



Eurovacuum EVD-VE Series

Single & Double Stage Oil Sealed Rotary Vane Pump



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Single & Double 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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Eurovacuum EVD-VE Series

EVD-VE series

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Eurovacuum

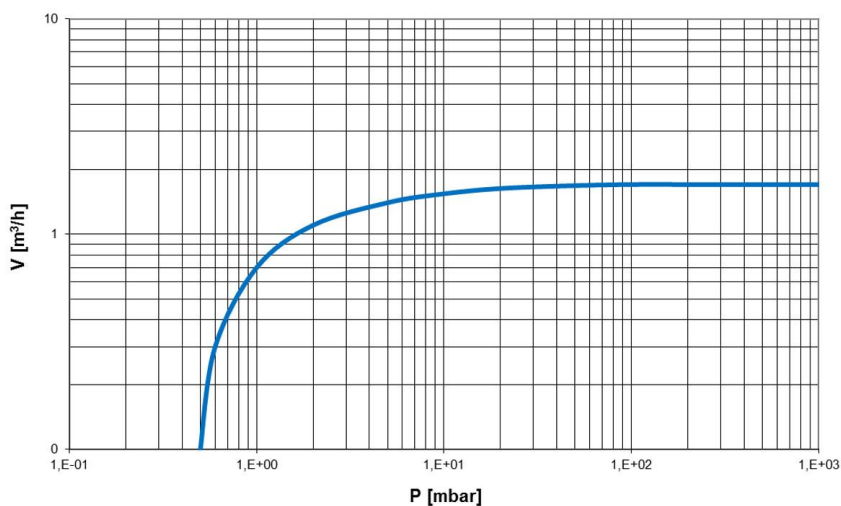
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TYPE EVD-VE110



Pumping speed curve



Technical Data		TYPE EVD-VE110	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	1,7	2,0
Ultimate pressure	mbar	0,05	0,05
Motor power	W	185	185
Oil capacity	ltr	0,3	0,3
Weight	kg	7	7
Admissible ambient temp.	°C	10 to 40	10 to 40
Connections	Flare	1/4"	1/4"
Dimensions LxWxH	mm	285x100x230	285x100x230

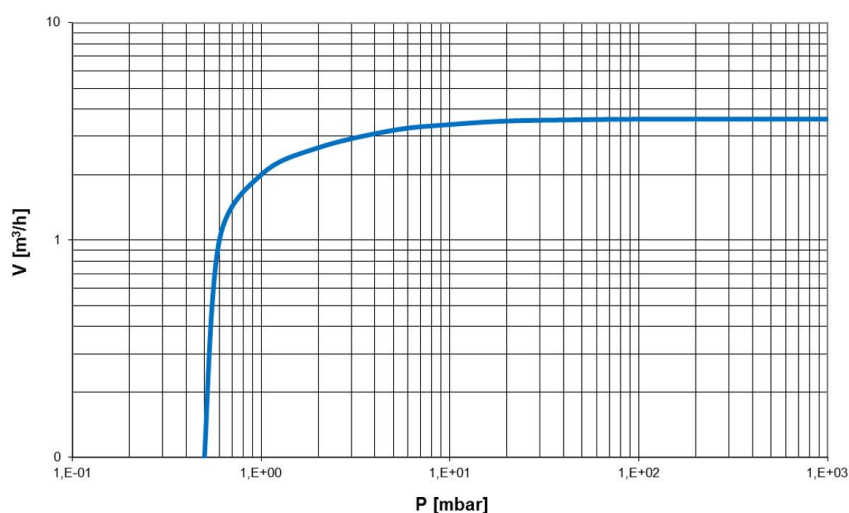
Ordering Information	EVD-VE110
Single phase motor 220-240V, 50/60 Hz (IEC)	447000
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	447100
Exhaust filter	410900
Accessories	See page 13

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 ³ /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	1/4"	1/4"
Dimensions LxWxH	mm	285x124x230	285x124x230

