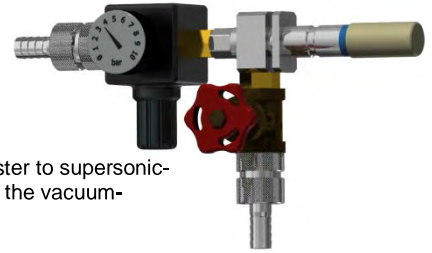


# PAUL-GOTHE-GmbH Bochum

Wittener Straße 82  
D-44789 Bochum



## Manual for Ejector



### Function:

By approximately 5 bar pressure, the air gas flow in the nozzle of the ejector become faster to supersonic-velocity. The following expansion of the air behind the jet-exit generate a hypotension at the vacuum-entrance.

### Assembling:

Connect the air pressure hose with connector at the pressure reducing valve (P). The suction hose must connect with the connector at the gate valve (V). At the exit is one silencer which can remove.

### Setting the suction rate:

For low suction volume and low vacuum in the system, adjust the pressure regulator by turning the black knob to 2 bar overpressure. The fine adjustment is done with the gate valve. To check the suction rate can be use a flowmeter at the front of the ejector.

For more suction power must increase the pressure of the compressed air.

Table performance: **P** = pre-compressed air, [bar], **V** = suction volume [m<sup>3</sup>/h], **L** = air consumption [l/min]

P	S	L	Order-No.:	P	S	L	Order-No.:
5	9,0	180	18.CV20	5	23	350	18.CV30
4	8,5	150		4	19	340	
3	7,5	120		3	16	300	
2	5,5	90		2	11	250	

