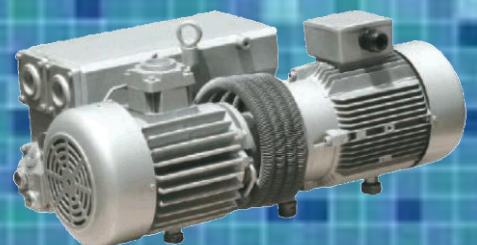


New Winstar Enterprise Co., Ltd.

Rotary Vane Vacuum Pump

Oil Type

SIROCCO®



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Company Introduction

We Have A Profession Technical and Manufacturing Team And Has Been Selling *SIROCCO* Brand Word-Wide.

The Company Has *SIROCCO* Brand More Than Twenty Years Of High-Pressure Blower Field Experience With Spirit Of Providing Quick Service And Technical Based High Quality Products For Our Most Valuable Customers And Potential Business Partners.

Your Interests and Enquires Are Always Welcome.

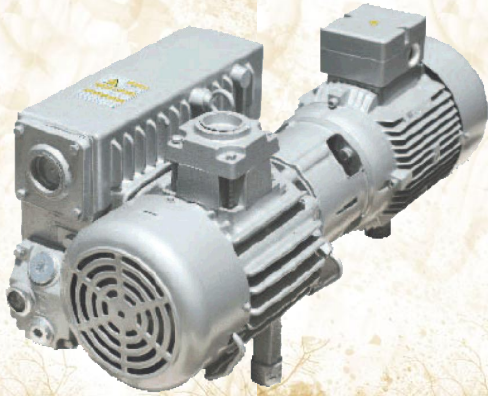
A Brand New Set Of Modules Have Been Invented To Upgrade Quality Of Our High-Pressure Blowers Leading The New Series Of Blowers Are Both In Appearance, Air Pressure And Volume More Desirable Than The Old Series.

Rigorous Tests And Inspections Have Conducted For Each Blower Ship Out Of The Factory For Firm 100% High Quality Products Deliver To Customers.

