

## Winner Vacuum Packing Pvt Ltd.

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## Direct Drive Rotary Vane High Vacuum Pump

### 2WXZ – C SERIES

#### Product Description:

This series of pumps are improved on the type of 2WXZ. We adopt foreign advanced technology and experiences. It is used for pumping the water vapor in sealed vessel to make the vessel in a vacuum. It can also be as forepump of the high vacuum or super high vacuum equipments.



#### Structural Features:

1. Small volume, Low Weight and Low Noise.
2. Equipped with gas ballast valve to pump a little water vapor.
3. Double stage High ultimate vacuum.
4. Advanced lubricating system, Easy maintenance & usage.
5. Equipped with oil anti-suck back device.
6. While keeping the inlet pressure at  $1.33 \times 10^{-3}$  Pa, still can run continuously.
7. No oil leak, no spray, no pollution. The exhaust of 2WXZ -6C, 2WXZ -8C, 2WXZ -15 C, and, 2WXZ -25C is assembled with oil mist collector.

#### Application :

It is widely used in vacuum smelting, vacuum coating, monocrystal silicon polysilicon distilling industry, food packaging, aerospace technology, semiconductor, electronics, refrigeration equipment, medical treatment, Chemical laboratory or laboratory of universities and colleges, Distillation Process, Dehydration Process, Thin Film Coating process, Filtration Process, Freeze-drying of food & drugs etc., Vacuum Impregnation.

#### Technical Data :

Models		2WXZ-2C	2WXZ -4C	2WXZ -6C	2WXZ -8C	2WXZ-15C	2WXZ -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	$4 \times 10^{-2}$	$4 \times 10^{-2}$	$4 \times 10^{-2}$	$4 \times 10^{-2}$	$4 \times 10^{-2}$	$4 \times 10^{-2}$
	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	2.2
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

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