

VACUUM PUMPS

VE N SERIES / STANDARD VERSION

FAMCO
هایپر صنعت

Totally Upgrade

VE N Series

More Reliable,
Higher Ultimate Vacuum

15 micron

2~10 CFM

Single Stage

Item No .	VE115N	VE125N	VE135N	VE160N	VE180N	
Flow Rate	50 Hz	1.8CFM 51 l/min	2.5 CFM 70 l/min	3.5 CFM 100 l/min	6 CFM 170 l/min	8 CFM 226 l/min
	60 Hz	2.0 CFM 57 l/min	3.0 CFM 84 l/min	4.0 CFM 113 l/min	7.0 CFM 198 l/min	9.0 CFM 254 l/min
Ultimate Vacuum	2 Pa 150 micron	2 Pa 150 micron	2 Pa 150 micron	2 Pa 150 micron	2 Pa 150 micron	
Power	1/4 HP	1/4 HP	1/3 HP	1/2 HP	3/4 HP	
Inlet Port	1/4 " Flare	1/4 " Flare	1/4 " & 3/8 " Flare	1/4 " & 3/8 " Flare	1/4 " & 3/8 " Flare	
Oil Capacity	250 ml	250 ml	250 ml	415 ml	660 ml	
Dimensions(mm)	290×124×224	290×124×224	318×124×234	338×138×244	395×145×257	
Weight	6.6 kg	7.1 kg	8.0 kg	9.9 kg	14.6 kg	

Dual Stage

Item No .	VE215N	VE225N	VE245N	VE260N	VE280N	VE2100N	
Flow Rate	50 Hz	1.5 CFM 42 l/min	2.5 CFM 70 l/min	4.5 CFM 128 l/min	6 CFM 170 l/min	8 CFM 226 l/min	10 CFM 283 l/min
	60 Hz	1.8 CFM 50 l/min	3 CFM 84 l/min	5 CFM 142 l/min	7 CFM 198 l/min	9 CFM 254 l/min	12 CFM 340 l/min
Ultimate Vacuum	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	
Power	1/4HP	1/3HP	1/2HP	3/4HP	1HP	1HP	
Inlet Port	1/4 " Flare	1/4 " Flare	1/4 " & 3/8 " Flare	1/4 " & 3/8 " Flare	1/4 " & 3/8 " Flare	1/4 " & 3/8 " Flare	
Oil Capacity	200 ml	200 ml	325 ml	580 ml	500 ml	590 ml	
Dimensions(mm)	308×124×224	318×124×234	338×138×244	395×145×257	395×145×257	395×145×257	
Weight	7.5 kg	8.5 kg	10.4 kg	15.8 kg	16.2 kg	16.7 kg	

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VACUUM PUMPS

VE N SERIES / DUAL VOLTAGE SERIES

DUAL VOLTAGE

110~220V | 50~60Hz

Power plug

---make this connection with different power plugs easy.

Power supply conversion switch

---make sure this switch is set on the right place before operating: 110V or 220V.



It's New



Dual Stage

Item No .	VE215ND	VE225ND	VE245ND	
Flow Rate	50 Hz	1.5 CFM 42 l/min	2.5 CFM 70 l/min	4.5 CFM 128 l/min
	60 Hz	1.8 CFM 50 l/min	3.0 CFM 84 l/min	5.0 CFM 142 l/min
Ultimate Vacuum	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	
Power	1/4HP	1/3HP	1/2HP	
Inlet Port	1/4 " Flare	1/4 " Flare	1/4 " & 3/8 " Flare	
Oil Capacity	200 ml	200 ml	325 ml	
Dimensions(mm)	318×124×234	318×124×234	338×138×244	
Weight	8.5 kg	8.5 kg	10.4 kg	

