



# Eurovacuum EVD-VE Series

Single & Double Stage Oil Sealed Rotary Vane Pump



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## Single Stage Oil Sealed Rotary Vane Pumps

**Eurovacuum** Company is offering its various products to meet industrial vacuum needs.

Eurovacuum Company is founded in 2006, with over 30 year experiences in the vacuum Industry its founders have been putting their best efforts continuously to produce high quality Oil Sealed Rotary Vane Pumps, with diverse range of capacity for use in the industry and domestic in diverse applications.

### Advantages to the User

- High pumping speed also at low pressures
- Low noise level
- Air-cooling, no water required
- Low space requirement, easy to install
- Maintenance-friendly
- Compact design
- Direct drive, Design requires no belts
- Accessories available for easy adaptation

### Application Examples

- Car industry
- Food industry
- Air-conditioning and cooling
- Metallurgy
- Degassing of materials
- Domestic use

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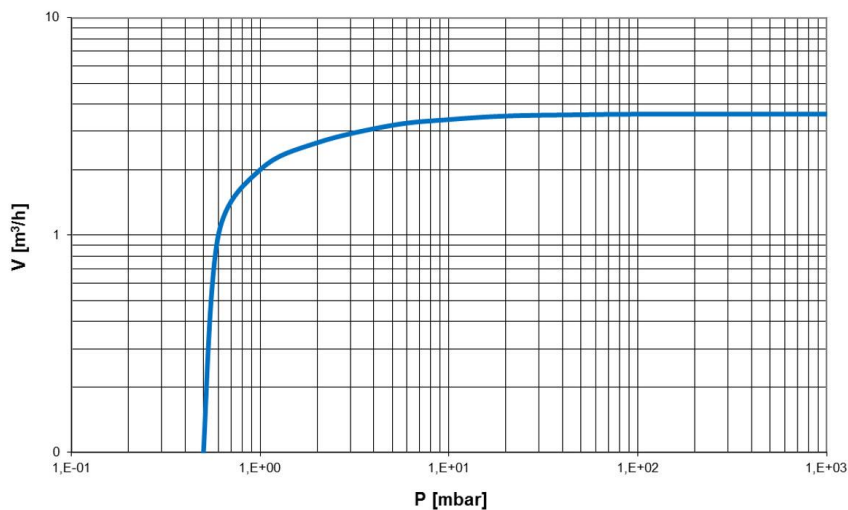
<https://www.teopal.fi>

# TYPE EVD-VE115SV

SV-version is with vacuum blocking valve and manometer



**Pumping speed curve**



Technical Data		TYPE EVD-VE115SV	
		50 Hz	60 Hz
Nominal displacement	m <sup>3</sup> /h	2,5	3,0
Ultimate pressure	mbar	0,05	0,05
Motor power	W	200	200
Oil capacity	ltr	0,3	0,3
Weight	kg	6,3	6,3
Admissible ambient temp.	°C	10 to 40	10 to 40
Connections	Flare	¼"	¼"
Dimensions LxWxH	mm	285x124x230	285x124x230

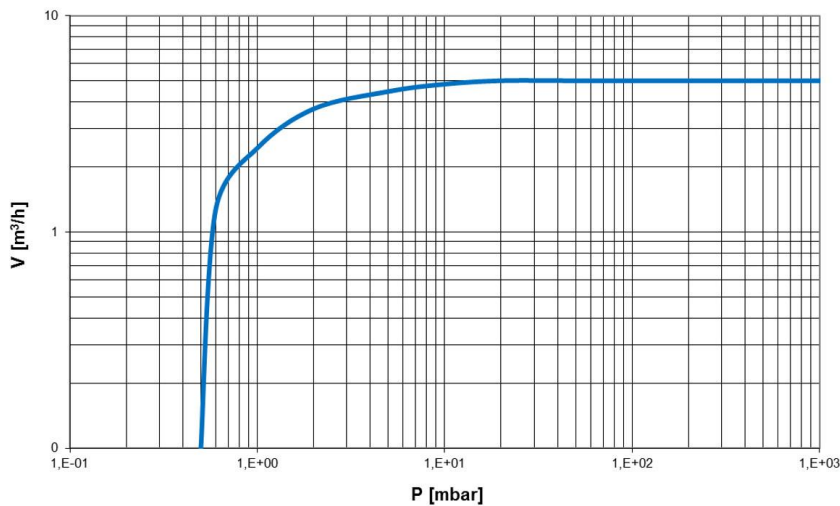
Ordering Information	EVD-VE115SV
Single phase motor 220-240V, 50/60 Hz (IEC)	440010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	440110
Exhaust filter	410900
Accessories	See page 13

