



Construction and Material

TYPE	BORE (male)	MATERIAL			
		Base	Ring	Upper Cover	Diaphragm
DELTA-S	1"	ABS	PU	PU	PU
SUPER-M	3/4"	ABS	ABS	ABS	EPDM
SUPER-L	3/4"	ABS	ABS	ABS	EPDM

Specification and performance

TYPE	DELTA-S	SUPER-M	SUPER-L
Diameter	14.5 cm	24.6 cm	33 cm
Active Surface Area	-	330 cm ²	660 cm ²
Design Airflow	10 - 40 m ³ /h	1 - 10 m ³ /h	1 - 10 m ³ /h
Oxygen Efficiency	13% at 4m depth and airflow 15 m ³ /h	22 % at 4.6m depth and airflow 4 m ³ /h	27%, at 4.6m depth and air flow 5 m ³ /h
Pressure Loss	130 mmAq at Airflow 15 m ³ /h	390 mmAq at Airflow 4 m ³ /h	300 mmAq at Airflow 5 m ³ /h

Ambient : 20 °C

APPLICATION GUIDE

The following applications are typical of many uses for ALVEST blowers. This is a general listing and does not include all type of applications.

PRESSURE OPERATION

- Combustion air for burners, gas burners, coke-fired forges, small foundry cupolas in:
 - iron & steel industries
 - food processing
 - chemical plants
 - non-ferrous metal refineries
 - smelters & foundries
 - bakeries
 - glass, ceramics, brick
 - oil, tar & asphalt heaters
 - on road machinery
 - pipe, wrapping machines
- Drying:
 - air and sand blasting
 - grain conditioning in elevator storage
 - supercharging
 - dusting and spraying
 - washing, drying and cleaning drums
 - blending and mixing
 - sand filter regeneration
 - dust blowing
 - cake blowing
 - pressurizing paper mill headboxes

Aerating and agitating liquids in :

- waste treatment plants
- waste treatment
- electrotyping & engraving
- oyster washing
- oil blending
- ice manufacture
- chemical processes
- preventing ice formation in power plants
- fish ponds, lakes
- flotation
- blending vinegars
- asphalt refining
- food washing

Pneumatic conveying:

- granular materials
- insulation blowing
- liquid transfer
- fluidizing
- pulp conveying
- wood and metal chip conveying
- rock dusting
- flour and powder

VACUUM OPERATION

- industrial and commercial vacuum cleaning
- paper folding machinery
- garment presses
- bottle and tube filling machines
- drying
- mat formers
- pump priming
- dust collecting