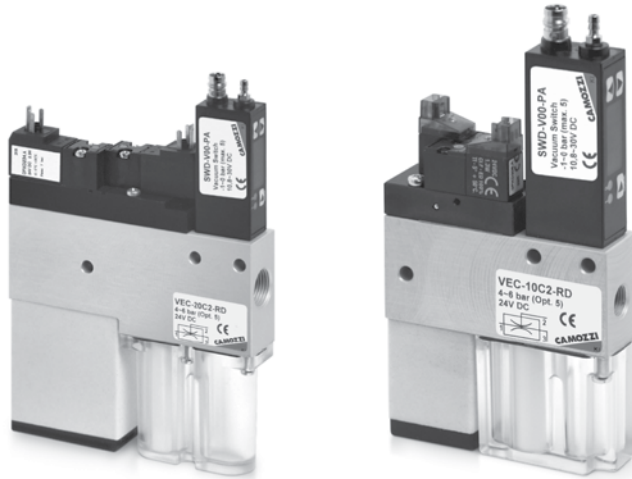


# Compact ejectors Series VEC

Vacuum generators with integrated valves and monitoring system.  
Possibility to command suction and blow-off individually without using external valves.

5

VACUUM



- » Wide range of nozzle sizes, covering a great number of applications.
- » Modularity for easy installation
- » Available with automatic air saving system (optional) for reduced operations costs.
- » Easy monitoring of the vacuum level through integrated vacuum switch with digital display (optional).

Vacuum generator with integrated suction - and blow - off valves together with a monitoring system (vacuum switch).

With the Compact ejectors Series VEC it is possible to command suction and blow - off individually without using external valves. Versions with air saving functions are available if needed.

The Compact ejectors Series VEC are often used in completely automatic handling system.

## GENERAL DATA

<b>Description</b>	- body in anodized aluminium - valve function for the suction available in normally open (NO, suction when not activated) or normally closed (NC, no suction when not activated) - blow-off valve (NC, normally closed) integrated silencer and unidirectional valve
<b>Options</b>	- integrated electronic or digital vacuum switch - automatic air- saving system - mounting fitting plate for the battery mounting

**CODING EXAMPLE**

<b>VE</b>	<b>C</b>	<b>-</b>	<b>10</b>	<b>C</b>	<b>2</b>	<b>-</b>	<b>RD</b>
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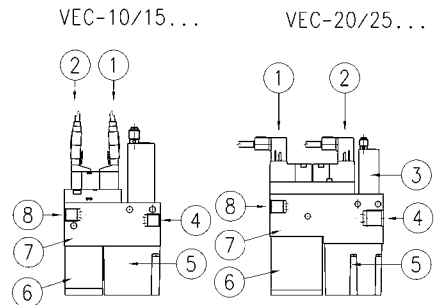
<b>VE</b>	SERIES VE = Vacuum ejector
<b>C</b>	VERSION C = compact
<b>10</b>	NOZZLE DIAMETER (MM) 10 = 1,0 mm 15 = 1,5 mm 20 = 2,0 mm 25 = 2,5 mm
<b>C</b>	VALVE FUNCTION C = NC (suction OFF when not activated) A = NO (suction ON when not activated)
<b>2</b>	VERSION 2 = with Blow-off valve
<b>RD</b>	VERSION * RD = with air saving system and digital vacuum switch (with display). It is supplied complete with connectors and cables. * RE = with air saving system and electronic vacuum switch. It is supplied complete with connectors and cables. VD = without air saving system, digital vacuum switch (with display) VE = without air saving system, with electronic vacuum switch

\* The air saving circuit, where used, switches the suction signal to "ON" apart from the fact that the ejector is NC or NO; this means that, in order to switch the internal loop back to "OFF", it is necessary to activate the signal on the coil controlling it (green cable).

