

Rs Series Vacuum Pump RS-2



Single Stage

Model		RS-1		RS-1.5		RS-2		RS-3		RS-4		RS-6	
Voltage		110V	220V	110V	220V	110V	220V	110V	220V	110V	220V	110V	220V
		60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ
Free Air Displacement	CFM	3	2.5	4	3.5	5	4.5	7	6	9	8	12	10
Ultimate Vacuum	PA	5		5		5		5		5		5	
	Mbar	0.05		0.05		0.05		0.05		0.05		0.05	
Rotating Speed		1720	1440	1720	1440	1720	1440	1720	1440	1720	1440	1720	1440
Power (HP)		1/4		1/3		1/3		1/2		3/4		1	
Oil Capacity (ML)		220		225		250		250		300		450	
Dimension (mm)		260*110*240		275*115*240		290*120*240		310*125*255		360*135*270		430*142*280	
Weight (KG)		7		7.5		8.5		12		19		24	

Dual Stage

Model	2RS-0.5		2RS-1		2RS-1.5		2RS-2		2RS-3		2RS-4		2RS-5	
Voltage	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ
Free Air Displacement	2	1.5	3	2.5	4	3.5	5	4.5	7	6	12	10	14	12
Ultimate Vacuum	3*10 ⁻¹ Pa		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa	
Rotating Speed	3500	2800	3500	2800	3500	2800	3500	2800	3500	2800	3500	2800	3500	2800
Power (HP)	1/4		1/3		1/2		3/4		1		1		1	
Oil Capacity (ML)	250		250		330		330		370		550		550	
Dimension (mm)	280*110*215		280*110*215		290*115*220		290*115*220		360*135*275		430*142*280		430*142*280	
Weight (KG)	7		7.5		8		9		11		17		18	

Rs Series Vacuum Pump HP-1



TECHNICAL SPECIFICATIONS

Model	HP-1
Free Air Displacement	2.5CFM
Ultimate Vacuum	5PA
Voltage	220V/50HZ
Power	1/6HP



New Refrigerant Series Vacuum Pump

Suit for R410A,R407C,R134a,
R12,R22 refrigerant



High accuracy
vacuum gauge
shows system
pressure



Forced cooling
system



Big sight glass
for monitoring
oil level

Model		RS-1-SV		RS-2-SV		RS-4-SV	
Voltage		110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ
Free Air Displacement	CFM	3	2.5	5	4.5	9	8
Ultimate Vacuum	PA Mbar	5 0.05		5 0.05		5 0.05	
Rotating Speed		1720	1440	1720	1440	1720	1440
Power (HP)		1/4		1/3		3/4	
Oil Capacity (ML)		220		250		300	
Dimension (mm)		260*110*240		290*110*240		360*135*270	
Weight (KG)		7		8.5		19	

Model		2RS-1-SV		2RS-2-SV		2RS-4-SV	
Voltage		110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ
Free Air Displacement	CFM	3	2.5	5	4.5	12	10
Ultimate Vacuum		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa	
Rotating Speed		3500	2800	3500	2800	3500	2800
Power (HP)		1/4		1/3		3/4	
Oil Capacity (ML)		250		330		500	
Dimension (mm)		280*110*215		290*115*220		430*142*280	
Weight (KG)		7.5		9		17	

R32 Series Vacuum Pump

Suit for
R32 1234yf refrigerant



High accuracy
vacuum gauge
shows system
pressure



Forced cooling
system



Big sight glass
for monitoring
oil level

Model		RS-1-R32		RS-2-R32		RS-4-R32	
Voltage		110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ
Free Air Displacement	CFM	3	2.5	5	4.5	9	8
Ultimate Vacuum	PA Mbar	5 0.05		5 0.05		5 0.05	
Rotating Speed		1720	1440	1720	1440	1720	1440
Power (HP)		1/4		1/3		3/4	
Oil Capacity (ML)		220		250		300	
Dimension (mm)		260*110*240		290*110*240		360*135*270	
Weight (KG)		7		8.5		19	

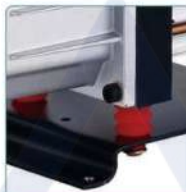
Model		2RS-1-R32		2RS-2-R32		2RS-4-R32	
Voltage		110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ	110V 60HZ	220V 50HZ
Free Air Displacement	CFM	3	2.5	5	4.5	12	10
Ultimate Vacuum		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa		3*10 ⁻¹ Pa	
Rotating Speed		3500	2800	3500	2800	3500	2800
Power (HP)		1/4		1/3		3/4	
Oil Capacity (ML)		250		330		500	
Dimension (mm)		280*110*215		290*115*220		430*142*280	
Weight (KG)		7.5		9		17	