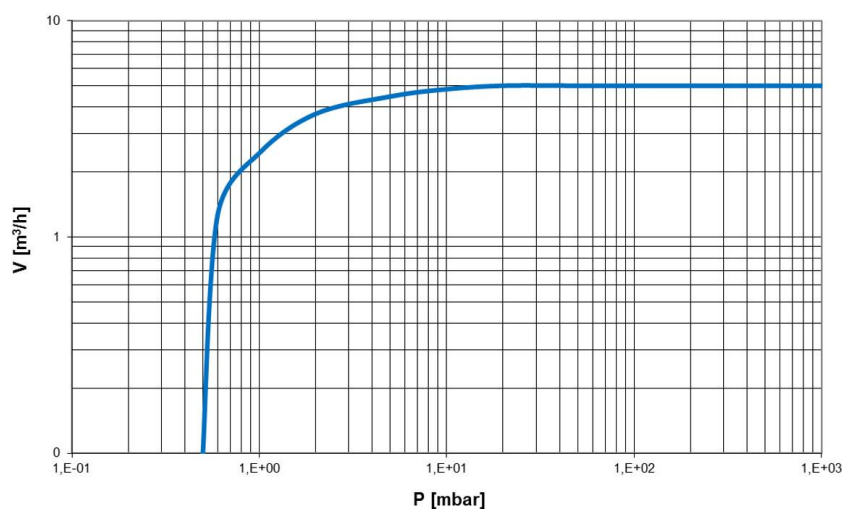
Ordering Information	EVD-VE115SV
Single phase motor 220-240V, 50/60 Hz (IEC)	440010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	440110
Exhaust filter	410900
Accessories	See page 13

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 ³ /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	1/4"	1/4"
Dimensions LxWxH	mm	285x124x240	285x124x240

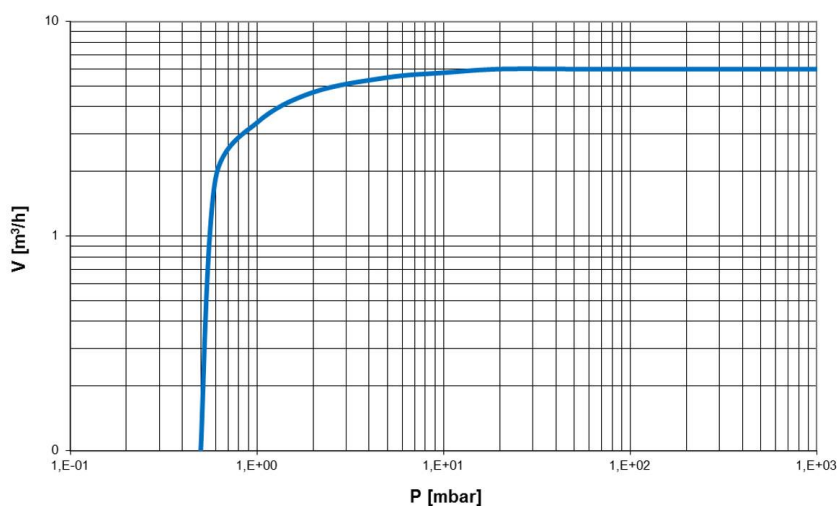
Ordering Information	EVD-VE125SV
Single phase motor 220-240V, 50/60 Hz (IEC)	441010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	441110
Exhaust filter	410900
Accessories	See page 13

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 ³ /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

