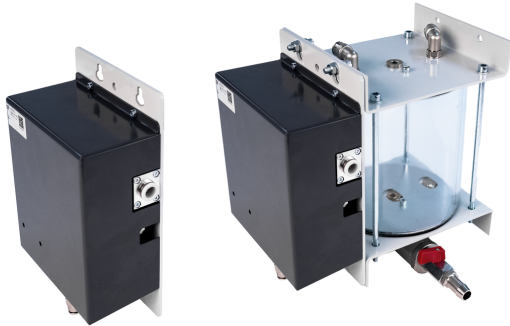
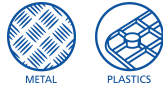
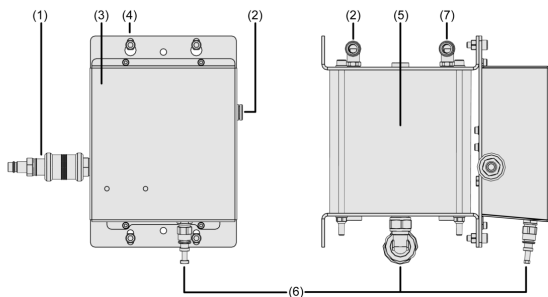


Pneumatic Vacuum Generators CVU

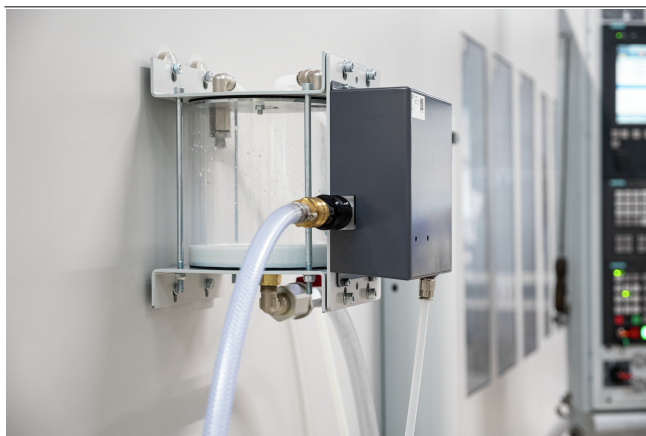
Suction rate up to 8.6 m³/h



Pneumatic Vacuum Generators CVU



System design Pneumatic Vacuum Generators CVU



Vacuum generator CVU on CNC machining center for metal processing

Suitability for industry specific applications

Application

- Vacuum generator for the supply of vacuum clamping equipment in metal and plastics processing
- For use with cooling lubricants, minimum quantity lubrication and dry machining
- Flexible use on different machines thanks to quick installation
- Mounting in the machining area or outside on the machine
- Optional reservoir for separating and recirculating cooling lubricant

Design

- Compressed air connection with manual slide valve (1) for switching the vacuum generator on and off
- Hose connection (2) for connection of the vacuum generator to the clamping device or reservoir
- Removable cover (3) with mounting holes (4) for screwing, for mounting magnetic holders or reservoirs (5)
- Hose connection (6) for targeted return of the collected coolant
- Version with energy-saving function: Optional reservoir (5) with two hose connections for connecting the clamping device (2) and the vacuum generator (7)

Product highlights

- Compact and quickly ready for flexible use on different machines
- Thanks to its robust design, it can be used both in the machining area and outside on the machine
- Energy-saving function (optional) ensures maximum energy efficiency with over 50 % energy savings
- Reservoir (optional) for buffering and liquid separation with automatic recirculation during off-peak times
- Ergonomic working environment thanks to complete enclosure. This provides additional sound insulation and acts as a baffle plate to prevent the atomization of sucked-in liquids into the ambient air

Pneumatic Vacuum Generators CVU

Suction rate up to 8.6 m³/h

Designation code Pneumatic Vacuum Generators CVU

CVU	-	2SBP	-	15	-	R+VOL	-	MD
1		2		3		4		5

1 – Abbreviated designation

Code	Version
CVU	CVU

2 – Vacuum generation

Code	Type
SBP	Basic ejector SBP
2SBP	2x basic ejector SBP

3 – Nozzle size

Code	Diameter in mm
15	1.5

4 – Additional function

Code	Type
R+VOL	Control and reservoir

5 – Product addition

Code	Type
MD	Manual emptying

The vacuum generator CVU is supplied ready to connect. A reservoir is also supplied with the CVU(...)(R(...)) variant.

