

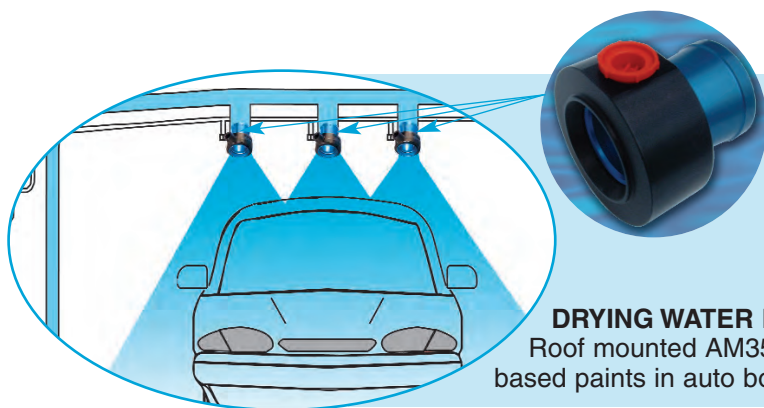
BRAUER®

FIXED GAP AIRMOVERS

BRAUER has been the leading manufacturer of fixed gap airmovers for 40 years, and these products form the core of our airmover product range. Other manufacturers have copied these products – a compliment to our air mover engineering design and success.

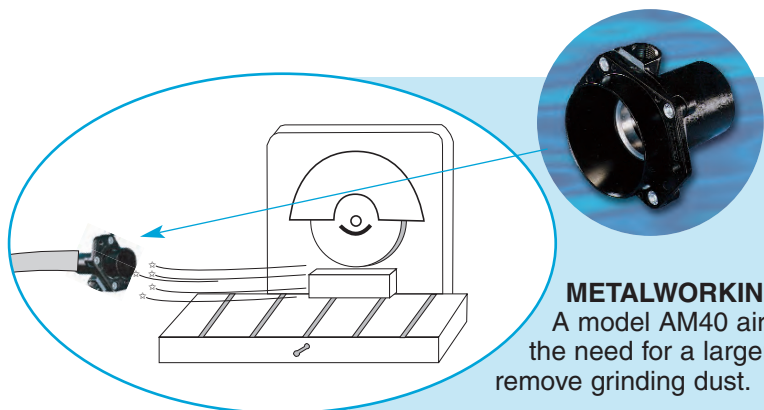
Our range of inexpensive fixed gap airmovers should provide a solution for the great majority of possible applications. However, our design engineers continue to develop our range, and we are also prepared to consider, the design and manufacture of special products to meet the customers specific requirements.

SOME TYPICAL APPLICATIONS – AIRMOVERS/AIR AMPLIFIERS



DRYING WATER BASED PAINTS

Roof mounted AM35 airmovers drying environmentally friendly water based paints in auto body shops or assembly lines.



METALWORKING - GRINDING

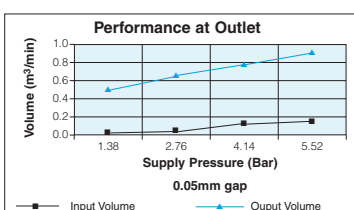
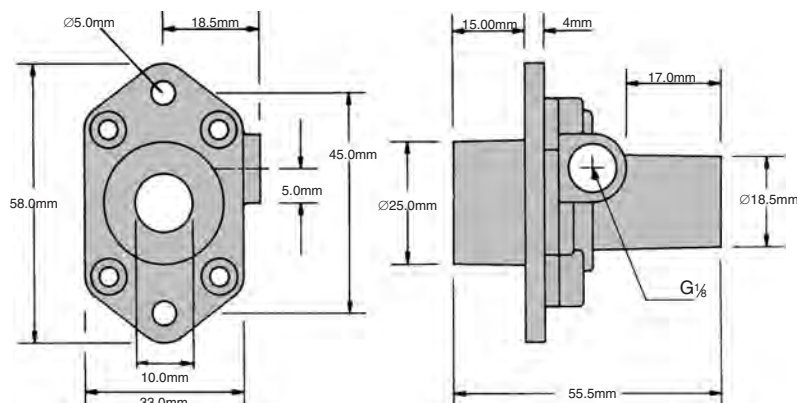
A model AM40 airmover boosts a vacuum system negating the need for a larger, more expensive ventilation system to remove grinding dust.



DRYING ENAMEL BASED PAINTS

Side mounted AM40 airmover drying enamel paint on a radiator manufacturing line.

