

VACUUM PUMP



Features

- Designed specially for HVAC/R service.
- Ultimate deep vacuum: single stage is 2Pa, while dual stage is 2×10^{-1} Pa.
- Compact design with aluminum housing and easy to carry.
- Thermal protector in the motor to guarantee the pump to run steadily.
- Both 1/4" and 3/8" SAE flare inlet connections allow for flexibility of connections.
- Vacuum pump oil included.
- Suitable for all the main voltage design in the market.
- Individual design for special customers.

VACUUM PUMP VP S SERIES

100% copper coil motor



• Chinese patent



1 Stage vacuum pump

Model		VP115	VP130	VP140	VP150
Flow Rate	50Hz	1.5 CFM	2.5 CFM	3.5 CFM	4.5 CFM
		42 L/min	71 L/min	100 L/min	128 L/min
	60Hz	1.8 CFM	3.0 CFM	4.0 CFM	5.0 CFM
		50 L/min	85 L/min	115 L/min	142 L/min
Ultimate Vacuum	partial pressure	2 Pa	2 Pa	2 Pa	2 Pa
	total pressure	150 microns	150 microns	150 microns	150 microns
Power		1/4 HP	1/4 HP	1/3 HP	1/3 HP
Inlet Port		1/4" SAE	1/4" SAE	1/4"&3/8" SAE	1/4"&3/8" SAE
Oil Capacity		240 ml	230 ml	330 ml	320 ml
Dimensions		240×93×200mm	240×93×200mm	280×115×230mm	280×115×230mm
Weight		4.0 kg	4.3 kg	7.0 kg	7.5 kg

Model		VP160	VP170	VP190	VP1200
Flow Rate	50Hz	5.0 CFM	6.0 CFM	8.0 CFM	10 CFM
		142 L/min	170 L/min	227 L/min	283 L/min
	60Hz	6.0 CFM	7.0 CFM	9.0 CFM	12 CFM
		170 L/min	198 L/min	255 L/min	340 L/min
Ultimate Vacuum	partial pressure	2 Pa	2 Pa	2 Pa	2 Pa
	total pressure	150 microns	150 microns	150 microns	150 microns
Power		1/2 HP	3/4 HP	3/4 HP	1 HP
Inlet Port		1/4"&3/8" SAE	1/4"&3/8" SAE	1/4"&3/8" SAE	1/4"&3/8" SAE
Oil Capacity		300 ml	280 ml	320 ml	600 ml
Dimensions		320×125×232mm	320×125×232mm	340×132×245mm	390×140×252mm
Weight		8.0 kg	8.5 kg	12.0 kg	14.5 kg

VACUUM PUMP VP S SERIES

100% copper coil motor



• Chinese patent



2 Stage vacuum pump

Model		VP215	VP230	VP240	VP250
Flow Rate	50Hz	1.5 CFM	2.5 CFM	3.5 CFM	4.5 CFM
		42 L/min	71 L/min	100 L/min	128 L/min
	60Hz	1.8 CFM	3.0 CFM	4.0 CFM	5.0 CFM
		50 L/min	85 L/min	115 L/min	142 L/min
Ultimate Vacuum	partial pressure	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa
	total pressure	15 microns	15 microns	15 microns	15 microns
Power		1/4 HP	1/3 HP	1/2 HP	1/2 HP
Inlet Port		1/4" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE
Oil Capacity		230 ml	300 ml	350 ml	350 ml
Dimensions		240×93×200 mm	280×115×230 mm	320×125×232 mm	320×125×232 mm
Weight		4.3 kg	7.8 kg	8.3 kg	8.6 kg

Model		VP260	VP270	VP290	VP2200
Flow Rate	50Hz	5.0 CFM	6.0 CFM	8.0 CFM	10 CFM
		142 L/min	170 L/min	227 L/min	283 L/min
	60Hz	6.0 CFM	7.0 CFM	9.0 CFM	12 CFM
		170 L/min	198 L/min	255 L/min	340 L/min
Ultimate Vacuum	partial pressure	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa
	total pressure	15 microns	15 microns	15 microns	15 microns
Power		1/2 HP	3/4 HP	1 HP	1 HP
Inlet Port		1/4" & 3/8" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE
Oil Capacity		330 ml	450 ml	600 ml	600 ml
Dimensions(mm)		320×125×230 mm	340×132×245 mm	370×145×252 mm	390×145×252 mm
Weight		9 kg	12.5 kg	15.5 kg	16 kg