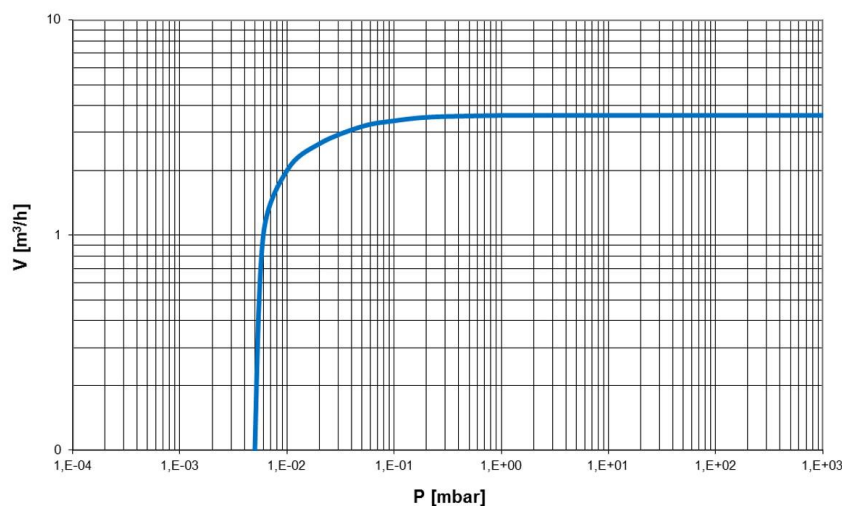
Ordering Information	EVD-VE135SV
Single phase motor 220-240V, 50/60 Hz (IEC)	442010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	442110
Exhaust filter	410900
Accessories	See page 13

TYPE EVD-VE215

SV-version is with vacuum blocking valve and manometer



Pumping speed curve



Technical Data		TYPE EVD-VE215	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	2,5	3,0
Ultimate pressure	mbar	3x10 ⁻³	3x10 ⁻³
Motor power	W	200	200
Oil capacity	ltr	0,2	0,2
Weight	kg	7,5	7,5
Admissible ambient temp.	°C	10 to 40	10 to 40
Connections	Flare	¼"	¼"
Dimensions LxWxH	mm	308x124x230	308x124x230

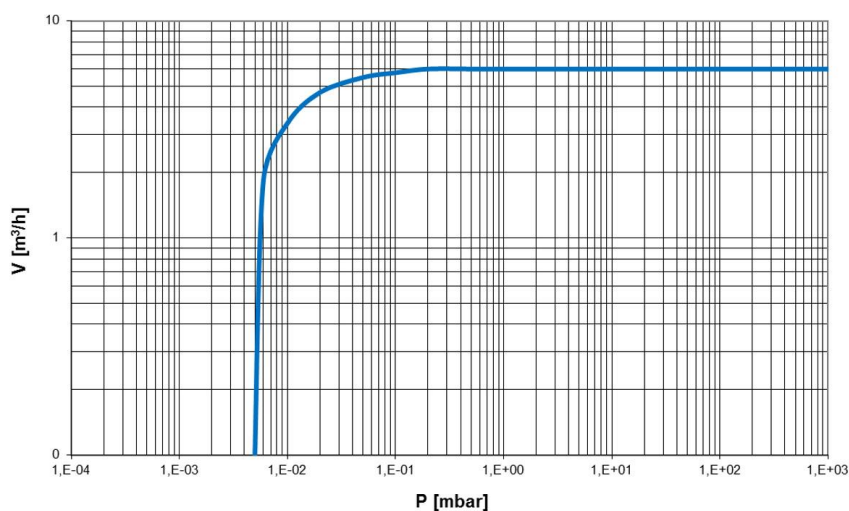
Ordering Information	EVD-VE215	EVD-VE215SV
Single phase motor 220-240V, 50/60 Hz (IEC)	410000	410010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	410100	410110
Exhaust filter	410900	
Accessories	See page 13	

TYPE EVD-VE225

SV-version is with vacuum blocking valve and manometer



Pumping speed curve



Technical Data		TYPE EVD-VE225	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	4,2	5,0
Ultimate pressure	mbar	3x10 ⁻³	3x10 ⁻³
Motor power	W	250	250
Oil capacity	ltr	0,25	0,25
Weight	kg	8,6	8,6
Admissible ambient temp.	°C	10 to 40	10 to 40
Connections	Flare	¼"	¼"
Dimensions LxWxH	mm	315x124x240	315x124x240

