

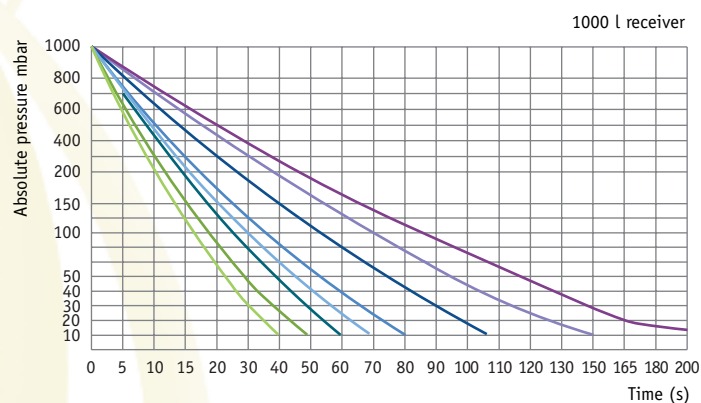
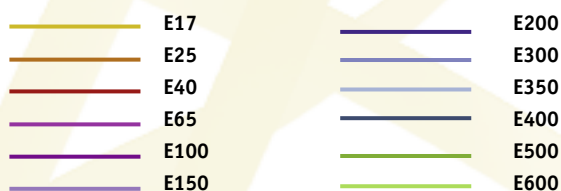
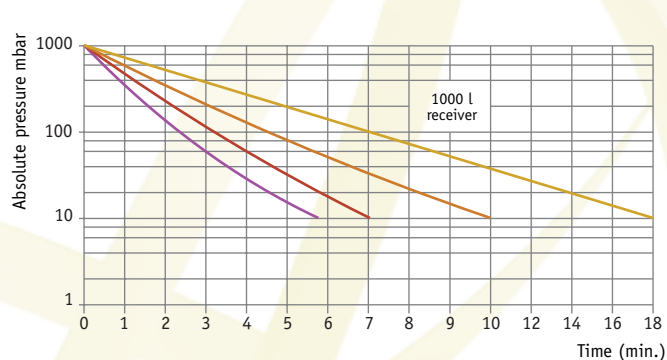
Lubricated rotary vane vacuum pumps, reliable and robust design for low or medium vacuum.

	NOMINAL CAPACITY m³.h ⁻¹		PNEUROP CAPACITY m³.h ⁻¹		END VACUUM mbar			Pwo mbar	Cwo kg.h ⁻¹	MOTOR POWER kw		ROTATION SPEED rpm		NOISE LEVEL dB (A)	OIL FILLING L	WEIGHT kg
					without gas ballast	with gas ballast										
	50 Hz	60 Hz	50 Hz	60 Hz	HV	HV	MV			50 Hz	60 Hz	50 Hz	60 Hz			
 E17	17	20	16	19	0,5	1,5	3	39	0,29	0,55	0,66	1000	1200	59	1,5	34
 E25	30	36	28	33	0,5	1,5	3	41	0,46	0,75	0,9	1450	1740	60	1,5	35
 E40	47	56	41	49	0,5	1,5	3	42	0,9	1,1	1,3	1450	1740	62	1,5	45
 E65	65	78	63	75	0,1	1,2	3	39	1,8	1,5	1,8	1450	1740	65	4	70
 E100	96	115	94	112	0,1	1,2	3	50	3,2	2,2	2,64	1450	1740	67	4	80
 E150	150	180	147	176	0,1	1,2	3	50	3,6	3	3,6	1450	1740	70	7	102
 E200	190	228	185	222	0,1	1,2	3	48	4,5	4	4,8	1450	1740	71	7	115
 E300	288	345	263	315	0,1	1,2	3	50	7	5,5	6,6	1450	1740	73	7	190
 E350	360	432	341	409	0,1	1,2	3	40	9	7,5	9	967	1160	74	10	350
 E400	426	511	410	492	0,1	1,2	3	42	11	9	10,8	967	1160	74	10	380
 E500	513	616	496	595	0,1	1,2	3	46	14	11	13,2	967	1160	74	10	420
 E600	632	758	597	716	0,1	1,2	3	52	17	15	18	967	1160	75	10	450