VACUUM PUMP VP S SERIES

100% copper coil motor



• Chinese patent



Dual voltage vacuum pump

Model		VP215D	VP230D	VP240D	VP250D
Flow Rate	50Hz	1.5 CFM	2.5 CFM	3.5 CFM	4.5 CFM
		42 L/min	71 L/min	100 L/min	128 L/min
	60Hz	1.8 CFM	3.0 CFM	4.0 CFM	5.0 CFM
		50 L/min	85 L/min	115 L/min	142 L/min
Ultimate Vacuum	partial pressure	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa
	total pressure	15 microns	15 microns	15 microns	15 microns
Power		1/4 HP	1/3 HP	1/2 HP	1/2 HP
Inlet Port		1/4" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE
Oil Capacity		150 ml	300 ml	350 ml	350 ml
Dimensions(mm)		240×93×200 mm	280×115×230 mm	320×125×232 mm	320×125×232 mm
Weight		4.3 kg	7.8 kg	8.3 kg	8.6 kg

Model		VP260D	VP270D	VP290D	VP2200D
Flow Rate	50Hz	5.0 CFM	6.0 CFM	8.0 CFM	10 CFM
		142 L/min	170 L/min	227 L/min	283 L/min
	60Hz	6.0 CFM	7.0 CFM	9.0 CFM	12 CFM
		170 L/min	198 L/min	255 L/min	340 L/min
Ultimate Vacuum	partial pressure	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa	2×10^{-1} Pa
	total pressure	15 microns	15 microns	15 microns	15 microns
Power		1/2 HP	3/4 HP	1 HP	1 HP
Inlet Port		1/4" & 3/8" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE	1/4" & 3/8" SAE
Oil Capacity		330 ml	450 ml	600 ml	600 ml
Dimensions(mm)		320×125×230 mm	340×132×245 mm	370×145×252 mm	390×145×252 mm
Weight		9kg	12.5kg	15.5kg	16kg



Low Profile On/Off Switch
110V/220V Power Selector Switch
Rocker 6 Ft. Removable Power Cord

VACUUM PUMP VP N SERIES

More Stable, Longer Worklife



Integral structure pump body



Fan-cooled Motor
Cooling fan for maximum performance in even harshest conditions



Thermal And Overload Protector
High performance thermal and overload protector makes it safety to operate



100% Copper Coil Motor
More reliable

• Chinese patent



1 Stage vacuum pump

Model		VP115N	VP130N	VP140N	VP150N
Flow Rate	50Hz	1.8 CFM	2.5 CFM	3.5 CFM	4.5 CFM
		51 L/min	71 L/min	100 L/min	128 L/min
	60Hz	2.0 CFM	3.0 CFM	4.0 CFM	5.0 CFM
		57 L/min	85 L/min	115 L/min	142 L/min
Ultimate Vacuum	partial pressure	2 Pa	2 Pa	2 Pa	2 Pa
	total pressure	150 microns	150 microns	150 microns	150 microns
Power		1/4 HP	1/4 HP	1/3 HP	1/3 HP
Inlet Port		1/4" SAE	1/4" SAE	1/4"&3/8" SAE	1/4"&3/8" SAE
Oil Capacity		240 ml	230 ml	330 ml	320 ml
Dimensions		240×93×200mm	240×93×200mm	280×115×230mm	280×115×230mm
Weight		4.0 kg	4.3 kg	7.0 kg	7.5 kg

Model		VP160N	VP170N	VP190N	VP1200N
Flow Rate	50Hz	5.0 CFM	6.0 CFM	8.0 CFM	10 CFM
		142 L/min	170 L/min	227 L/min	283 L/min
	60Hz	6.0 CFM	7.0 CFM	9.0 CFM	12 CFM
		170 L/min	198 L/min	255 L/min	340 L/min
Ultimate Vacuum	partial pressure	2 Pa	2 Pa	2 Pa	2 Pa
	total pressure	150 microns	150 microns	150 microns	150 microns
Power		1/2 HP	3/4 HP	3/4 HP	1 HP
Inlet Port		1/4"&3/8" SAE	1/4"&3/8" SAE	1/4"&3/8" SAE	1/4"&3/8" SAE
Oil Capacity		300 ml	280 ml	320 ml	600 ml
Dimensions		320×125×232mm	320×125×232 mm	340×132×245mm	390×140×252 mm
Weight		8.0 kg	8.5 kg	12.0 kg	14.5 kg