# TYPE EVD-VE125SV

SV-version is with vacuum blocking valve and manometer



**Pumping speed curve**



Technical Data		TYPE EVD-VE125SV	
		50 Hz	60 Hz
Nominal displacement	m <sup>3</sup> /h	4,2	5,0
Ultimate pressure	mbar	0,05	0,05
Motor power	W	200	200
Oil capacity	ltr	0,3	0,3
Weight	kg	7,1	7,1
Admissible ambient temp.	°C	10 to 40	10 to 40
Connections	Flare	¼"	¼"
Dimensions LxWxH	mm	285x124x240	285x124x240

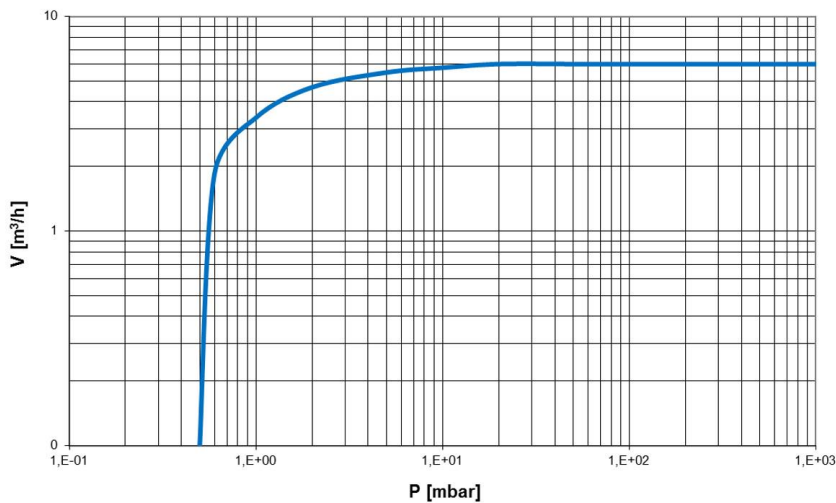
Ordering Information	EVD-VE125SV
Single phase motor 220-240V, 50/60 Hz (IEC)	441010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	441110
Exhaust filter	410900
Accessories	See page 13

# TYPE EVD-VE135SV

SV-version is with vacuum blocking valve and manometer



**Pumping speed curve**



Technical Data		TYPE EVD-VE135SV	
		50 Hz	60 Hz
Nominal displacement	m <sup>3</sup> /h	6,0	6,8
Ultimate pressure	mbar	0,05	0,05
Motor power	W	250	250
Oil capacity	ltr	0,3	0,3
Weight	kg	8,1	8,1
Admissible ambient temp.	°C	10 to 40	10 to 40
Connections	Flare	1/4" or 3/8"	1/4" or 3/8"
Dimensions LxWxH	mm	315x124x250	315x124x250

Ordering Information	EVD-VE135SV
Single phase motor 220-240V, 50/60 Hz (IEC)	442010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	442110
Exhaust filter	410900
Accessories	See page 13

## Accessories for EVD-VE series



Exhaust filter



Vacuum Gauge



T5



Flare adapter



Flare hose tube



T6

Ordering Information	
<b>Exhaust Filter</b> Can be used for VE-110 till VE-245	410900
<b>Vacuum Gauge</b>	410915
<b>T5</b> adapter from 1/4" to Hose nozzle	410905
<b>T6</b> adapter from 1/4" to	410906
<b>Hose tube 1/4" Flare</b>	410908
<b>Hose tube 3/8" Flare</b>	410909
<b>Flare adapter 1/4"F to 3/8"M</b>	410910

### EV-Highvacuum Oil-60

Paraffin-base mineral oil and free of additives. Its suited for FPM (Viton) & NBR (Perbunan). This oil is specially suited for single & double stage oil sealed rotary vane vacuum pumps, pumping: air, noble gasses, water vapour and solvent vapour.