ECO AIR® SIROCCO®



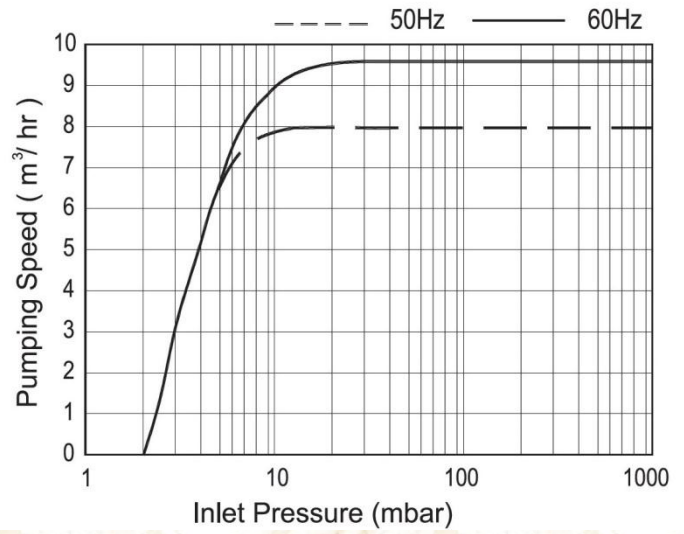
Rotary Vane Vacuum Pump-Oil Type



RVP 08 Serial



The displacement curves are valid for air at 20°C .
Tolerance: ±10%



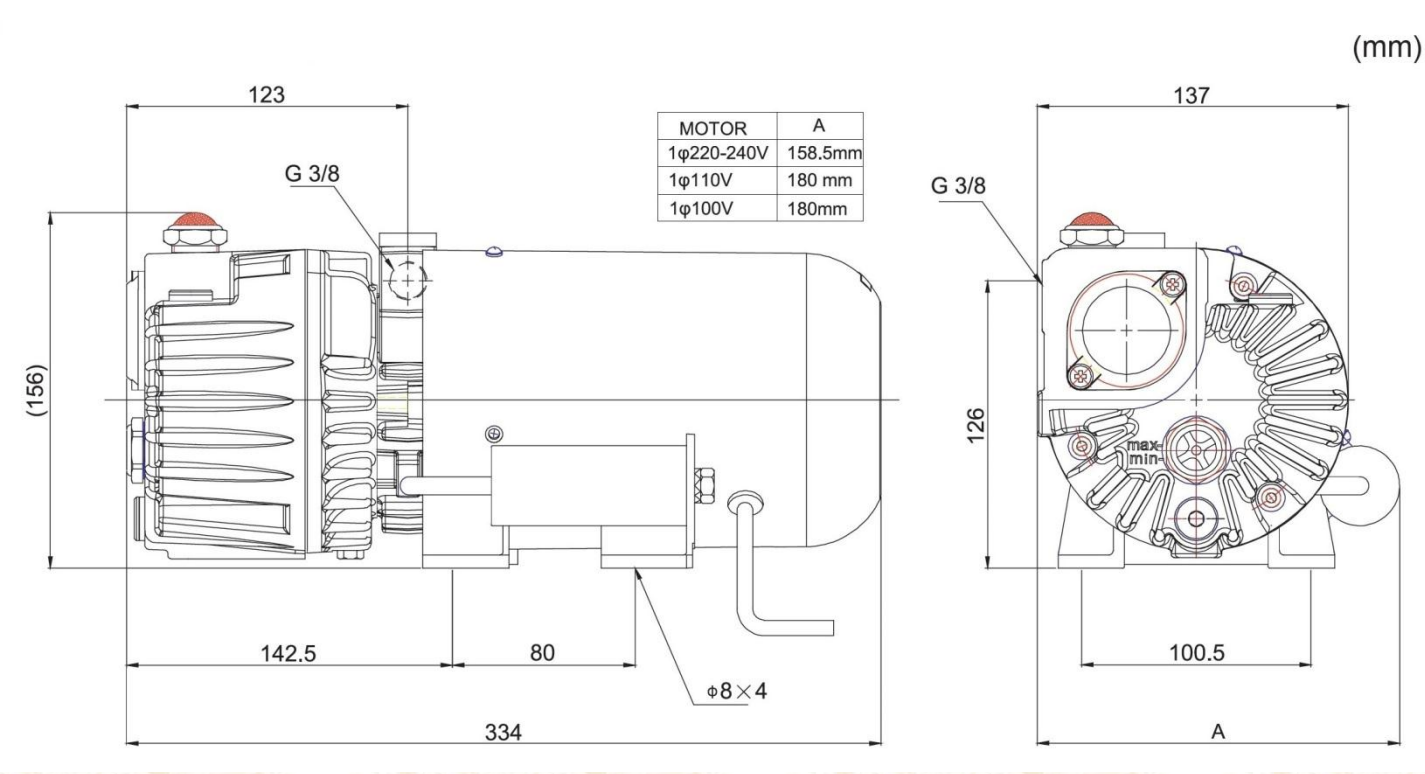
Specification

Model	Phase	Voltage	Hz	Rated Output kw	Rated Current Amps	Ultimate Pressure mabr ^(*)	Max. Pump Speed m³/h	Noise Level dB(A) ^(*)	Oil Capacity L	Weight kg
RVP08-573	1	220-240	50	0.35	2.4	2	8	59	0.25	9.5
			60	0.45	2.5		9.6	63		
RVP08-5M3		110	50	0.35	5.5	2	8	60	0.25	9.5
			60	0.45	6.2		9.6	64		
RVP08-513		100	50	0.35	4.4	2	8	60	0.25	9.5
			60	0.45	6.8		9.6	64		

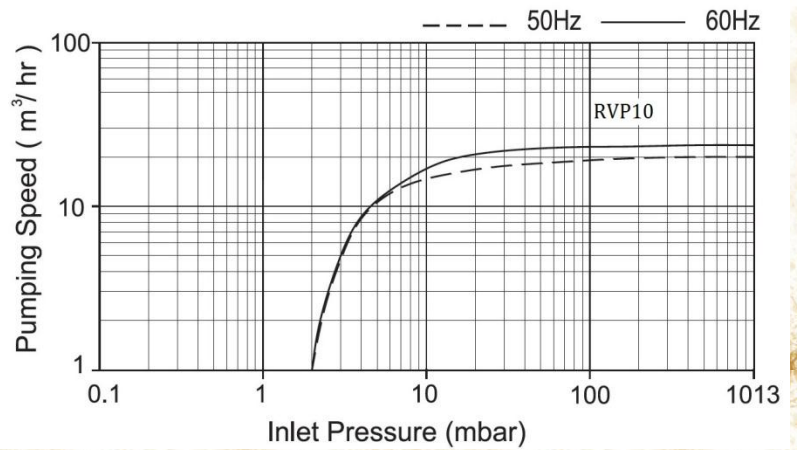
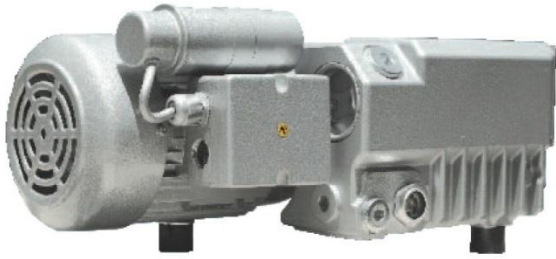
Remark 1 Inlet flange pressure

Remark 2 dB(A) value gets from 4 points & 1 meter distance test

Dimension



RVP 10 Serial



Specification

Single Phase

Model	Phase	Voltage	Hz	Rated Output kw	Rated Current Amps	Ultimate Pressure mabr ⁽¹⁾	Max. Pump Speed m ³ /h	Noise Level dB(A) ⁽²⁾	Oil Capacity L	Weight kg		
RVP10-410	1	100 ~ 120 / 200 ~ 240	50	0.76	7.5-12.2 / 4-6.8	20	20	72	0.5	25.3		
			60	0.92	9.8-9.0 / 5.3-4.8		24	72				
RVP10-510			50	0.76	7.5-12.2 / 4-6.8	2	20	72	0.5	25.3		
			60	0.92	9.8-9.0 / 5.3-4.8		24	72				
RVP10-530	1	100	50	0.76	9.2	2	20	72	0.5	25.3		
			60	0.92	10.8		24	72				
RVP10-450	1	200 ~ 240	50	0.76	4 – 6.8	20	20	72	0.5	24.4		
			60	0.92	4.6 - 4		24	72				
RVP10-550			1	200 ~ 240	50	0.76	4 – 6.8	2	20	72	0.5	24.4
					60	0.92	4.6 – 4		24	72		