VACUUM PUMP VP N SERIES



• Chinese patent



2 Stage vacuum pump

Model		VP215N	VP230N	VP240N	VP250N
Flow Rate	50Hz	1.8CFM	2.5CFM	3.5CFM	4.5 CFM
		51 L/min	71 L/min	100 L/min	128 L/min
	60Hz	2.0 CFM	3.0 CFM	4.0 CFM	5.0 CFM
		57 L/min	85 L/min	115 L/min	142 L/min
Ultimate Vacuum	partial pressure	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa
	total pressure	15 microns	15 microns	15 microns	15 microns
Power		1/4 HP	1/3 HP	1/2 HP	1/2 HP
Inlet Port		1/4"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE
Oil Capacity		230 ml	300 ml	350 ml	350 ml
Dimensions		240x93x200 mm	280x115x230 mm	320x125x232 mm	320x125x232 mm
Weight		4.3 kg	7.8 kg	8.3 kg	8.6 kg

Model		VP260N	VP270N	VP280N	VP290N	VP2200N
Flow Rate	50Hz	5.0 CFM	6.0 CFM	7.0 CFM	8.0 CFM	10 CFM
		142 L/min	170 L/min	198 L/min	227 L/min	283 L/min
	60Hz	6.0 CFM	7.0CFM	8.0 CFM	9.0 CFM	12 CFM
		170 L/min	198 L/min	227 L/min	255 L/min	340 L/min
Ultimate Vacuum	partial pressure	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa
	total pressure	15 microns	15 microns	15 microns	15 microns	15 microns
Power		1/2 HP	3/4 HP	3/4 HP	1 HP	1 HP
Inlet Port		1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE
Oil Capacity		330 ml	450 ml	500 ml	630 ml	630 ml
Dimensions		320x125x230 mm	340x132x245 mm	300x132x245 mm	390x145x252 mm	390x145x252 mm
Weight		9.0 kg	12.5 kg	13.5 kg	15.5 kg	16 kg

VACUUM PUMP VP N SERIES



Low Profile
On/Off
Rocker
Switch

110V/220V
Power Selector
Switch
6 Ft. Removable
Power Cord

• Chinese patent



Dual voltage vacuum pump

Model		VP215ND	VP230N	VP240ND	VP250ND
Flow Rate	50Hz	1.8CFM	2.5CFM	3.5CFM	4.5 CFM
		51 L/min	71 L/min	100 L/min	128 L/min
	60Hz	2.0 CFM	3.0 CFM	4.0 CFM	5.0 CFM
		57 L/min	85 L/min	115 L/min	142 L/min
Ultimate Vacuum	partial pressure	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa
	total pressure	15 microns	15 microns	15 microns	15 microns
Power		1/4 HP	1/3 HP	1/2 HP	1/2 HP
Inlet Port		1/4"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE
Oil Capacity		230 ml	300 ml	350 ml	350 ml
Dimensions		240x93x200 mm	280x115x230 mm	320x125x232 mm	320x125x232 mm
Weight		4.3 kg	7.8 kg	8.3 kg	8.6 kg

Model		VP260ND	VP270ND	VP280ND	VP290ND	VP2200ND
Flow Rate	50Hz	5.0 CFM	6.0 CFM	7.0 CFM	8.0 CFM	10 CFM
		142 L/min	170 L/min	198 L/min	227 L/min	283 L/min
	60Hz	6.0 CFM	7.0CFM	8.0 CFM	9.0 CFM	12 CFM
		170 L/min	198 L/min	227 L/min	255 L/min	340 L/min
Ultimate Vacuum	partial pressure	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa	2×10 ⁻¹ Pa
	total pressure	15 microns	15 microns	15 microns	15 microns	15 microns
Power		1/2 HP	3/4 HP	3/4 HP	1 HP	1 HP
Inlet Port		1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE	1/4"&3/8"SAE
Oil Capacity		330 ml	450 ml	500 ml	630 ml	630 ml
Dimensions		320x125x230 mm	340x132x245 mm	360x132x245 mm	390x145x252 mm	390x145x252 mm
Weight		9.0 kg	12.5 kg	13.5 kg	15.5 kg	16 kg

VACUUM PUMP A-i SERIES

New Structure, Low Speed Motor, More Reliable



Integral structure pump body



Fan-cooled Motor
Cooling fan for maximum performance in even harshest conditions



Thermal And Overload Protector
High performance thermal and overload protector makes it safety to operate



Gas Ballast
Separate the vapor from the gas, Prolong the use of pump oil.