Special Vacuum Pump Series For Food Packing



TECHNICAL SPECIFICATIONS

Model	RS-1.8	Power (HP)	1/3
Voltage	110V:60HZ 220V: 50HZ	Oil Capacity (ML)	250
Free Air Displacement	CFM:5 CFM:4.5	Dimension (mm)	290*120*240
Ultimate Vacuum	PA: 5 Mbar: 0.05	Weight (KG)	8.5
Rotating Speed	1720 1440		



Special Vacuum Pump Series For Food Packing



TECHNICAL SPECIFICATIONS

Model	RS-4	Power (HP)	3/4
Voltage	110V:60HZ 220V: 50HZ	Oil Capacity (ML)	300
Free Air Displacement	CFM:9 CFM:8	Dimension (mm)	360*135*270
Ultimate Vacuum	PA: 5 Mbar: 0.05	Weight (KG)	19
Rotating Speed	1720 1440		



2XZ Series Vacuum Pump



This series of pumps are elementary equipment for pumping air from sealed vessels. It can be used alone, also can be used as the fore pump, process pump or titanium pump of booster pump, diffusion pump, and molecular pump. It is widely used in aerospace, semiconductor, coating, food packaging, drying machines, refrigeration equipment, scientific research, medical treatment, electronics, chemicals, medicine and laboratory or laboratory of universities and colleges.

TECHNICAL SPECIFICATIONS

Model	2XZ-1	2XZ-2	2XZ-4	2XZ-6	2XZ-8	2XZ-15
Free Air Displacement (L/S)	1	2	4	6	8	15
Ultimate Vacuum (pa)	6×10^{-2}	6×10^{-2}	6×10^{-2}	6×10^{-2}	6×10^{-2}	6×10^{-2}
Rotating Speed (RPM)	1400	1400	1400	1400	1400	1400
Power (KW)	0.25	0.37	0.55	0.75	1.1	1.5
Oil Capacity (L)	0.7	1	1.2	2	3	4
Dimension (mm)	469*168*260	514*168*282	565*168*282	565*200*342	650*240*430	700*240*430
Weight (kg)	17	22	24	50	60	75

SV Series Rotary Vane Vacuum Pump



silence



Power



Efficient


mass
flow

Advantages

Operation ranges from atmospheric pressure to ultimate pressure; Low noise level; Low vibrations; Exhaust gas free of oil mists; Protection of the Environment; Efficient air cooling (standard); Low space requirement, easy to install; Easy maintenance; Compact design

Applications

It was widely used for vacuum packaging, drying, distillation, plastics and so on.

TECHNICAL SPECIFICATIONS

Model	Free Air Displacement (m³/h)	Ultimate Vacuum (Pa)	Power (KW)	Inlet Diameter (inch)	Rotating Speed (rpm)	Oil Capacity (L)	Weight (kg)	Dimension (mm)
SV-010	10	80	0.37/0.55	G1/2	1400	0.5	16	410*280*210
SV-020	20	80	0.75/0.9	G1/2	2800	0.5	18	410*280*210
SV-040	40	50	1.1	G1 1/4	1400	2	40/58	630*290*260
SV-063	63	50	1.5	G1 1/4	1400	2	45	660*300*270
SV-100	100	50	2.2	G1 1/4	1420	4	115	770*480*300
SV-160	160	50	4	G2	1440	9	145	840*540*410
SV-250	250	50	5.5/7.5	G2	1440	9	200	1030*540*410
SV-300	300	50	7.5	G2	1400	9	230	1080*540*410

AC Power Supply Plugs

Item	Description
C01	Israel plug
C02	China plug
C03	Australia plug
C04	South Africa plug
C05	Europe plug
C06	America plug
C07	Britain plug
C08	Japan plug
C09	Italy plug
C10	Argentina plug
C11	Brazil plug



C01



C02



C03



C04



C05



C06



C07



C08



C09



C10



C11

Intake Ports Adapters



1/4"SAE



3/8"SAE



1/4"SAE 3/8"SAE



1/4"SAE 1/2"Acme



1/4"SAE 1/2"SAE



1/4"SAE 3/8"SAE 3/4"SAE



To Select A Correct Vacuum Pump

Flow Rate

The flow rate of vacuum pump is usually represented by L/S, which means the working time has a direct relationship with the flow rate. It's required to select VALUE high reliable vacuum pumps which matches the equipment.