Remark 1 Inlet flange pressure

Remark 2 dB(A) value gets from 4 points & 1 meter distance test

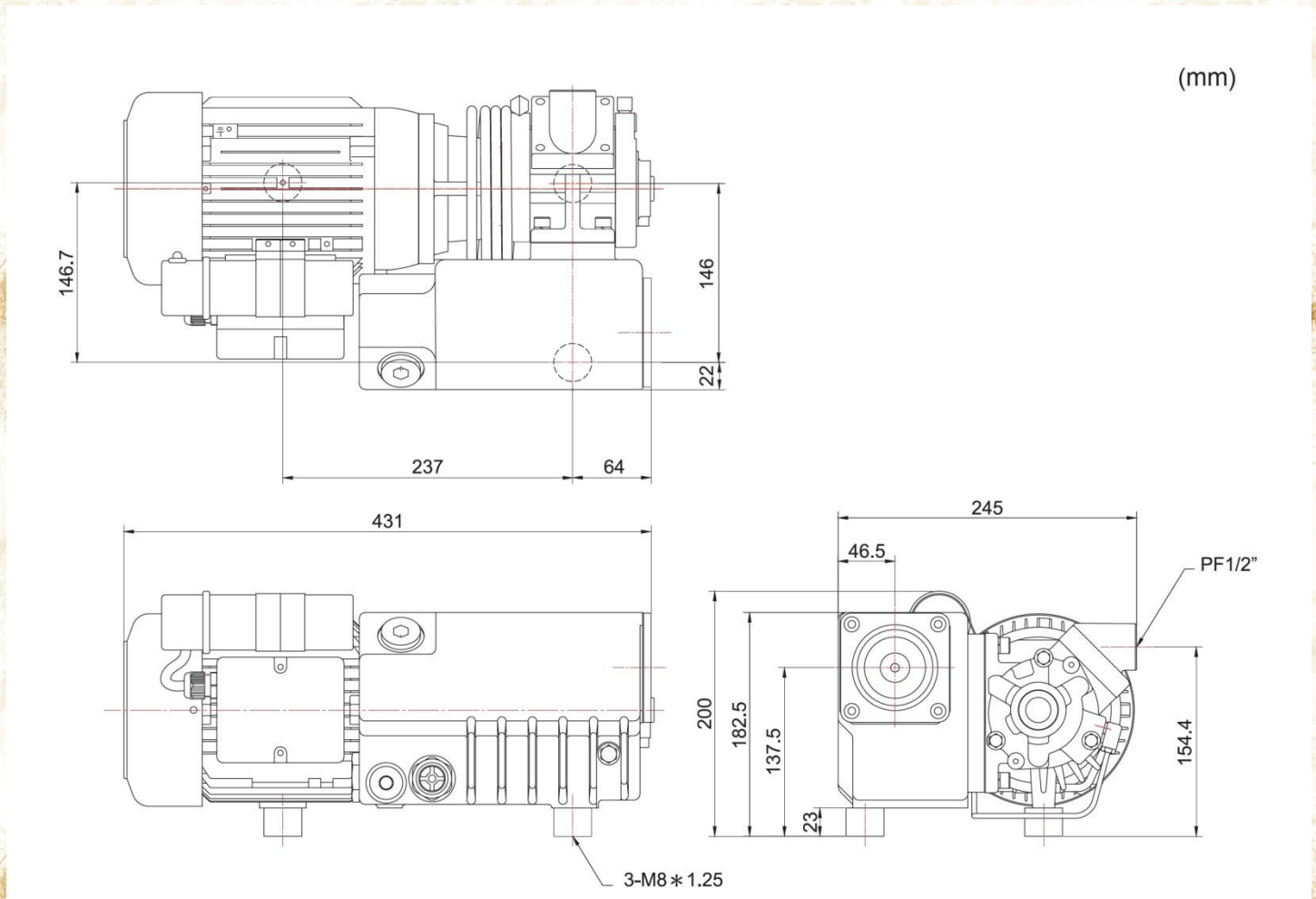
Three Phase

Model	Phase	Voltage	Hz	Rated Output kw	Rated Current Amps	Ultimate Pressure mabr ^(*)	Max. Pump Speed m ³ /h	Noise Level dB(A) ^(*)	Oil Capacity L	Weight kg
RVP10-420	3	200 ~ 240 / 380 ~ 440	50	0.76	2.5-2.9 / 1.5-1.9	20	20	72	0.5	21.9
			60	0.92	2.7-2.5 / 1.6-1.5		24	72		
RVP10-520			50	0.76	2.5-2.9 / 1.5-1.9	2	20	72	0.5	21.9
			60	0.92	2.7-2.5 / 1.6-1.5		24	72		

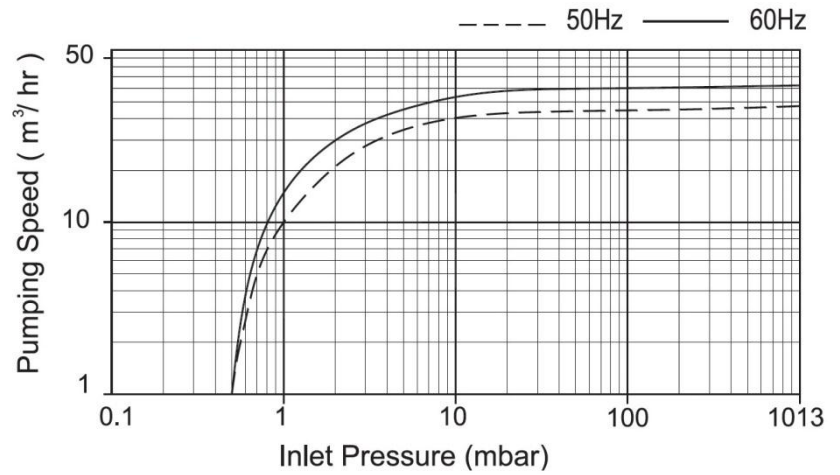
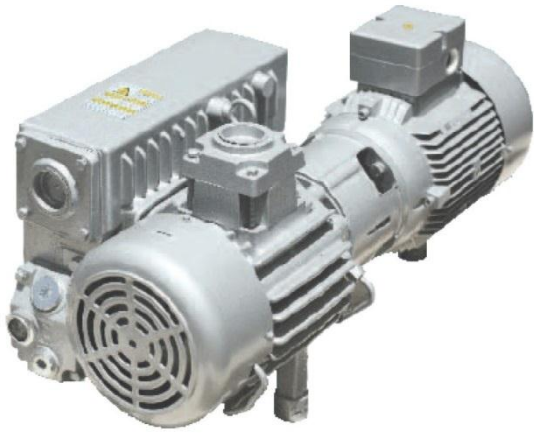
Remark 1 Inlet flange pressure

