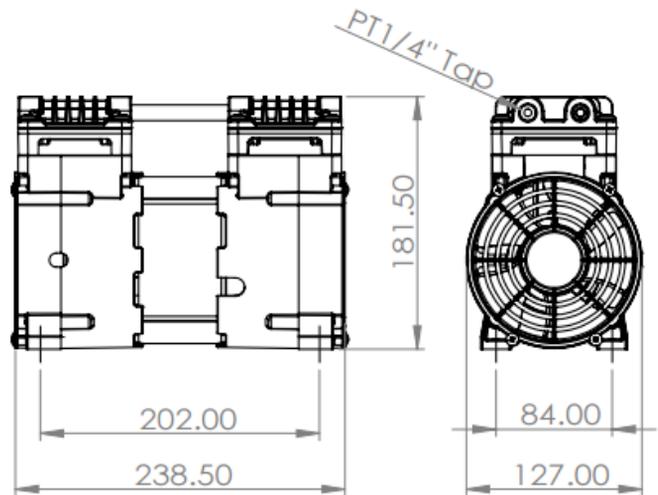
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OIL-Less Piston Air Pumps

Double Head Series (AC version) - Parallel Connection

► Pictures

Double Head



► Specifications

Descriptions	Model Name				
	D90N	D100N	D110N	D130N	D150N
Free Flow Rate (LPM) ↑	80	95	115	132	150
Max. Pressure (bar) ↑	7	7	7	7	2
Max. Vacuum (mmHg) ↑	660	670	690	700	710
Voltage	100~120VAC, 220~240VAC (50/60 Hz)				
Motor Type	Capacitor Start Type, 4 pole AC motor				
Insulation Class	Class "B"				
Thermal Protector	Yes(135°C)				
Dimensions (L x W x H) mm	238.5(L) x 127(W) x 181.5(H) mm				
Weight	7.8 Kg				

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