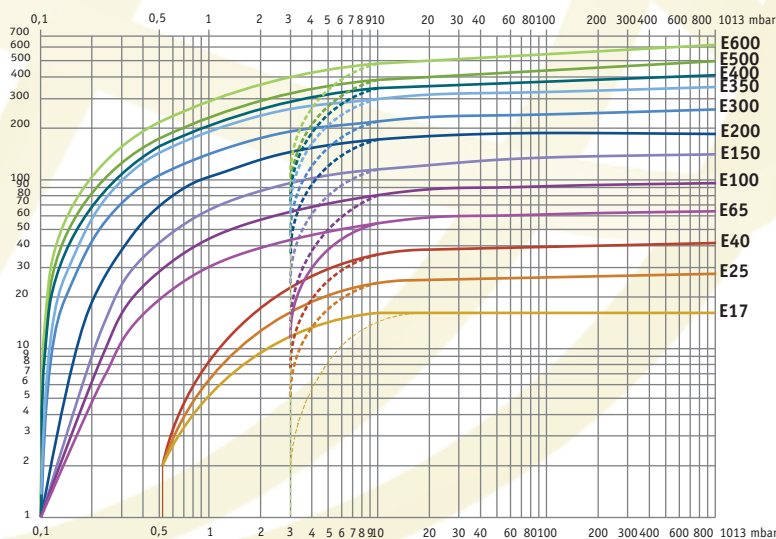
Pwo : Maximum admissible of water vapour pressure

Cwo : Pumping capacity of water vapour

Average evacuation time (50 Hz)



Capacity - pressure curve without gas ballast (50 Hz)

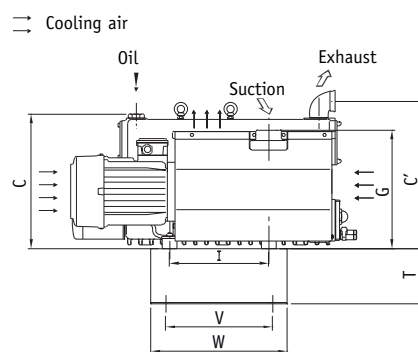
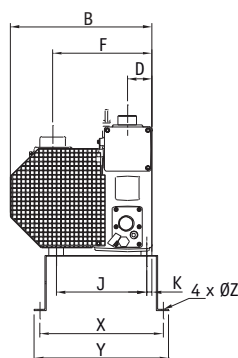


— HV type : High vacuum
- - - MV type : Medium vacuum

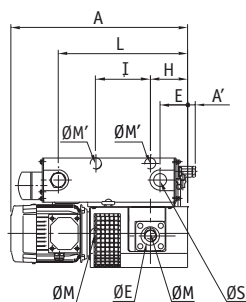


Lubricated rotary vane vacuum pumps

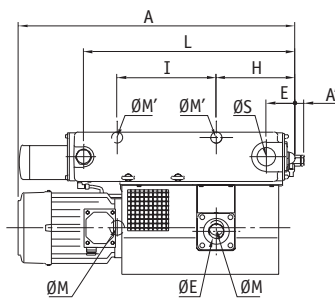
- Built for medical applications
- Suitable for high water vapour tolerance
- Continuous running from atmospheric pressure to end vacuum
- Air cooling (different levels further to application)
- Standard motor coupling
- PF55 motor - F class
- Available in oxygen special version with specific oil
- Pumping on aggressive products : contact us
- Delivered with MV46S synthetic oil filling