Remark 2 dB(A) value gets from 4 points & 1 meter distance test

Dimension



RVP 20 Serial



Specification

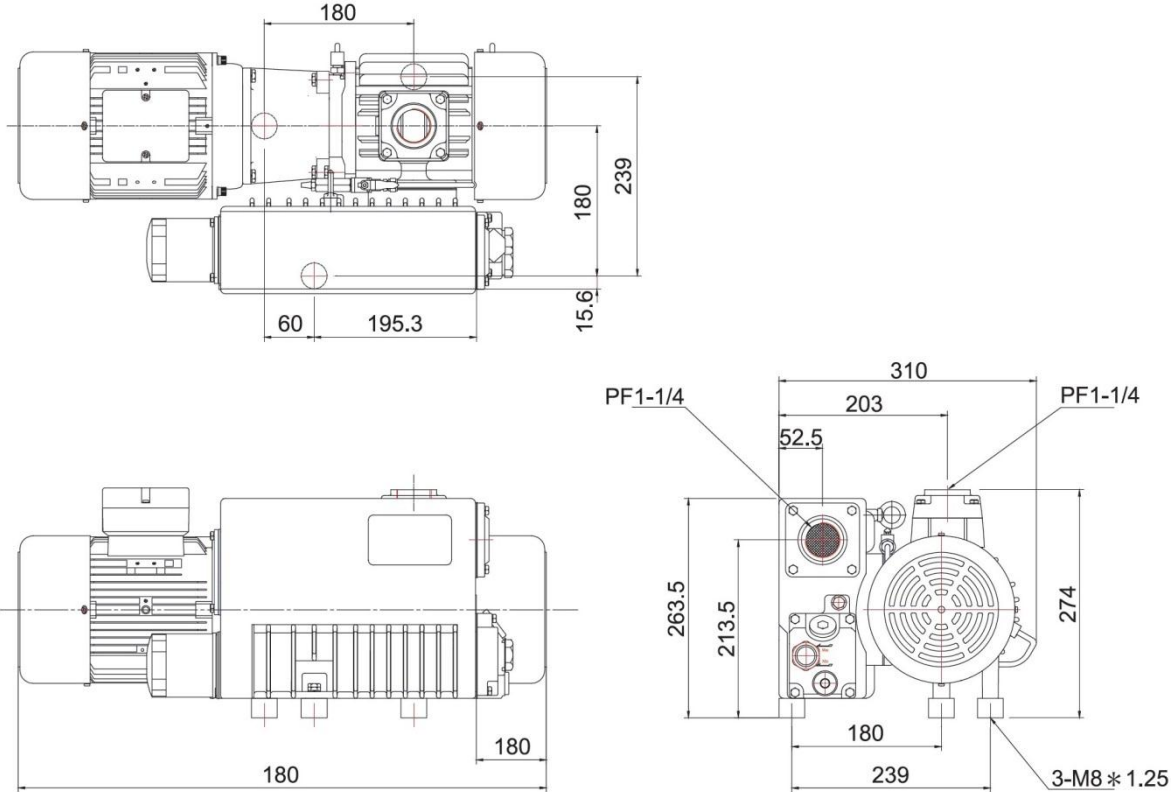
Model	Phase	Voltage	Hz	Rated Output kw	Rated Current Amps	Ultimate Pressure mabr ^(*1)	Max. Pump Speed m ³ /h	Noise Level dB(A) ^(*2)	Oil Capacity L	Weight kg
RVP20-420	3	200 ~ 240 / 380 ~ 440	50	1.1	5.4-6.4 / 3.4-4.2	20	40	70	1	50
			60	1.5	5.2-5.5 / 3.0-3.2		48	74		
RVP20-620			50	1.1	5.4-6.4 / 3.4-4.2	0.5	40	70	1	50
			60	1.5	5.2-5.5 / 3.0-4.2		48	74		

Remark 1 Inlet flange pressure

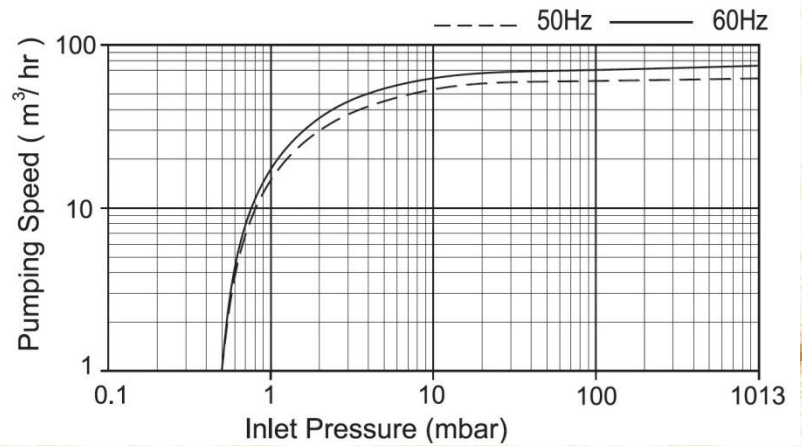
Remark 2 dB(A) value gets from 4 points & 1 meter distance test

Dimension

(mm)