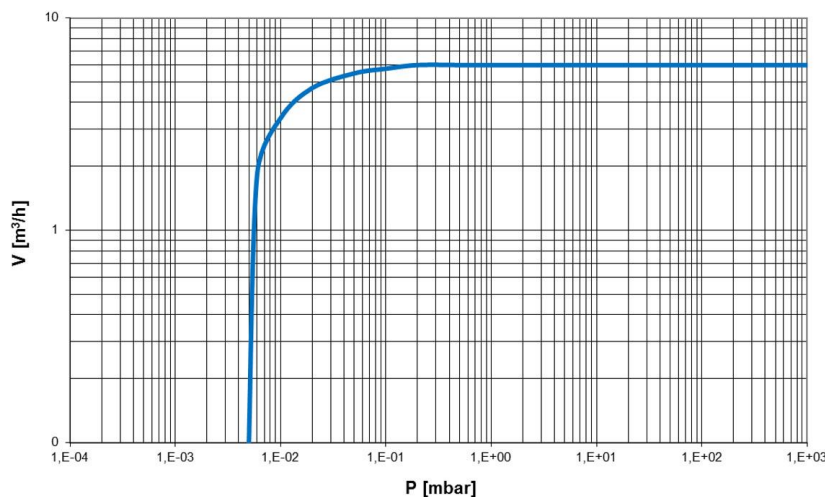
Ordering Information	EVD-VE225	EVD-VE225SV
Single phase motor 220-240V, 50/60 Hz (IEC)	411000	411010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	411100	411110
Exhaust filter	410900	
Accessories	See page 13	

TYPE EVD-VE235

SV-version is with vacuum blocking valve and manometer



Pumping speed curve



Technical Data		TYPE EVD-VE235	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	6,0	6,8
Ultimate pressure	mbar	3x10 ⁻³	3x10 ⁻³
Motor power	W	250	250
Oil capacity	ltr	0,35	0,35
Weight	kg	11,2	11,2
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	335x138x250	335x138x250

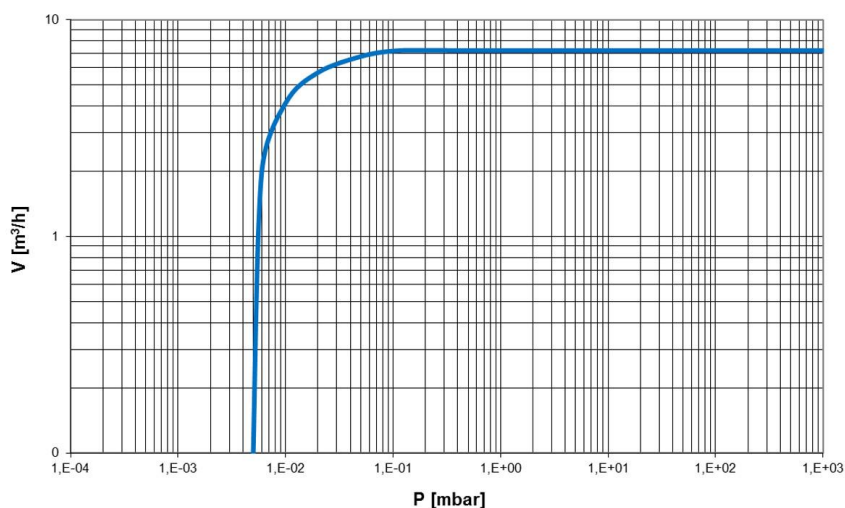
Ordering Information	EVD-VE235	EVD-VE235SV
Single phase motor 220-240V, 50/60 Hz (IEC)	412000	412010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	412100	412110
Exhaust filter	410900	
Accessories	See page 13	

TYPE EVD-VE245

SV-version is with vacuum blocking valve and manometer



Pumping speed curve



Technical Data		TYPE EVD-VE245	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	7,5	8,5
Ultimate pressure	mbar	3x10 ⁻³	3x10 ⁻³
Motor power	W	370	370
Oil capacity	ltr	0,33	0,33
Weight	kg	11,4	11,4
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	335x138x250	335x138x250