• Chinese patent



1 Stage vacuum pump

Model		A-i120	A-i130	A-i140	A-i150
Flow Rate	50Hz	1.8CFM	2.5CFM	3.5CFM	4.5CFM
		51 L/min	71 L/min	100 L/min	128 L/min
	60Hz	2.0CFM	3.0CFM	4.0CFM	5.0CFM
		57 L/min	85 L/min	113 L/min	142 L/min
Ultimate Vacuum	partial pressure	1Pa	1Pa	1Pa	1Pa
	total pressure	75mircons	75mircons	75mircons	75mircons
Power		1/3HP	1/2HP	1/2HP	1/2HP
Inlet Port		1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE
Oil Capacity		230ml	330ml	230ml	450ml
Dimensions		240×93×200 mm	280x115x230 mm	320×125×232 mm	340×132×245 mm
Weight		5.0kg	7.8kg	8kg	10.0kg

Model		A-i160	A-i180	A-i190	A-i1200
Flow Rate	50Hz	5.0CFM	7.0CFM	8.0CFM	10CFM
		142L/min	198L/min	227L/min	283L/min
	60Hz	6.0CFM	8.0CFM	9.0CFM	12CFM
		170L/min	227L/min	255L/min	340L/min
Ultimate Vacuum	partial pressure	1Pa	1Pa	1Pa	1Pa
	total pressure	75mircons	75mircons	75mircons	75mircons
Power		1/2HP	3/4HP	3/4HP	1HP
Inlet Port		1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE
Oil Capacity		350ml	320ml	600ml	600ml
Dimensions		340×132×245 mm	360×132×245 mm	390×140×252mm	390×140×252 mm
Weight		11.0kg	13.5kg	14.0kg	14.5kg

VACUUM PUMP A-i SERIES

New Structure, Low Speed Motor, More Reliable



Integral structure pump body



Fan-cooled Motor
Cooling fan for maximum performance in even harshest conditions



Thermal And Overload Protector
High performance thermal and overload protector makes it safety to operate



Gas Ballast
Separate the vapor from the gas, Prolong the use of pump oil.

• Chinese patent



2 Stage vacuum pump

Model		A-i210	A-i220	A-i230	A-i240
Flow Rate	50Hz	1.0 CFM	1.8 CFM	2.5CFM	3.5 CFM
		28 L/min	51 L/min	71L/min	100 L/min
	60Hz	1.5 CFM	2.0 CFM	3.0CFM	4.0 CFM
		42 L/min	57 L/min	85L/min	113 L/min
Ultimate Vacuum	partial pressure	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa
	total pressure	7.5 Microns	7.5 Microns	7.5Microns	7.5 mircons
Power		1/4 HP	1/2 HP	1/2HP	1/2 HP
Inlet Port		1/4"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE
Oil Capacity		230 ml	350 ml 230ml	330ml	600 ml
Dimensions		240×93×200 mm	280×115×230 mm	320×125×232 mm	340×132×245 mm
Weight		4.5kg	8.5kg	9.5kg	11 kg

Model		A-i250	A-i260	A-i280	A-i2200
Flow Rate	50Hz	4.5CFM	5.0CFM	7.0 CFM	10 CFM
		128L/min	142L/min	198 L/min	283 L/min
	60Hz	5.0CFM	6.0CFM	8.0 CFM	12 CFM
		142L/min	170L/min	227 L/min	340 L/min
Ultimate Vacuum	partial pressure	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa
	total pressure	7.5Microns	7.5 Microns	7.5 mircons	7.5 mircons
Power		1/2HP	3/4 HP	1 HP	1 HP
Inlet Port		1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE
Oil Capacity		530ml	500ml	600 ml	550 ml
Dimensions		340×132×245 mm	360×132×245 mm	390×145×252mm	390×145×252 mm
Weight		12kg	13.5 kg	16 kg	17 kg

VACUUM PUMP NON-SPARK SERIES

Suit for R32,HFO-1234yf refrigerant



Integral structure pump body



Fan-cooled Motor
Cooling fan for maximum performance in even harshest conditions



Thermal And Overload Protector
High performance thermal and overload protector makes it safety to operate



Gas Ballast
Separate the vapor from the gas, Prolong the use of pump oil.

