VRI-2/4/8

Smaller and Lighter

Dual-stage rotary vane vacuum pump





Product Feature

- **Excellent performance**

  Integral pump structure, require higher accuracy;
  Proven vanes technology,
  makes the performance more stable;
  Ensure the pump system with higher reliability.

- **Forced lubrication**

  Built-in gear pump and constant pressure oil supply mechanism forced oil supply,
  ensure the stable and reliable operation under high suction pressure.

- **Electric solenoid valve**

  Maintain system vacuum degree after power-off, prevent the oil suckback.

- **Compact structure**

  Integrated design between pump and motor, lighter, smaller, the size is satisfied all kinds of application.



Electric solenoid valve



Oil pump



Big sight glass design

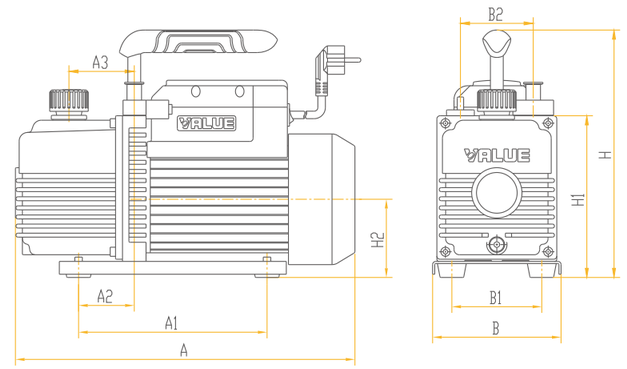


Integrated pump body structure

VALUE | VACUUM TECHNOLOGY

Specifications

Model			VRI-2	VRI-4	VRI-8
Displacement speed	50Hz	m^3/h (L/s)	2.0(0.6)	4.0(1.1)	8.0(2.2)
	60Hz		2.4(0.7)	4.8(1.3)	9.6(2.7)
Ultimate partial pressure gas ballast close		Pa	1×10^{-1}	1×10^{-1}	1×10^{-1}
Utimate total pressure gas ballast close		Pa	3	3	3
Utimate total pressure gas ballast open		Pa	/	20	20
Power supply			Single	Single	Single
Power rating		kW	0.25	0.37	0.55
Level of protection			IP44	IP44	IP44
Intake and exhaust			KF16	KF16	KF16
Oil capacity		L	0.2	0.3	0.5
Motor speed	50Hz	rpm	1440	1440	1440
	60Hz		1720	1720	1720
Ambient temperature		℃	5-40	5-40	5-40
Noise level (50Hz)		dB	≤62	≤62	≤65
Weight		kg	9	11	17
Dimension (L*W*H)		mm	318x124x234	337x138x244	395x145x257



VRI Dimensions (unit:mm)

Model	A	A1	A2	A3	B	B1	B2	H	H1	H2
VRI-2	318	144	40	61	124	84	68	234	154	76
VRI-4	337	144	40	61	138	84	74	244	166	78
VRI-8	395	174	66	85	145	99	74	257	178	86