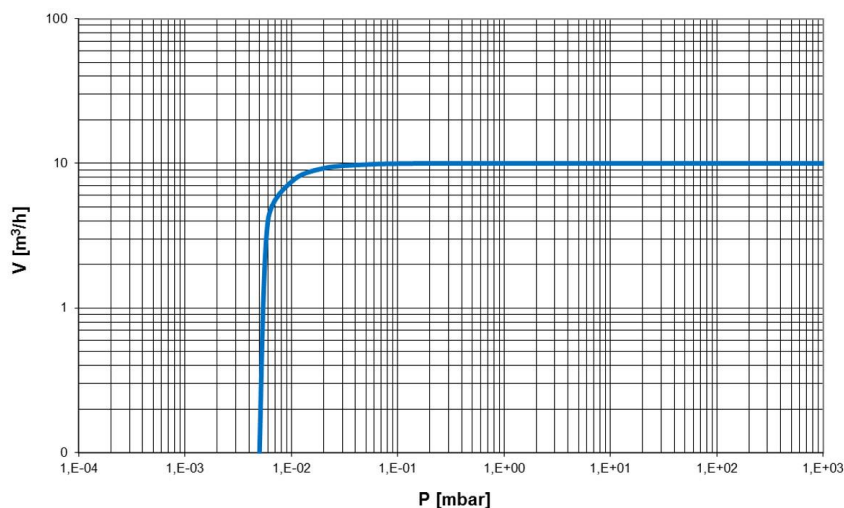
Ordering Information	EVD-VE245	EVD-VE245SV
Single phase motor 220-240V, 50/60 Hz (IEC)	413000	413010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	413100	413110
Exhaust filter	410900	
Accessories	See page 13	

TYPE EVD-VE260

SV-version is with vacuum blocking valve and manometer



Pumping speed curve



Technical Data		TYPE EVD-VE260	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	10,0	11,8
Ultimate pressure	mbar	3x10 ⁻³	3x10 ⁻³
Motor power	W	560	560
Oil capacity	ltr	0,7	0,7
Weight	kg	16,5	16,5
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	400x145x270	400x145x270

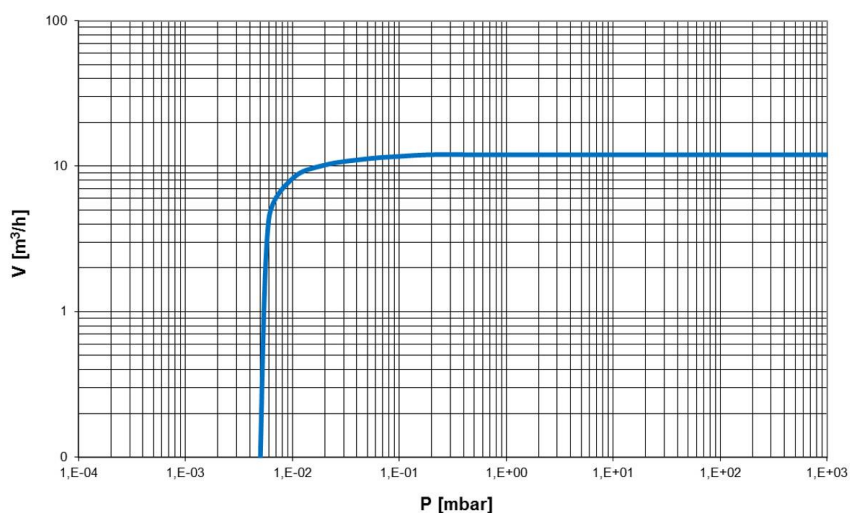
Ordering Information	EVD-VE260	EVD-VE260SV
Single phase motor 220-240V, 50/60 Hz (IEC)	414000	414010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	414100	414110
Exhaust filter	Upon request	
Accessories	See page 13	