Item No .	VE260ND	VE280ND	VE2100ND	
Flow Rate	50 Hz	6 CFM 170 l/min	8 CFM 226 l/min	10 CFM 283 l/min
	60 Hz	7 CFM 198 l/min	9 CFM 254 l/min	12 CFM 340 l/min
Ultimate Vacuum	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	2×10 ⁻¹ Pa 15 micron	
Power	3/4HP	1HP	1HP	
Inlet Port	1/4 " & 3/8" Flare	1/4 " & 3/8" Flare	1/4 " & 3/8" Flare	
Oil Capacity	580 ml	500 ml	590 ml	
Dimensions(mm)	395×145×257	395×145×257	395×145×257	
Weight	15.8 kg	16.2 kg	16.7 kg	

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

VALUE · QUALITY ASSURANCE 4

INDUSTRIAL VACUUM PUMPS

VALUE's VRD series vacuum pumps are designed and manufactured to meet the requirements of various scientific and industrial applications such as analytic instruments, laboratories and product line for refrigeration, electronics, light, semiconductor, etc..

Excellent Performance:

- Automatic anti-suckback valve, protect your system from oil and oil steam when power suddenly goes off.
- Internal forced oil cycling system, fully lubricates the pump and make the lifetime longer and vacuum better.
- Adjustable gas ballast for different needs of steam emission.
- High reliable integrated cylinder structure, suits production lines better.
- Different voltage types for different countries and regions.

Range of Use:

- Semiconductor Industry
- Scientific Instruments
- Mechanical Equipments
- Chemical Industry
- Vacuum Metallurgy
- Medical Instruments
- Vacuum Packaging



Dual Stage

It's New



HIGH RELIABILITY

Model		VRD-4	VRD-8	VRD-16	VRD-24	VRD-30	VRD-40	VRD-60
Displacement speed m ³ /h (CFM)	50 Hz	4 (2.4)	8 (4.7)	16 (9.4)	24 (14.1)	30 (17.6)	50 (29.4)	65 (38.2)
	60 Hz	4.8 (2.8)	9.6 (5.6)	19.2 (11.2)	28.8 (16.9)	36 (21.2)	60 (35.3)	78 (45.9)
Ultimate Pressure (mbar)	Partial Pressure	5 × 10 ⁻²	5 × 10 ⁻²	5 × 10 ⁻²	5 × 10 ⁻²	5 × 10 ⁻²	5 × 10 ⁻²	5 × 10 ⁻²
	Total Pressure	5 × 10 ⁻¹	5 × 10 ⁻¹	5 × 10 ⁻¹	5 × 10 ⁻¹	5 × 10 ⁻¹	5 × 10 ⁻¹	5 × 10 ⁻¹
Power supply		single/3-ph	single/3-ph	single/3-ph	single/3-ph	single/3-ph	3-ph	3-ph
Motor power (KW)		0.45 (single/3-ph)	0.55 (single/3-ph)	0.75/0.55 (single/3-ph)	1.1/0.75 (single/3-ph)	1.1 (single/3-ph)	2.2 (single/3-ph)	2.2 (single/3-ph)
Inlet and outlet port DN(mm)		16KF	16KF	25 KF	25 KF	25 KF	40 KF	40 KF
Oil capacity (L)		0.26~0.35	0.45~0.55	0.9~1.5	1.3~2.0	1.3~2.0	1.8~3.0	1.8~3.0
Motor speed (rpm)	50 Hz	1440	1440	1440	1440	1440	1440	1440
	60 Hz	1720	1720	1720	1720	1720	1720	1720
Ambient temperature (°C)		10~40	10~40	10~40	10~40	10~40	10~40	10~40
Noise level dB(A)		≤56	≤56	≤58	≤58	≤58	≤62	≤62
Type of Protection (IP)		44	44	44	44	44	44	44
Weight (kg)		19	21	32	35	43	65	76

VRD POWER SUPPLY TABLE

Model	VRD-4	VRD-8	VRD-16	VRD-24	VRD-30	VRD-40	VRD-60
Single Phase	100V/50Hz-60Hz	●	●	/	/	/	/
	110V/60Hz	●	●	/	/	/	/
	220V/50Hz	/	/	●	●	●	/
	220V/60Hz	/	/	●	●	●	/
	220V/50Hz-60Hz	●	●	/	/	/	/
3-Phase	380-420V/50Hz-60Hz	●	●	●	●	●	●
	200-220V/50Hz-60Hz	●	●	●	●	●	●