Flow Rate	1-2L/S	3-4L/S	POWER
Applicable Equipment	Household refrigerator	Central air-conditioning Bus air-conditioning Large refrigerated warehouse	Central air-conditioning
	Household air-conditioning	Large household air-conditioning	Large household air-conditioning
	Car air-conditioning	Bus air-conditioning Large refrigerated warehouse	

Ultimate vacuum

Ultimate vacuum means the capacity of removing moisture. Pressure unit with Pa usually. The smaller figure, the higher ultimate vacuum achieves. New refrigerants central air-conditioning. Freezing and refrigeration equipment with low evaporator temperature need to use VALUE double stage vacuum pump.

Flow Rate	1-2L/S	3-4L/S
Ultimate vacuum	2Pa	2x10 ⁻¹ Pa
Applicable Equipment	Household air-conditioning	central air-conditioning
	Household air-conditioning	Large refrigerated warehouse
	Refrigerator	

Adapt for old refrigerant

Adapt for old refrigerant			Adapt for old refrigerant (including R22, R410A, etc)		Adapt for old refrigerant (including R32, 1234yf)
Household air-conditioning Household refrigerator Car air-conditioning	Large household air-conditioning Bus air-conditioning	Central air-conditioning Large refrigerated warehouse	Household air-conditioning	Central air-conditioning Large household air-conditioning	Central air-conditioning Large household air-conditioning
					 2RS-2-R32(2L/S) 2RS-3-R32(3L/S) 2RS-4-R32(4L/S)
RS-1(1L/S)	RS-3(3L/S)	2RS-2(2L/S)	RS-2-SV(2L/S)	2RS-2-SV(2L/S)	2RS-1-R32(1L/S) 2RS-2-R32(2L/S) 2RS-3-R32(3L/S) 2RS-4-R32(4L/S)
RS-2(2L/S)	RS-4(4L/S)	2RS-4(4L/S)	RS-2-SV(2L/S)	2RS-4-SV(4L/S)	



HP-SERIES VACUUM PUMP



Hongbaoshi Vacuum
Equipment Factory

HP-2000V Series Vacuum Pump



Frontage



Profile

TECHNICAL SPECIFICATIONS

Model	HP-2000V
Voltage	220V/50Hz, 15uF
Power	550W
Free air Displacement	6CFM
Ultimate Pressure	~700mmHg(-92Kpa)
Noise	≤57dB(A)
Temp Tange	5-40°C
Insulation grade	B
Cold insulation resistance (normal)	≥100MΩ
Dielectric strength	1600V/50Hz 1minno breakdown
Thermal protector	automatic reset130±5°C
Inlet&Outletport	1/4-19PT
Installation dimension	L203*W112mm(Mounting hole ∅ 7mm)
Dimension	L244*W128*H210mm
Reset Pressure	0KPa
Weight	9.2Kg



Hp-300V Series Vacuum Pump



Frontage



Profile



TECHNICAL SPECIFICATIONS

Model	HP-300V
Voltage	220V/50Hz
Power	200W
Free air Displacement	2.4m ³ /h(40L/min)
Ultimate Pressure	-650mmHg(-86Kpa)
Noise	≤47dB(A)
Temp Tange	5-40°C
Insulation grade	B
Cold insulation resistance (normal)	≥100MΩ
Dielectric strength	1600V/50Hz 1min no breakdown
Thermal protector	automatic reset130±5°C
Inlet&Outletport	1/4-18NPT
Installation dimension	L150*W112mm(Mounting hole M6)
Dimension	L188*W128*H186.3mm
Reset Pressure	0KPa
Weight	5.5Kg

HP-FB001 Series Vacuum Pump



Frontage



Profile



TECHNICAL SPECIFICATIONS

Model	HP-FB001
Voltage	220V/50Hz
Power	750W
Free air Displacement	8CFM
Ultimate Pressure	-700mmHg(-92Kpa)
Noise	≤57dB(A)
Temp Tange	5-40°C
Insulation grade	B
Cold insulation resistance (normal)	≥100MΩ
Dielectric strength	1600V/50Hz 1minno breakdown
Thermal protector	automatic reset130±5°C
Inlet&Outletport	1/4-18NPT
Installation dimension	L220*W130mm(Mounting hole i 7mm)
Dimension	L260*W135*H230mm
Reset Pressure	0KPa
Weight	16Kg