• Chinese patent



2 Stage vacuum pump

Model		A-i210-NS	A-i220-NS	A-i230-NS	A-i240-NS
Flow Rate	50Hz	1.0 CFM	1.8 CFM	2.5CFM	3.5 CFM
		28 L/min	51 L/min	71L/min	100 L/min
	60Hz	1.5 CFM	2.0 CFM	3.0CFM	4.0 CFM
		42 L/min	57 L/min	85L/min	113 L/min
Ultimate Vacuum	partial pressure	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa
	total pressure	7.5 Microns	7.5 Microns	7.5Microns	7.5 mircons
Power		1/4 HP	1/2 HP	1/2HP	1/2 HP
Inlet Port		1/4"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE
Oil Capacity		230 ml	350 ml 230ml	330ml	600 ml
Dimensions		240×93×200 mm	280×115×230 mm	320×125×232 mm	340×132×245 mm
Weight		4.5kg	8.5kg	9.5kg	11 kg

Model		A-i250-NS	A-i260-NS	A-i280-NS	A-i2200-NS
Flow Rate	50Hz	4.5CFM	5.0CFM	7.0 CFM	10 CFM
		128L/min	142L/min	198 L/min	283 L/min
	60Hz	5.0CFM	6.0CFM	8.0 CFM	12 CFM
		142L/min	170L/min	227 L/min	340 L/min
Ultimate Vacuum	partial pressure	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa	1×10 ⁻³ Pa
	total pressure	7.5Microns	7.5 Microns	7.5 mircons	7.5 mircons
Power		1/2HP	3/4 HP	1 HP	1 HP
Inlet Port		1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE	1/4" & 3/8"SAE
Oil Capacity		530ml	500ml	600 ml	550 ml
Dimensions		340×132×245 mm	360×132×245 mm	390×145×252mm	390×145×252 mm
Weight		12kg	13.5 kg	16 kg	17 kg

VACUUM PUMP AHV SERIES



- Integral structure pump body, 7.5microns
- Equipped with oil Anti-sucking device
- Heavy-duty independent motor
- High quality, longer work life
- Non-spark series is optional in

• Chinese patent



2 stage vacuum pump

Model		AHV-6	AHV-8	AHV-10	AHV-12
Flow Rate	50Hz	5.0CFM	7.0CFM	9CFM	10CFM
		142L/min	198L/min	255L/min	283L/min
	60Hz	6.0CFM	8.0CFM	10CFM	12CFM
Ultimate Vacuum	partial pressure	1x10 ⁻¹ Pa	1x10 ⁻¹ Pa	1x10 ⁻¹ Pa	1x10 ⁻¹ Pa
	total pressure	7.5Microns	7.5Microns	7.5microns	7.5microns
Power		1/2HP	1HP	1HP	1HP
Motor speed	50Hz	1440	1440	1440	1440
	60Hz	1720	1720	1720	1720
Inlet Port		1/4" & 3/8" & 5/8" SAE	1/4" & 3/8" & 5/8" SAE	1/4" & 3/8" & 5/8" SAE	1/4" & 3/8" & 5/8" SAE
Oil Capacity		550ml	600ml	550ml	520ml
Dimensions(mm)		400 x140 x260	400 x140 x260	430 x140 x260	430 x140 x260
Weight		15kg	16kg	17kg	18kg

Intake port fittings & Device



Item	Description
A1	1/4"SAE
A2	1/4" & 3/8" SAE
A3	1/4" SAE & 1/2" ACME
A4	Hose Adapter
A5	1/4" & 3/8" SAE & 5/8" SAE

Item	Description
T1	Ball valve + 1/4" SAE
T2	Ball valve + 1/4" SAE & 1/2" ACME
S1	Solenoid valve + 50mm Gauge
S2	Solenoid valve + 80mm Gauge
G1	Gas ballast

Power supply plugs



Item	Description
P1	American plug
P2	Europe plug
P3	UK plug
P4	Australia plug
P5	Argentina plug

Item	Description
P6	Brazil plug
P7	India plug
P8	Israel plug
P9	Italy plug
P10	Japan plug

VACUUM PUMP ARV SERIES

Industrial, Fast, Excellent Performance



Application:

Suitable for production line, large engineering equipment, refrigeration equipment repairing, machinery equipment industry and the other vacuum work.