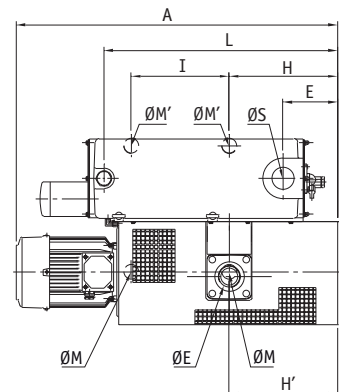
E17 - E25



E65 - E100 - E150



**E40 - E200 - E300
E350 - E400 - E500 - E600**



Dimensions

	Dimensions without base frame																			Dimensions with base frame						
	A	B	C	A'	C'	D	E	F	G	H	H'	I	J	K	L	ØM	ØM'	ØE	ØS	T	V	W	X	Y	ØZ	
E17	466	296	276	36	290	60	61	212	253	87	-	148	190	15	337	M8	M8	1"	1"	150	205	285	270	300	10	
E25	466	296	276	36	290	60	61	212	253	87	-	148	190	15	337	M8	M8	1"	1"	150	205	285	270	300	10	
E40	571	296	276	-	290	60	126	212	253	152	152	185	190	15	402	M8	M8	1"	1"	150	205	285	270	300	10	
E65	683	385	365	25	379	67	80	270	322	214	-	243	245	15	574	M10	M8	1 1/4	1 1/2	150	290	370	335	365	11	
E100	751	385	365	25	379	67	80	270	322	214	-	269	245	15	574	M10	M8	1 1/4	1 1/2	150	290	370	335	365	11	
E150	792	504	401	25	415	108	88	375	364	234	-	246	343	20	574	M10	M10	2"	2"	150	290	370	430	460	11	
E200	873	504	401	-	415	108	149	375	364	295	295	266	343	20	635	M10	M10	2"	2"	150	290	370	430	460	11	
E300	1055	584	421	-	436	145	259	450	386	363	363	318	412	25	820	M10	M10	2"	2"	150	440	500	590	620	12	
E350	1358	680	544	-	614	145	260	510	510	408	458	376	462	30	814	M10	M10	DN80	G3"	200	440	500	790	820	12	
E400	1425	680	544	-	614	145	331	510	510	477	477	376	462	30	884	M10	M10	DN80	G3"	200	440	500	790	820	12	
E500	1473	680	544	-	614	145	364	510	510	512	512	376	462	30	918	M10	M10	DN80	G3"	200	440	500	790	820	12	
E600	1621	680	544	-	611	145	411	512	510	558	558	376	462	30	965	M10	M10	DN80	G3"	200	440	500	790	820	12	

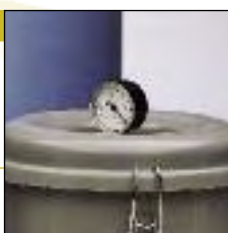
Specifications are subject to be changed without notice



1
Suction filter with
paper, polyester
or activated
carbon cartridges



2
Vacuumtight
suction filters



3
Vacuum meter
adaptable
on filter cap



4
Adjusting valve
fitted on T-square



5
Suction hoses



6
Base frame
assembly

MV pump references

With MV46S oil filling	1-ph
	3-ph
	Special OXYGENE
Cooling system for vapors suction	3-ph
	1-ph

HV pump references

With MV46S oil filling	1-ph
	3-ph
	Special OXYGENE
Cooling system for vapors suction	3-ph
	1-ph

Accessory and option references

1 Suction filter	PA : paper
2	see page 12
	P0 : polyester
	CH : carbon
3 Fitted vacuum meter	
Fitted gas ballast	
Additional filter for gas ballast	
4 Adjusting valve fitted on T-Square (without filter)	
Oil level safety (OLS)	
Timer OLS in box to be fixed to the base frame	
5 Suction hoses with check valve (except E350 to E600)	see page 17
6 Base frame assembly	
Elevated base frame with retention vat	for 1 pump
Base plate for LG7 box	
Heating system (heater and temperature indicator)	
Monitoring of temperature	Mechanical thermostat
	Digital display panel + PT100
Heating control board and FLEXO	Pre-heating + rinsing
solenoid valve - 400V+N	Rinsing

Standard power supplies

	50 Hz V $\pm$ 10%	60 Hz V $\pm$ 10%
1-ph	230	265
3-ph - E17 to E300	230/400	265/460
3-ph - E350 to E600	400	460

Special supplies on request

Accessories

	E17MV	E25MV	E40MV	E65MV	E100MV	E150MV	E200MV	E300MV	E350MV	E400MV	E500MV	E600MV
		815178	815179									
816676		814007	814008	870728	870729	870730	870731	815720	817153	817964	817154	818167
		815923	815900	815613	815793	818141	818242	817090				
		817408	817409	817410	817411		817131	817412	817854	817965	817855	818258
		817413	817414									