RVP 30 Serial



Specification

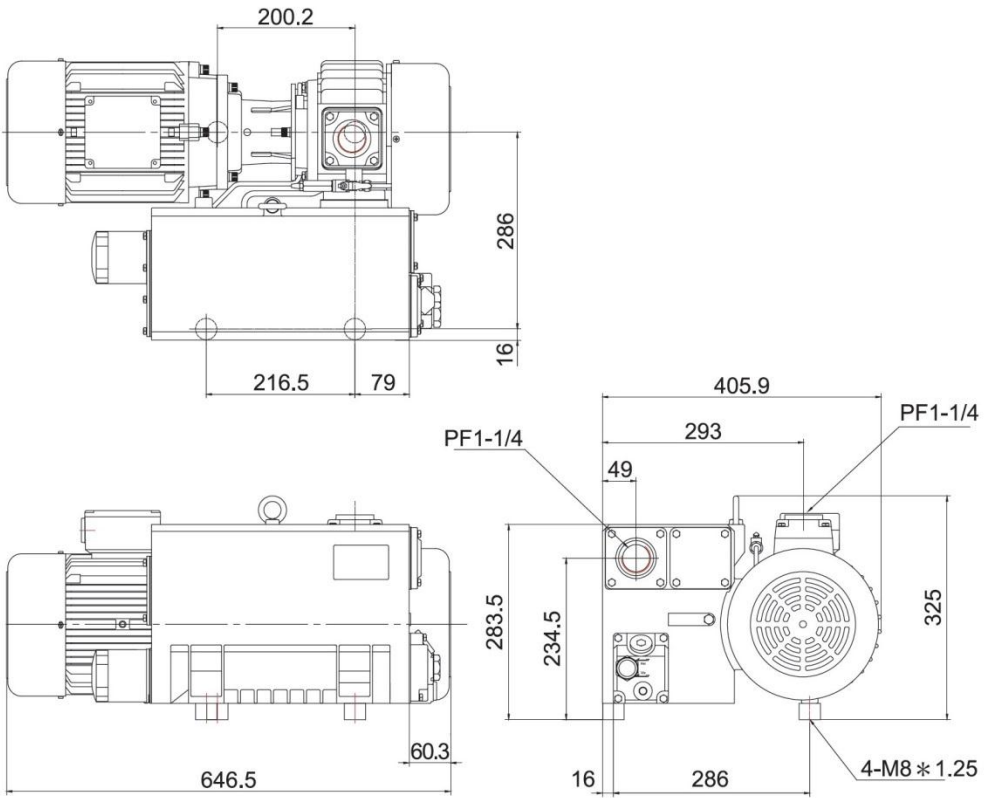
Model	Phase	Voltage	Hz	Rated Output kw	Rated Current Amps	Ultimate Pressure mabr ^(*)	Max. Pump Speed m³/h	Noise Level dB(A) ^(*)	Oil Capacity L	Weight kg
RVP30-420	3	200 ~ 240 / 380 ~ 440	50	1.5	6.1-7.6 / 3.8-5.5	20	63	74	2	61.6
			60	2.2	5.4-6.3 / 3.1-3.9		76	76		
RVP30-620			50	1.5	6.1-7.6 / 3.8-5.5	0.5	63	74	2	61.6
			60	2.2	5.4-6.3 / 3.1-3.9		76	76		

Remark 1 Inlet flange pressure

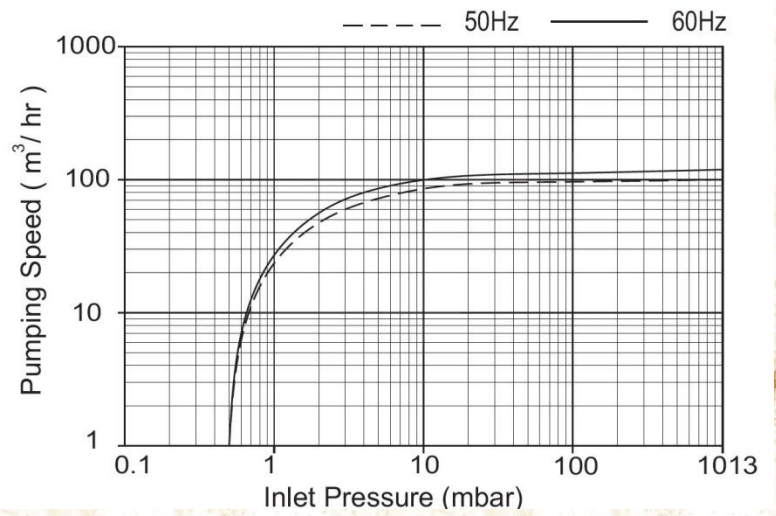
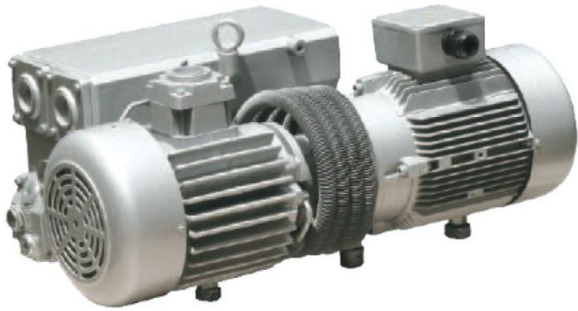
Remark 2 dB(A) value gets from 4 points & 1 meter distance test

Dimension

(mm)



