

# 2XZ Rotary Vacuum Pump

2XZ series direct-driven rotary vane vacuum pump is one of the main vacuum equipment pumping gas from the sealed container. It not only can be used alone, but also can be a backing pump of booster pump, diffusion pump, turbo molecular pump and titanium pump. It can be used for electric vacuum device manufacturing, Thermos manufacturing, vacuum welding, printing, plastic, refrigeration equipment repair and instrument repair facilities, etc.

Because of its small volume, light weight, low noise, thus, it's more suitable for using in the lab. When the ambient temperature range under 40° Celcius, the air inlet pressure is less than  $1.3 \times 10^3$  Pa, it's allowed long-term continuous operation, However, when pumped gas relative humidity above 90%, it should open the gas ballast valve.

2XZ series direct-drive rotary vane vacuum pump is not available for pumping gas with corrosive, oxygen, explosive, toxic, etc.

Models		2XZ-2C	2XZ-4C	2XZ-6C	2XZ-8C	2XZ-15C	2XZ-25C
Pump speed	50HZ (L/s)	2	4	6	8	15	25
	60HZ (L/s)	2.4	4.8	7.2	9.6	18	30
	50HZ (m3/h)	7.2	14	22	29	54	90
	60HZ (m3/h)	8.6	17	25	35	65	108
Ultimate pressure(Pa)	Partial pressure	$6 \times 10^{-2}$	$6 \times 10^{-2}$	$5 \times 10^{-2}$	$5 \times 10^{-2}$	$5 \times 10^{-2}$	$5 \times 10^{-2}$
	Total pressure	1	1	1	1	1	1
Rotary speed(r/min)	50HZ	1400	1400	1400	1400	1400	1400
	60HZ	1720	1720	1720	1720	1720	1720
Motor power(Kw)		0.37	0.55	0.75	1.1	1.5	3.0
Working voltage(v)		220/380	220/380	380	380	380	380
Inlet Diam(mm)	I.D.	KF-25	KF-25	KF-25	KF-40	KF-40	KF-40
	O.D.						
Dimensions(mm)	Length	480	520	545	616	705	830
	Width	150	150	172	255	255	275
	Height	200	200	285	360	360	440
Noise(dBA)		65	65	68	70	70	72
Oil capacity (L)		0.8	1	1.5	3	3.5	4
G.W./N.W. (kg)		22/20	26/22	55/46	70/60	86/75	105/85

## Application :

The pumps can be widely used in foodstuff, scientific research, Medicine, Electronics, Universities & colleges etc.

- Environmental, convenience and safe to use.
- High vacuum, high ventilation rate speed.
- Equipped with gas ballast valve, can suck a little water vapor, have function of mandatory inlet of oil
- Continuous working for 3000 to 4000 hours in free of trouble
- Export carton sealed packaging