• Chinese patent



Features

- Equipped with oil anti-sucking device.
- With gas ballast valve to separate the vapor from the gas, so as to ensure the purity and prolonged the use of the pump oil.
- With integral structure pump body, independent low speed motor, heavy-duty work.
- Exhaust port is applied with oil fog catcher to prevent oil leaking and environment pollution.
- Non-spark Series is optional.

2 stage vacuum pump

Model		ARV-16	ARV-24	ARV-30	ARV-50	ARV-70	ARV-90
Flow Rate M ³ /h(L/s)	50Hz	16(4.4)	24(6.7)	30(8.3)	50(13.9)	70(19.4)	90(25)
	60Hz	19.2(5.3)	28.8(8.0)	36(10)	60(16.7)	84(23.3)	108(30)
Ultimate partial Pressure gas ballast close		4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa
Ultimate total Pressure gas ballast close		4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa	4×10 ⁻² Pa
Ultimate total Pressure gas ballast open		8×10 ⁻² Pa	8×10 ⁻² Pa	8×10 ⁻² Pa	8×10 ⁻² Pa	8×10 ⁻² Pa	8×10 ⁻² Pa
Power supply		single/3-phase	single/3-phase	single/3-phase	3-phase	3-phase	3-phase
Rated Power		0.75kw/0.55kw	1.1kw/0.75kw	1.1 kw	1.5 kw	2.2 kw	3 kw
Inlet and Exhaust port		KF 25	KF 25/40	KF 25/40	KF 40	KF 40	KF 40
Oil Capacity		0.9-1.5L	1.2-2.0L	1.2-2.0L	3.0-4.5L	3.0-4.5 L	3.0-4.5 L
Motor Speed (RPM)	50Hz	1440	1440	1440	1440	1440	1440
	60Hz	1720	1720	1720	1720	1720	1720
Operation Temp.		5-40℃	5-40℃	5-40℃	5-40℃	5-40℃	5-40℃
Noise Level(dB)		≤58	≤58	≤58	≤58	≤58	≤58
Dimensions		520×192×295 mm	520×192×295 mm	520×192×295 mm	720×240×380 mm	720×240×380 mm	780×260×480 mm
Weight		32 kg	35 kg	38 kg	60 kg	65 kg	80 kg

VACUUM PUMP VPI SERIES

Heavy-duty, Industrial Vacuum Pump



Three four-way air inlets design, make the vacuum work faster



Large exhaust fitting, with stainless steel oil filter inside



Vacuum gauge to check the vacuum situation

• Chinese patent



- Suitable for large engineering equipment, refrigeration equipment and the other vacuum work.
- With integral structure pump body, more stable, thorough evacuation.
- Independent low speed motor, higher quality, longer work life.
- Non-spark series is optional

2 stage vacuum pump

Model		VPI2014	VPI2024
Flow Rate M ³ /h(CFM)	50Hz	20(12)	36(20)
	60Hz	24(14)	43(24)
Ultimate Partial Pressure Gas Ballast Close		4x10 ⁻² Pa	4x10 ⁻² Pa
Ultimate Total Pressure Gas Ballast Close		4x10 ⁻¹ Pa	4x10 ⁻¹ Pa
Ultimate Total Pressure Gas Ballast Open		8x10 ⁻¹ Pa	8x10 ⁻¹ Pa
Power Supply		Single/3-phase	Single/3-phase
Rated Power		0.75kw/0.55kw	1.1kw
Inlet and Exhaust Port		1/4"SAE&3/8"SAE&5/8"SAE	1/4"SAE&3/8"SAE&5/8"SAE
Oil Capacity		0.9-1.5L	1.2-2.0L
Motor Speed(RPM)	50Hz	1440	1440
	60Hz	1720	1720
Operation Temp		5 - 40 ℃	5 - 40 ℃
Noise Level(dB)		≤58	≤58
Weight		32kg	32kg