



HVP-M Series

H₂O₂ Plasma Sterilizers Pump

- Stainless spring is used for a better corrosion resistance.
- Two-Shift adjustable gas ballast valve satisfies different requirements of condensable vapor (such as water vapor) to be exhausted out of pump in different processes.
- Dual protection of oil anti-suckback ensures vacuum system from oil pollution when pump stops running and needs to be easily restarted.
- Forced oil circulation system consisted of oil pump and constant pressure oil supply mechanism ensures stable running of the pump.
- Less components are used, easy to maintain and repair.

Specifications

Model		HVP-8M	HVP-16M	HVP-24M	HVP-30M	HVP-48M	HVP-65M
Displacement speed m ³ /h (L/s)	50Hz	8(2.2)	16(4.4)	24(6.6)	30(8.3)	48(13.3)	65(18)
	60Hz	9.6(2.6)	19.2(5.2)	28.8(7.9)	36(9.9)	57.6(16)	78(21.6)
Ultimate partial pressure gas ballast close (Pa)		5×10 ⁻²	4×10 ⁻²	4×10 ⁻²	4×10 ⁻²	4×10 ⁻²	4×10 ⁻²
Ultimate total pressure gas ballast close (Pa)		5×10 ⁻¹	4×10 ⁻¹	4×10 ⁻¹	4×10 ⁻¹	4×10 ⁻¹	4×10 ⁻¹
Ultimate total pressure gas ballast open (Pa)		10	8×10 ⁻¹	8×10 ⁻¹	8×10 ⁻¹	8×10 ⁻¹	8×10 ⁻¹
Power supply		Single/Three Phase	Single/Three Phase	Single/Three Phase	Single/Three Phase	Three-Phase	Three-Phase
Power rating (kW)		0.4/0.37	0.75/0.55	1.1/0.75	1.1	1.5	2.2
Intake and exhaust DN (mm)		KF25	KF25	KF25/40	KF25/40	KF40	KF40
Oil capacity (L)		0.6~1.0	0.9~1.5	1.3~2.0	1.3~2.0	3.3~4.5	3.3~4.5
Motor speed (rpm)	50Hz	1440	1440	1440	1440	1440	1440
	60Hz	1720	1720	1720	1720	1720	1720
Ambient temperature (°C)		10 - 40	10 - 40	10 - 40	10 - 40	10 - 40	10 - 40
Noise level (dB)		≤56	≤58	≤58	≤58	≤62	≤62
Weight (Kg)		21	30	35	43	62	65