**VEC TECHNICAL DATA**

**COMPACT EJECTOR SYSTEM:**

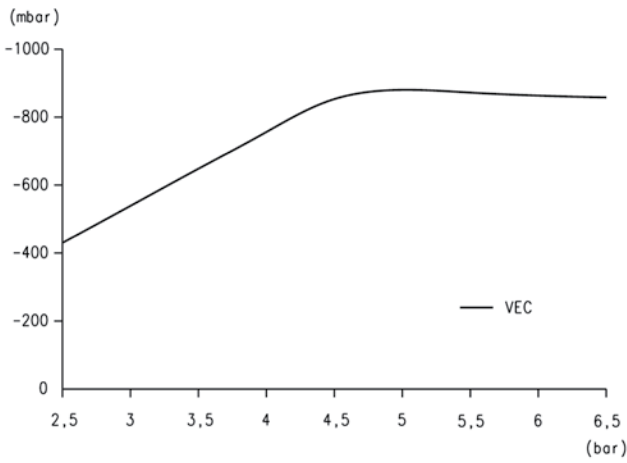
- 1 = Suction valve
- 2 = Blow-off valve
- 3 = Vacuum switch
- 4 = Vacuum inlet
- 5 = Filter
- 6 = Silencer
- 7 = Body
- 8 = Compressed air inlet



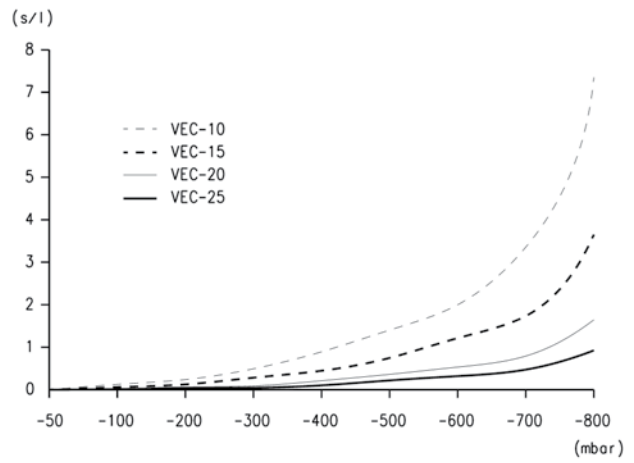
Mod.	Nozzle Ø (mm)	Degree of evacuation (%)	Suction rate max. (l/min)	Suction rate max. (m3/h)	Air consumption (l/min)	Air consumption (m3/h)	Air cons. blow-off (l/min)	Noise level workp. gripped (db(A))	Noise level free (db(A))	Optimum working pressure (Bar)	Weight (kg)	Temperature range
<b>VEC-10</b>	1	85	37	2,2	53	3,2	200	66	68	5	0,275	0 / 45°C
<b>VEC-15</b>	1,5	85	65	3,9	117	7	200	68	68	5	0,275	0 / 45°C
<b>VEC-20</b>	2	85	116	7	190	11,4	200	76	78	5 - 6	0,465	0 / 45°C
<b>VEC-25</b>	2,5	85	161	9,7	310	18,6	200	72	82	5 - 6	0,465	0 / 45°C

The company reserves the right to vary models and dimensions without notice. Products designed for industrial applications. Sale to general public is forbidden.