Spare parts available: manual slide valve, vacuum hose

Available accessories: vacuum reservoir VOL

Ordering data Pneumatic Vacuum Generators CVU

Type	Part no.
CVU SBP 15	10.01.27.02068
CVU 2SBP 15	10.01.27.02067
CVU 2SBP 15 R+VOL MD	10.01.27.02139

Ordering data Spare parts Pneumatic Vacuum Generators CVU

Spare parts		Part no.
Silencer (round)	SD G1/8-AG 14x40	10.02.01.00540
Basic Ejector	SBP 15 S02 SDA	10.02.01.00566
Vacuum hose (meter)	VSL 10-7 PU MI-TR	10.07.09.00084
Pressure-reduction valve	DM 1... 10 G1/8-AG	10.07.11.00033

Spare parts	CVU 2SBP 15 R	PV 3/2 G1/8-IG FED	PV 3/2 G1/8-IG BI	VS-V-PM-NC
CVU 2SBP 15 R+VOL MD	10.01.27.02071	10.05.06.00182	10.05.06.00183	10.06.02.00455

Ordering data Accessories Pneumatic Vacuum Generators CVU

Spare parts		Part no.
Accessories-clamping systems	ZUB VER	10.01.27.02018
Connection set	SET VC-MPL 4/2	10.01.27.01733
Assembly set	SET VC-SYS WB	10.01.27.02005
Hose holder	HTR-SL-8	10.01.27.01924

Type	Accessories	Part no.
CVU 2SBP 15	Vacuum reservoir	VOL 2 10.01.27.02012
CVU SBP 15	Vacuum reservoir	VOL 2 10.01.27.02012

Pneumatic Vacuum Generators CVU

Suction rate up to 8.6 m³/h

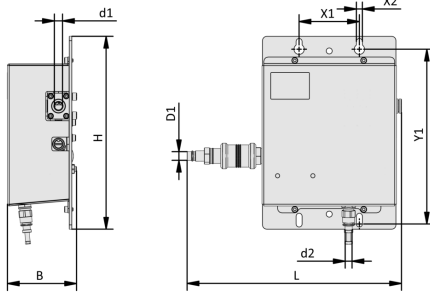
Technical data Pneumatic Vacuum Generators CVU

Type	Nozzle size	Degree of evacuation [%]	Suction rate (max.) [m ³ /h]	Air consumption suction [m ³ /h]	with		Function
CVU SBP 15	15	85	4.3	6.3	Basic ejector SBP	-	-
CVU 2SBP 15	15	85	8.6	12.6	2x basic ejector SBP	-	-
CVU 2SBP 15 R+VOL MD	15	75	8.6	12.6	2x basic ejector SBP	with control and reservoir	manual drain

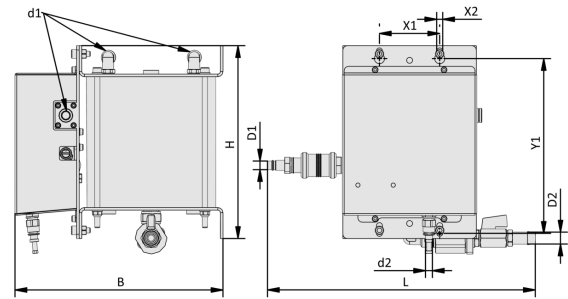
Pneumatic Vacuum Generators CVU

Suction rate up to 8.6 m³/h

Design data Pneumatic Vacuum Generators CVU



CVU



CVU R+VOL MD

Pneumatic Vacuum Generators CVU

Suction rate up to 8.6 m³/h

Design data Pneumatic Vacuum Generators CVU

Type	B [mm]	D1 [mm]	d1 [mm]	D2 [mm]	d2 [mm]	H [mm]	L [mm]	X1 [mm]	X2 [mm]	Y1 [mm]
CVU SBP 15	242.3	10	10	-	8	80.3	298.3	70	7	203
CVU 2SBP 15	242.3	10	10	-	8	80.3	298.3	70	7	203
CVU 2SBP 15 R+VOL MD	241.5	10	10	13	8	224.0	311.0	70	7	205