The oil has the following data:

- Viscosity: 90 mm<sup>2</sup>/s (at 40°C) and 10 mm<sup>2</sup>/s (at 100°C)
- Flash point: > 255°C
- Vapour pressure: 1·10<sup>-5</sup>mbar (at 20°C) and 3·10<sup>-3</sup>mbar (at 100°C)

Ordering Information	EV-Highvacuum Oil-60
<b>500ml EV-Highvacuum Oil-60</b>	100406
<b>1 ltr EV-Highvacuum Oil-60</b>	100400
<b>5 ltr EV-Highvacuum Oil-60</b>	100402
<b>20 ltr EV-Highvacuum Oil-60</b>	100403

## COMPACT DE-GASSING SYSTEMS



Vacuum systems are used to pull the air from a high viscosity material before using. Particularly useful when casting clear materials. These easy to use vacuum desiccators chambers are from Polypropylene and have a see-through lit made from Polycarbonate. Designed in mind for the versatile mold maker. These chambers are also used by model makers and hobbyists. The system consists of: Chamber with diameter 250mm and height 300mm, See-through lit, Vacuum pump, 1 mtr Rubber hose, Vacuum manometer, blocking valve and venting valve.

Technical Data		Compact De-Gassing System	
		with VE-115SV	
Chamber material		Polypropylene	
See-through lit material		Polycarbonate	
Chamber dimensions ØxH	mm	250x300	
Pumping speed	m <sup>3</sup> /h	2,5	
End-pressure vacuum	%	97	
Oil capacity	ltr	0,3	
Motor power	W	200	

Ordering Information		Compact De-Gassing System
Compact chamber & VE-115SV pump		419015
Spare parts:		
1 ltr EV-Highvacuum Oil-60		100400
1 mtr Rubber hose		419022
Hose clamps		419023
Venting valve		419024

## DE-GASSING SYSTEMS



Vacuum systems are used to pull the air from a high viscosity material before using. Particularly useful when casting clear materials. These easy to use vacuum desiccators chambers are from thick wall aluminum and have a see-through lit on the top. Designed in mind for the versatile mold maker. These chambers are also used for laminating processes where the vacuum pump should be protected from resin that might enter into the vacuum piping, for this case the chamber will be build with a second hose connection piece. The system consists of: 20 ltr Aluminum chamber, See-through lit, Vacuum pump, 1 mtr Rubber hose, Vacuum manometer, Dust filter unit, blocking valve and venting valve.

Technical Data		De-Gassing System	
		with VE-235	with VE-245
Chamber volume	ltr	20	20
Chamber dimensions ØxH	mm	300x300	300x300
Pumping speed	m <sup>3</sup> /h	6	7,5
End-pressure vacuum	%	97	97
Oil capacity	ltr	0,35	0,35
Motor power	W	250	370
		with VE-260	with VE-280
Chamber volume	ltr	20	20
Chamber dimensions ØxH	mm	300x300	300x300
Pumping speed	m <sup>3</sup> /h	10	13,5
End-pressure vacuum	%	97	97
Oil capacity	ltr	0,7	0,6
Motor power	W	560	750

Ordering Information	De-Gassing System
20 ltr chamber with VE-235 pump	419010
20 ltr chamber with VE-245 pump	419011
20 ltr chamber with VE-260 pump	419012
20 ltr chamber with VE-280 pump	419013
Spare parts:	
Extra connection on the chamber	419020
Chamber sealing	419021
Paper dust filter cartridge	018001
1 ltr EV-Highvacuum Oil-60	100400