DIAGRAMS VEC

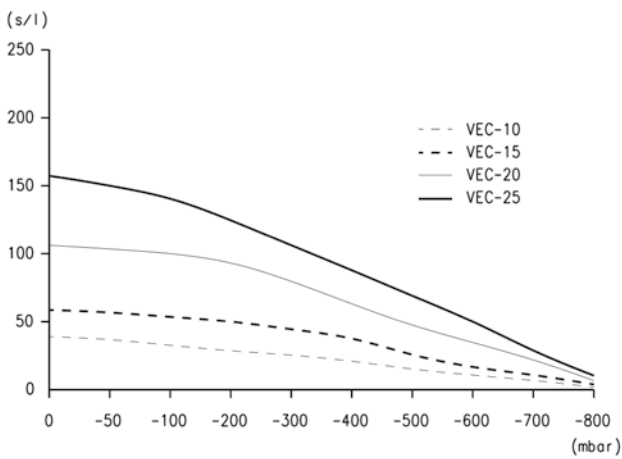


Achievable vacuum at different supply pressures



Evacuation time for different vacuum values

DIAGRAMS VEC



Suction rate for different vacuum values

EJECTORS VEC 10 - 15 - 20 - 25

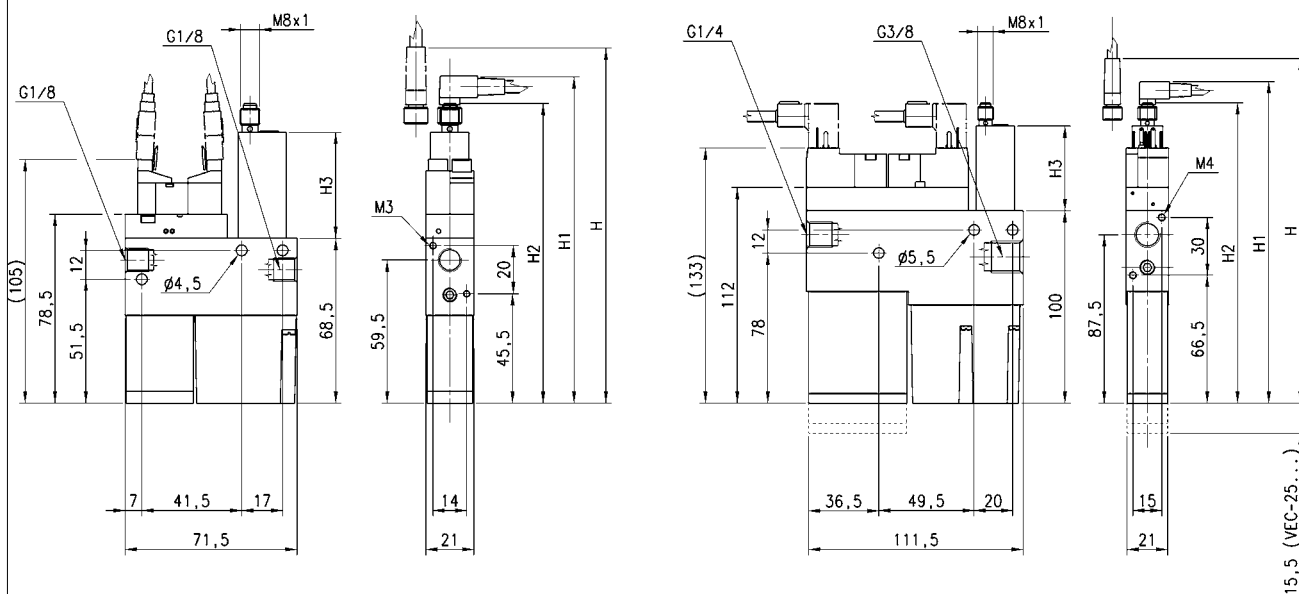


...D = SWD-V00-PA  
Electronic digital display; 2 digital outputs

...E = SWE-V00-PA  
Electronic without digital display; 1 digital output and 1 analog output.

VEC-10/15...

VEC-20/25...



DIMENSIONS

R = With air saving	Mod. [ E ]	R = With air saving	H	H1	H2	H3
VEC-10...-RD	<b>VEC-10...-RE</b>	R	162	150	139	58,5
VEC-15...-RD	<b>VEC-15...-RE</b>	R	162	150	139	58,5
VEC-20...-RD	<b>VEC-20...-RE</b>	R	195,5	183,5	172,5	58,5
VEC-25...-RD	<b>VEC-25...-RE</b>	R	195,5	183,5	172,5	58,5
VEC-10...-VD	<b>VEC-10...-VE</b>	-	147,5	135,5	124,5	44
VEC-15...-VD	<b>VEC-15...-VE</b>	-	147,5	135,5	124,5	44
VEC-20...-VD	<b>VEC-20...-VE</b>	-	181	169	158	44
VEC-25...-VD	<b>VEC-25...-VE</b>	-	181	169	158	44

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