TYPE EVD-VE280

SV-version is with vacuum blocking valve and manometer



Pumping speed curve



Technical Data		TYPE EVD-VE280	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	13,5	15,0
Ultimate pressure	mbar	3x10 ⁻³	3x10 ⁻³
Motor power	W	750	750
Oil capacity	ltr	0,6	0,6
Weight	kg	16,7	16,7
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	400x145x270	400x145x270

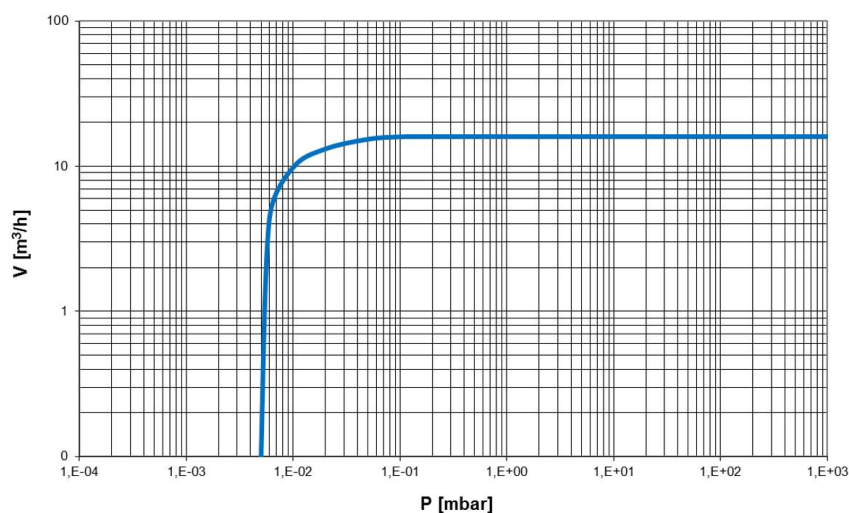
Ordering Information	EVD-VE280	EVD-VE280SV
Single phase motor 220-240V, 50/60 Hz (IEC)	415000	415010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	415100	415110
Exhaust filter	Upon request	
Accessories	See page 13	

TYPE EVD-VE2100

SV-version is with vacuum blocking valve and manometer



Pumping speed curve



Technical Data		TYPE EVD-VE2100	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	17,0	20,5
Ultimate pressure	mbar	3x10 ⁻³	3x10 ⁻³
Motor power	W	750	750
Oil capacity	ltr	0,6	0,6
Weight	kg	16,7	16,7
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	400x145x270	400x145x270

Ordering Information	EVD-VE2100	EVD-VE2100SV
Single phase motor 220-240V, 50/60 Hz (IEC)	416000	416010
Dual Voltage motor 220V, 50 Hz & 110V, 60 Hz	416100	416110
Exhaust filter	Upon request	
Accessories	See page 13	

Accessories for EVD-VE series



Exhaust filter



Vacuum Gauge



T5



Flare adapter



Flare hose tube



T6

Ordering Information	
Exhaust Filter Can be used for VE-110 till VE-245	410900
Vacuum Gauge	410915
T5 adapter from 1/4" to Hose nozzle	410905
T6 adapter from 1/4" to	410906
Hose tube 1/4" Flare	410908
Hose tube 3/8" Flare	410909
Flare adapter 1/4"F to 3/8"M	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 mm²/s (at 40°C) and 10 mm²/s (at 100°C)
- Flash point: > 255°C
- Vapour pressure: 1·10⁻⁵mbar (at 20°C) and 3·10⁻³mbar (at 100°C)

Ordering Information	EV-Highvacuum Oil-60
500ml EV-Highvacuum Oil-60	100406
1 ltr EV-Highvacuum Oil-60	100400
5 ltr EV-Highvacuum Oil-60	100402
20 ltr EV-Highvacuum Oil-60	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 ³ /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 ³ /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 ³ /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