RVP 40 Serial



Specification

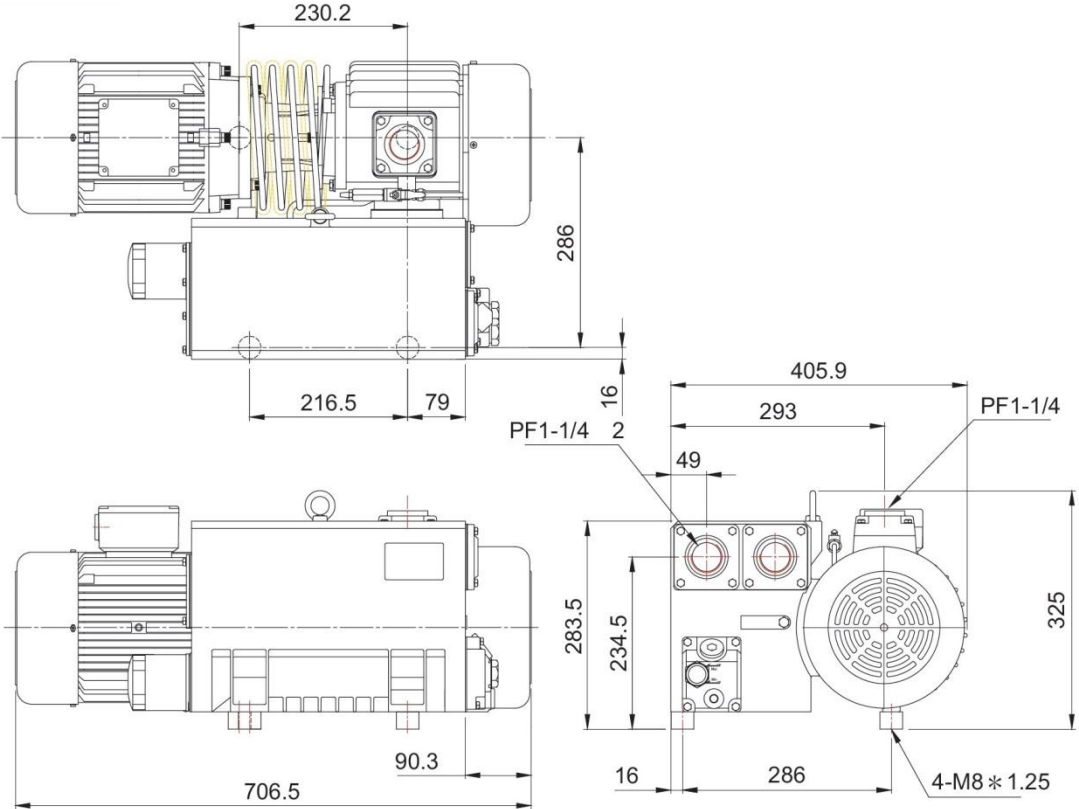
Model	Phase	Voltage	Hz	Rated Output kw	Rated Current Amps	Ultimate Pressure mabr ^(*)	Max. Pump Speed m³/h	Noise Level dB(A) ^(*)	Oil Capacity L	Weight kg
RVP40-420	3	200 ~ 240 / 380 ~ 440	50	3.0	6.5~8 / 4.5~5.2	20	100	74	2	70
			60	3.5	6.6~6.8 / 3.8~4.2		120	76		
RVP40-620			50	3.0	6.5~8 / 4.5~5.2	0.5	100	74	2	70
			60	3.5	6.6~6.8 / 3.8~4.2		120	76		

Remark 1 Inlet flange pressure

Remark 2 dB(A) value gets from 4 points & 1 meter distance test

Dimension

(mm)



Portable / Mini Vacuum Pump / Compressor -

Oil Type

MAC-C / MAS-A Serial



Usable Range

MAS and MAC series of single-stage rotary vane vacuum pumps and two-stage rotary vane vacuum pumps are used to obtain vacuum by pumping gas from sealed containers, especially suitable for Refrigeration repair (use with R12, R22 and R134a air conditioning systems), medical appliances, printing machinery, vacuum packing, gas-analysis and hot-forming plastics.

Features

Oil Anti-flow Back Design

The gas inlet is specially designed to prevent the oil from flowing back, preventing the container and the hoses from being polluted.

Environmental Design

The tank has separating devices at the exhaust port to prevent oil spraying and to reduce pollution

Alloy aluminum casing

Motor using Aluminum alloy casing, have good heat dissipation qualities, it will help to keep the pump running more efficiently for a longer period of time, and has a good appearance quality.

Overall Design

The electric components and the pump are overall designed to make the product compact and lighter.

