

RVP



HIGHVAC

CORPORATION

RVP Series

Oil Sealed Rotary Vane Vacuum Pumps

- Low Noise / Vibration
- Integrated Oil Suck Back
- Integrated Oil Lubrication
- High Water Vapor Tolerance
- Integrated Gas Ballast Valve
- Quick Change Pump Cartridge*
- ETL Listed
- Robust NEMA motors
- Explosion Proof Option

HIGHVAC's RVP series two stage rotary vane high vacuum pumps are the best choice for reliability, value, and ease of maintenance.

With a full range of pumps from 12 to 300 m³/h and pressures down to 3.75x10⁻³ torr, there is an option for your process application.

*Our mid-range pumps (36 – 110) incorporate a unique, removable cartridge that makes pump replacement a breeze. Completely replace the pump cartridge in as quick as 10 minutes without draining oil or disconnecting the vacuum foreline, booster, or motor.

The SMART choice for your manufacturing process or inclusion into your OEM equipment line.

MODEL		RVP 12-2	RVP 18-2
Pumping Speed	m ³ /h (cfm)	50 Hz	9.9 (5.8)
		60 Hz	12 (7.1)
Ultimate Pressure	Torr	Gas Ballast Closed	3.75 x 10 ⁻³
		Gas Ballast Open	3.75 x 10 ⁻²
Motor Power	HP (kW)		0.5 (0.4)
Motor Voltage	V	Single Phase	115 / 220V
		Three Phase	N/A
Motor Amp Rating	A	Single Phase 115 (220)	8.0 (4.0)
		Three Phase 230 (460)	N/A
Oil Quantity	Liters		0.55 - 1.1
Inlet	KF		25
Outlet	KF		25
Ambient Temp.	°F		41-104°
Weight	lbs. (kg)		56 (25.4)

MODEL		RVP 36-2	RVP 50-2	RVP 70-2	RVP 110-2
Pumping Speed	m ³ /h (cfm)	50 Hz	30 (17.7)	40 (23.6)	60 (35.3)
		60 Hz	36 (21.2)	48 (28.3)	72 (42.4)
Ultimate Pressure	Torr	Gas Ballast Closed	3.75 x 10 ⁻³		
		Gas Ballast Open	1.5 x 10 ⁻²		
Motor Power	HP (kW)		1.5 (1.1)	2.0 (1.5)	3.0 (2.2)
Motor Voltage	V	Single Phase	115 / 220V	N/A	
		Three Phase	230 / 460V		
Motor Amp Rating	A	Single Phase 115 (220)	17.2 (8.8)	N/A	N/A
		Three Phase 230 (460)	4.8 (2.4)	5.8 (2.9)	7.8 (3.9)
Oil Quantity	Liters		1.2 - 2.8	2.5 - 4.2	
Inlet	KF		40		
Outlet	KF		40		
Ambient Temp.	°F		41-104°		
Weight	lbs. (kg)		142 (64)	147 (67)	197 (89)

MODEL		RVP 200-2	RVP 300-2
Pumping Speed	m ³ /h (cfm)	50 Hz	160 (94)
		60 Hz	196 (115)
Ultimate Pressure	Torr	Gas Ballast Closed	3.75 x 10 ⁻³
		Gas Ballast Open	1.5 x 10 ⁻²
Motor Power	HP (kW)		7.5 (5.6)
Motor Voltage	V	Single Phase	N/A
		Three Phase	230 / 460V
Motor Amp Rating	A	Single Phase 115 (220)	N/A
		Three Phase 230 (460)	22.4 (10.8)
Oil Quantity	Liters		20-25
Inlet	ISO		80
Outlet	KF		50
Cooling Water	68 °F	L/hr	80
Weight	lbs. (kg)		513 (233)