	E17HV	E25HV	E40HV	E65HV	E100HV	E150HV	E200HV	E300HV	E350HV	E400HV	E500HV	E600HV
		821148	821149									
	821150	821151	821152	821153	821154	821155	821156	821157	821173	821174	821175	821176
		821158	821159	821160	821161	821162	821163	821164				
		821165	821166	821167	821168		821169	821170	821177	821178	821179	821180
		821171	821172									

	E17	E25	E40	E65	E100	E150	E200	E300	E350	E400	E500	E600
	76 PA : 715347		100 PA : 714975	126 PA : 706192		201 PA : 715350				301 PA : 717369		
	76 PO : 715348		100 PO : 714976	126 PO : 709398		201PO : 715351				301 PO : 717370		
	76 CH : 715349		100 CH : 714977	126 CH : 710521		201CH : 715352				301 CH : 717371		
	617536											
	770800		770826	716462		716463	717128			717435		
				617708		617709				617710		
	Male 3/4" 713840		Male 1" 714979	Male 1"1/4 713841		Male 2" 713842						
	616111			616112					620619			
	670810											
	770151		714980	770152		770154				617833		
	670804			670805		670806	616595			618251		
	617610			617611		617612				617613		
	For ON/OFF starters : 617407											
	718244 (220W - 230V)			718253 (400W - 230V)					721145 (400W - 230V)			
	618254											
	618255											
	716774	770811	770812	770813	770814	770815						
	716775	770818	770819	770820	770821	770822	770532					



7
Reversed paper
double filtration



8
Polyester/carbon
double filtration



9
Cyclonic inlet
vacuum precleaner
filter



10
Dust separator
with removable
bag



11
Cyclonic
liquid trap



12
Butterfly valve



13
Liquids trap
protecting vacuum
pumps against
liquids



14
Vertical vacuum
receiver

Accessory and option references (continued)

Direct starter	without control panel	3-ph 400V
		3-ph 230V
		1-ph 230V
	with LG7 start and stop system	3-ph 400V
		3-ph 230V
		1-ph 230V
Star/delta starter 400V+N+E		
with : 1 electric atmospheric pressure valve (230V-50 Hz)		
or 1 pneumatic atmospheric pressure valve (6 bar)		
7	Double suction filter	Reversed paper filtration
8	Double filtration aspiration	Polyester / carbon
9	Cyclonic inlet vacuum precleaner filter	see page 15
10	Dust separator with removable bag	see page 14
11	Cyclonic liquid trap	see page 14
Additional oil exhaust filter		
Butterfly cast iron valve DN80 with electric actuator		
230V - 50 Hz - opening time : 20 seconds with integrated delaying		
12	Double acting pneumatic butterfly cast iron valve DN 80	
with electric actuator 5/2 NF - 230V - 50 Hz		
Frequency converter		3-ph 400V - 50 Hz
PNEUROP inlet flange		
13	Vacuum liquids traps	see page 16
14	Vertical vacuum receiver	see page 20
15	Electrovalves and valves	see page 18
Special oil for vacuum pump		see page 23
16	Air cooler	see page 17

The carbon filter has to be combined with paper or polyester downstream to avoid carbon migration in the pump

Standard configuration example

- EVISA vacuum pump
- MV 46 S oil
- PO suction filter
- Gas ballast (in case of wet environment)
- Base frame (from EVISA E65 model)
- Star-delta starter and offload starting valve (from EVISA E 400 model)

	E17	E25	E40	E65	E100	E150	E200	E300	E350	E400	E500	E600
	770495	770496			770497	770498	770499		770500	770501	719237	719238
	770496	770497		770498		770499	770500					
	770503	770504										
	710422	710423			710424	710425	710426		713746	719239		
	710430	710431		710432		710433	710434					
	710428	710435										
									718389	718390	718391	718392
									617496			
									618257			
	2 x 76 PA : 670613			2 x 126 PA : 670614			2 x 201 PA : 670615					
	76 PO + 76 CH 670616			126 PO + 126 CH 670617			201 PO + 201 CH 670618					
	High steel model : 616113						Stain-less steel model : 619058					
	618259		618260		618261							
	617522											
									617523			
	361617	361618			361619	361620	361621	361622	361623	361624		361625
	117133 (25KF)			117134 (40KF)		117132 (50KF)			117130 (80 ISO K)			

15

Electrovalves
and valves



16

Air cooler