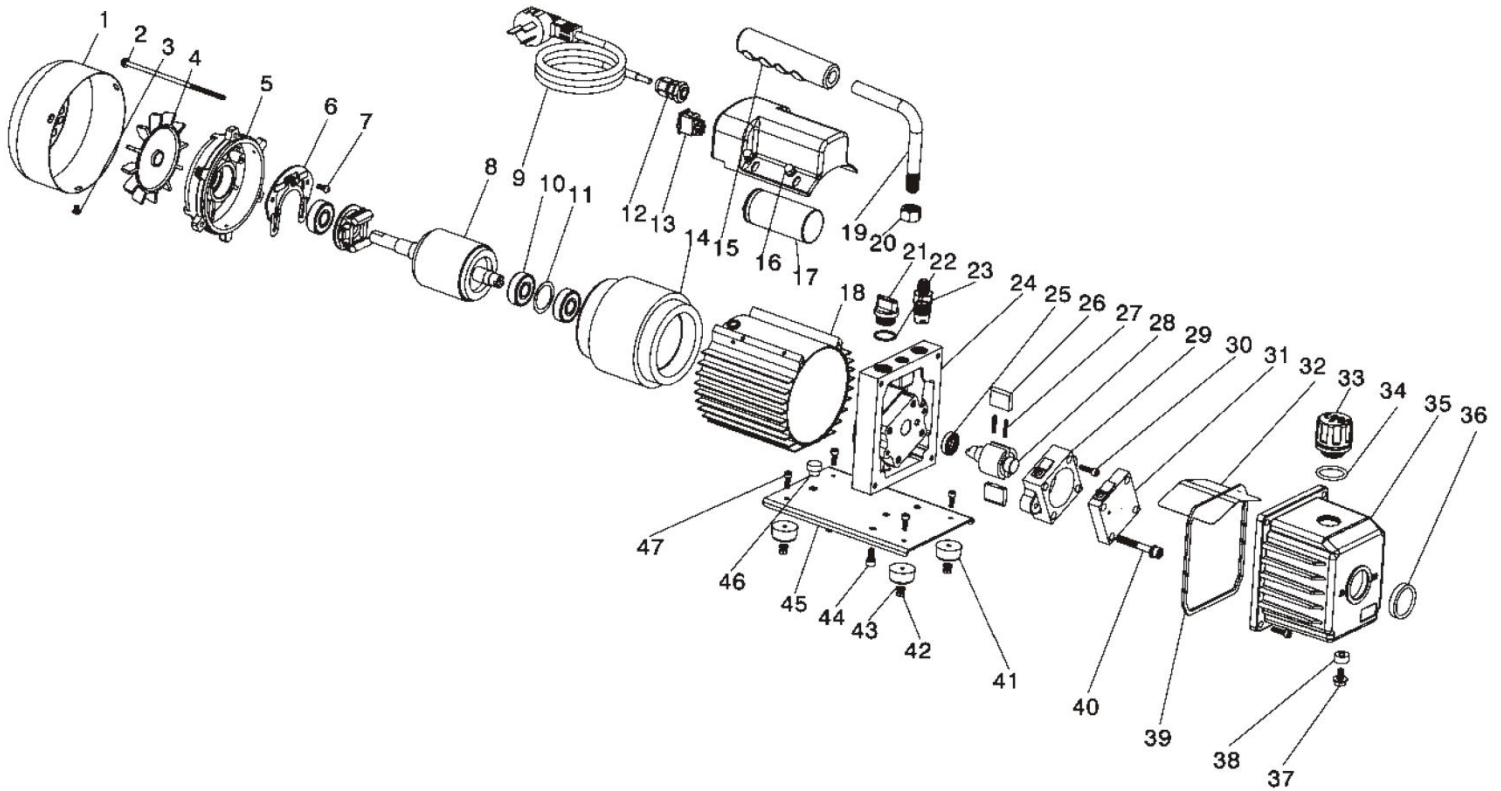
Easy to Start, Faster to Pump

The starter design makes the vacuum pump easy to start even in lower temperatures. This feature allows higher efficiency and faster pumping

Low Noise and Vibration

An electrometric-coupling insert between the motor and module results in extremely quiet and smooth operation.

Parts Illustration



ITEM#	ORDERING PART#	PART DESCRIPTION
1	PRT3441-01	FAN COVER
2	PRT3441-02	LONG SCREW
3	PRT3441-03	SCREW
4	PRT3441-04	FAN
5	PRT3441-05	MOTOR COVER
6	PRT3441-06	CENTRIFUGAL SWITCH(2PCS)
7	PRT3441-07	SCREW
8	PRT3441-08	ROTOR
9	PRT3441-09	POWER CABLE
10	PRT3441-10	BEARING
11	PRT3441-11	WAVEFORM GASKET
12	PRT3441-12	INSULATING BUSHING
13	PRT3441-13	SWITCH
14	PRT3441-14	STATOR
15	PRT3441-15	HANDLE COVER
16	PRT3441-16	SCREW
17	PRT3441-17	CAPACITOR
18	PRT3441-18	MOTOR COVER
19	PRT3441-19	HANDLE
20	PRT3441-20	NUT
21	PRT3441-21	OIL FILLING PORT
22	PRT3441-22	O-RING
23	PRT3441-23	INLET FITTING
24	PRT3441-24	BRACKET

ITEM#	ORDERING PART#	PART DESCRIPTION
25	PRT3441-25	OIL SEAL
26	PRT3441-26	ROTARY-VANE
27	PRT3441-27	SPRING
28	PRT3441-28	PUMP ROTOR
29	PRT3441-29	PUMP BODY
30	PRT3441-30	SCREW
31	PRT3441-31	BACK-PUMP COVER
32	PRT3441-32	CAP BOARD
33	PRT3441-33	OIL GAS SEPARATOR
34	PRT3441-34	O-RING
35	PRT3441-35	OIL TANK
36	PRT3441-36	OIL LEVEL
37	PRT3441-37	OIL SEAL CAP
38	PRT3441-38	SEAL GASKET
39	PRT3441-39	O-RING
40	PRT3441-40	BOLT
41	PRT3441-41	RUBBER FEET
42	PRT3441-42	NUT
43	PRT3441-43	FLAT GASKET
44	PRT3441-44	SCREW
45	PRT3441-45	BASEBOARD
46	PRT3441-46	BEARING PAD
47	PRT3441-47	SCREW

Specification

Model	MAS-0.5A				MAS-1A			
Free Air Displacement	1 cfm		1.2 cfm		2 cfm		2.5 cfm	
	30 l/min	0.5 l/s	35 l/min	0.58 l/s	58 l/min	0.96 l/s	72 l/min	1.2 l/s
Number Of Stage	Single Stage Rotary Vane				Single Stage Rotary Vane			
Field Blank Off	15 microns				15 microns			
Intake Fitting	1/4 SAE				1/4 SAE			
Motor	1/6 HP				1/6 HP			
Rotating Speed	1440 r/min		1720 r/min		1440 r/min		1720 r/min	
Internal Capacitor Thermal Overload	Temperature Rise 40° C				Temperature Rise 40° C			
Voltage	220 v / 50 Hz		110 v / 60 Hz		220 v / 50 Hz		110 v / 60 Hz	
Ultimate Vacuum	10 Pa				10 Pa			
	75 microns		0.1 mbar		75 microns		0.1 mbar	
Dimension	250 * 110 * 250 mm				270 * 110 * 250 mm			
Net Weight	6.6 kg				7.6 kg			

Model	MAS-1.5A				MAS-2A			
Free Air Displacement	3 cfm		3.6 cfm		4 cfm		4.5 cfm	
	85 l/min	1.4 l/s	102 l/min	1.7 l/s	58 l/min	0.96 l/s	72 l/min	1.2 l/s
Number Of Stage	Single Stage Rotary Vane				Single Stage Rotary Vane			
Field Blank Off	15 microns				15 microns			
Intake Fitting	1/4 SAE 1/2 Acme				1/4 SAE 1/2 Acme			
Motor	1/4 HP				1/3 HP			
Rotating Speed	1440 r/min		1720 r/min		1440 r/min		1720 r/min	
Internal Capacitor Thermal Overload	Temperature Rise 40° C				Temperature Rise 40° C			
Voltage	220 v / 50 Hz		110 v / 60 Hz		220 v / 50 Hz		110 v / 60 Hz	
Ultimate Vacuum	10 Pa				10 Pa			
	75 microns		0.1 mbar		75 microns		0.1 mbar	
Dimension	280 * 110 * 250 mm				310 * 120 * 250 mm			
Net Weight	8.0 kg				10.0 kg			

