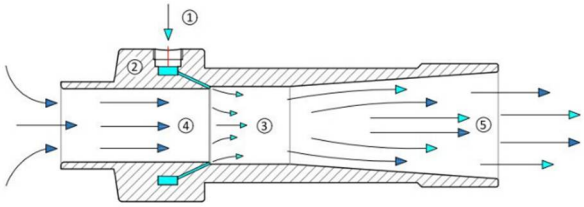
Dal 1932
Officine Giudici
Eiettori a misura di futuro

VENTURI AIR MOVERS GES TYPE

GES Venturi blower ejectors are static vacuum pumps that can aspirate and convey air, gases, vapors, and lightweight materials.
Their unique free-flow design allows for smooth flow without changes in direction, minimizing pressure drops.
They can be installed in any position. Their compact design and low weight make them easy to place near the work site for maximum performance in any situation.
Available in anodized or nickel-plated aluminum and, upon request, in other metallic or plastic materials.

Operation

The GES Venturi ejectors are powered by compressed air which is introduced via the threaded connection (1) into the annular distribution chamber (2) and from there conveyed into the mixing area (3).
The airflow exits at high speed creating a strong vacuum (low pressure area) and entraining a large quantity of gas (4). In the final divergent section, due to the Venturi effect, there is a decrease in the speed of the mixture and an increase in its pressure (5).

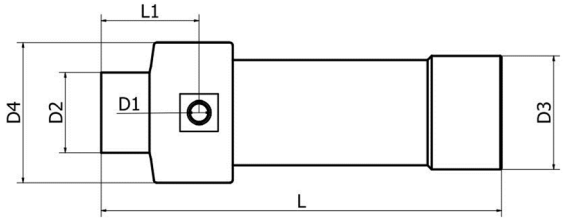


Applications

- Extraction of fumes and gases
- Handling of trimmings and processing waste
- Evacuation of fumes from tanks
- Cooling of hot machine components
- Ventilation of difficult-to-access areas
- Drying and blowing of components

Advantages

- Operation without moving parts
- Adjustable pressures and flow rates
- Can be installed in series
- Compact design
- Maintenance-free, 20-year design life
- Easy to install



TYPE	D1	D2	D3	D4	L	L1	weight (kg)
GES-A69	1/2 “	63	89	110	315	77	3.0
GES-A56	3/8”	50	60	85	205	50	1.0

Performance data GES-A56										
PRESSURE (bar g)	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
MOTIVE FLOW AIR (Nl/m)	126	185	240	296	353	412	474	531	590	650
SUCTION AIR (Nl/m)	900	1400	1802	2124	2420	2678	2871	3050	3193	3309
MAX VACUUM (mbar)	3	6	8	12	15	17	20	23	26	28

Performance data GES-A69										
PRESSURE (bar g)	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
MOTIVE FLOW AIR (Nl/m)	370	560	740	940	1160	1390	1610	1840	2050	2250
SUCTION AIR (Nl/m)	1850	2440	2930	3320	3620	3920	4200	4480	4760	5030
MAX VACUUM (mbar)	7	15	22	28	32	38	46	52	58	51