Model	MAS-3A				MAS-4A			
Free Air Displacement	5.5 cfm		6.6 cfm		8 cfm		9 cfm	
	156 l/min	2.61 l/s	188 l/min	3 l/s	212 l/min	3.5 l/s	255 l/min	4.2 l/s
Number Of Stage	Single Stage Rotary Vane				Single Stage Rotary Vane			
Field Blank Off	15 microns				15 microns			
Intake Fitting	1/4 SAE 1/2 Acme				1/4 SAE 1/2 Acme			
Motor	1/2 HP				1/2 HP			
Rotating Speed	1440 r/min		1720 r/min		1440 r/min		1720 r/min	
Internal Capacitor Thermal Overload	Temperature Rise 40° C				Temperature Rise 40° C			
Voltage	220 v / 50 Hz		110 v / 60 Hz		220 v / 50 Hz		110 v / 60 Hz	
Ultimate Vacuum	10 Pa				10 Pa			
	75 microns		0.1 mbar		75 microns		0.1 mbar	
Dimension	400 * 140 * 290 mm				400 * 140 * 290 mm			
Net Weight	14.6 kg				15.8 kg			

Model	MAS-5A				MAS-6A			
Free Air Displacement	9 cfm		11 cfm		11.5 cfm		13.5 cfm	
	260 l/min	4.3 l/s	312 l/min	5.2 l/s	325 l/min	5.4 l/s	382 l/min	6.4 l/s
Number Of Stage	Single Stage Rotary Vane				Single Stage Rotary Vane			
Field Blank Off	15 microns				15 microns			
Intake Fitting	1/4 SAE				1/4 SAE			
Motor	3/4 HP				3/4 HP			
Rotating Speed	1440 r/min		1720 r/min		1440 r/min		1720 r/min	
Internal Capacitor Thermal Overload	Temperature Rise 40° C				Temperature Rise 40° C			
Voltage	220 v / 50 Hz		110 v / 60 Hz		220 v / 50 Hz		110 v / 60 Hz	
Ultimate Vacuum	10 Pa				10 Pa			
	75 microns		0.1 mbar		75 microns		0.1 mbar	
Dimension	440 * 160 * 300 mm				440 * 160 * 300 mm			
Net Weight	18.5 kg				19 kg			

Double Stage

Model	MAC-0.5C				MAC-1C			
Free Air Displacement	1 cfm		1.2 cfm		2 cfm		2.5 cfm	
	30 l/min	0.5 l/s	35 l/min	0.58 l/s	58 l/min	0.96 l/s	72 l/min	1.2 l/s
Number Of Stage	Double Stage Rotary Vane				Double Stage Rotary Vane			
Field Blank Off	15 microns				15 microns			
Intake Fitting	1/4 SAE 1/2 Acme				1/4 SAE 1/2 Acme			
Motor	1/4 HP				1/3 HP			
Rotating Speed	1440 r/min		1720 r/min		1440 r/min		1720 r/min	
Internal Capacitor Thermal Overload	Temperature Rise 40° C				Temperature Rise 40° C			
Voltage	220 v / 50 Hz		110 v / 60 Hz		220 v / 50 Hz		110 v / 60 Hz	
Ultimate Vacuum	5×10^{-1} Pa				5×10^{-1} Pa			
	25 microns		0.033 mbar		25 microns		0.033 mbar	
Dimension	340 * 130 * 260 mm				340 * 130 * 260 mm			
Net Weight	10.25 kg				10.25 kg			

Model	MAC-2C				MAC-3C			
Free Air Displacement	4 cfm		5 cfm		6 cfm		7 cfm	
	115 l/min	1.9 l/s	142 l/min	2.36 l/s	156 l/min	2.6 l/s	186 l/min	3.1 l/s
Number Of Stage	Double Stage Rotary Vane				Double stage rotary vane			
Field Blank Off	15 microns				15 microns			
Intake Fitting	1/4 SAE 1/2 Acme 5/8 SAE				1/4 SAE 1/2 Acme 5/8 SAE			
Motor	1/2 HP				3/4 HP			
Rotating Speed	1440 r/min		1720 r/min		1440 r/min		1720 r/min	
Internal Capacitor Thermal Overload	Temperature Rise 40° C				Temperature Rise 40° C			
Voltage	220 v / 50 Hz		110 v / 60 Hz		220 v / 50 Hz		110 v / 60 Hz	
Ultimate Vacuum	5×10^{-1} Pa				5×10^{-1} Pa			
	25 microns		0.033 mbar		25 microns		0.033 mbar	
Dimension	400 * 140 * 290 mm				400 * 140 * 290 mm			
Net Weight	15.5 kg				15.75 kg			

MAC-2 Serial



A more compact 2-stage, 1 CFM vacuum pump for the smaller jobs, such as appliance and small residential

Designed and built to the same quality specifications as the large MAC pumps

- ❧ Evacuate quickly to ultimate vacuum of 15 microns
- ❧ Heavy duty construction includes all metal parts and a rugged 1/6 Hp motor. Capacitor start.
- ❧ Compact size for easy handling
- ❧ Offset vanes maximize capacity
- ❧ Fully tested, inspected and run-in
- ❧ Supplied with 3/8", 1/4" flare and 1/2" A Acne intake fittings.

Specification

Model	MAC-215		MAC-235	
Free Air Displacement	1.5 cfm	42 l/min	3.5 cfm	100 l/min
Number Of Stage	Double Stage Rotary Vane		Double Stage Rotary Vane	
Field Blank Off	15 microns		15 microns	
Intake Fitting	1/4 flare		1/4 flare	
Motor	1/4 HP		1/3 HP	
Rotating Speed	1440 r/min		1440 r/min	
Voltage	220 v / 50 Hz		220 v/50 Hz	
Ultimate Vacuum	0.003 Pa		0.003Pa	
	25 microns		25 microns	
Dimension	270 * 119 * 216 mm		320 * 134 * 232	
Net Weight	6 kg		11 kg	

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