FIXED GAP AIRMOVER AM10



Bar	Vol in m³/min	Vol out m³/min
1.38	0.048	0.490
2.76	0.065	0.660
4.14	0.125	0.733
5.52	0.164	0.886

PERFORMANCE DATA – DUCTED

METRIC		Back Pressure (mm water gauge) and guide to equivalent pipe length									
		125mm water gauge		250mm water gauge		375mm water gauge		500mm water gauge		625mm water gauge	
Supply Pressure kg/cm²	Vi m³/min	Vc m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m
2	.060	.26	7	.13	50						
3	.070	.47	2	.31	9	20	37				
4	.115	.64	1	.51	3	36	10	.33	15	.13	–
5	.150	.76	1	.65	2	.54	4	.51	6	.37	14
6	.180	.87	0.5	.78	2	.72	3	.64	4	.58	6



Material: Zinc and aluminium alloy.

Weight: 0.100Kg

Standard Gap: 0.05mm

dB(A) at: 5.5 bar is 72

Shims: 0.04, 0.05, 0.08mm

Optional Extra

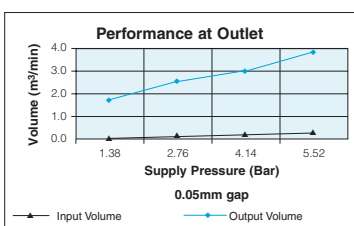
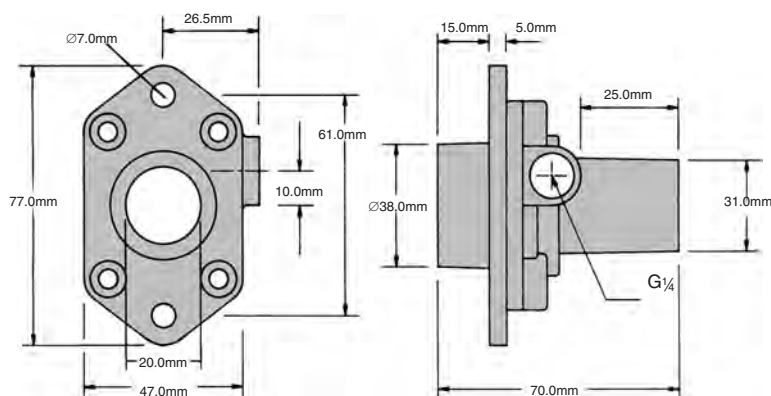
Standard Inlet Thread: G $\frac{1}{8}$

Options: $\frac{1}{8}$ " NPT

Please specify on order $\frac{1}{8}$ " NPTF

Replacement shims

FIXED GAP AIRMOVER AM20



Bar	Vol in m³/min	Vol out m³/min
1.38	0.105	1.614
2.76	0.164	2.492
4.14	0.224	3.030
5.52	0.286	3.681

PERFORMANCE DATA – DUCTED

METRIC		Back Pressure (mm water gauge) and guide to equivalent pipe length									
		50mm water gauge		100mm water gauge		150mm water gauge		200mm water gauge		250mm water gauge	
Supply Pressure kg/cm²	Vi m³/min	Vc m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m
2	.125	.91	2.0	.59	9	.42	27				
3	.170	1.42	0.8	1.03	3	.85	7	.62	18		
4	.210	1.90	0.4	1.46	2	1.25	3	1.05	6	.74	16
5	.265	2.55	0.3	1.98	1	1.70	2	1.51	3	1.22	6
6	.295	3.45	0.2	2.75	0.5	2.18	1	2.04	2	1.78	3



Material: Zinc and aluminium alloy.

Weight: 0.250Kg

Standard Gap: 0.05mm

dB(A) at: 5.5 bar is 79

Shims: 0.04, 0.05, 0.08mm

Optional Extra

Standard Inlet Thread: G $\frac{1}{4}$ "

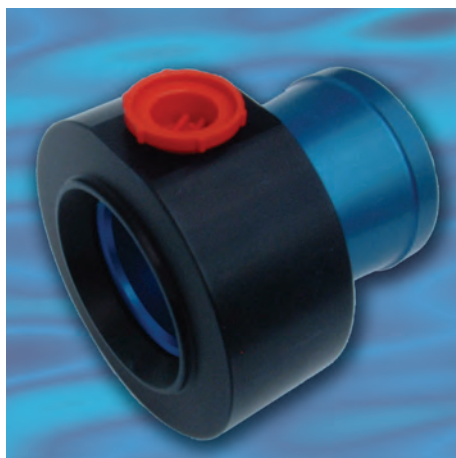
Options: $\frac{1}{4}$ " NPT

Please specify on order $\frac{1}{4}$ " NPTF

Replacement shims

BRAUER®

AM35 FIXED GAP AIRMOVER



Material: Zinc and aluminium alloy.

Weight: 0.19Kg

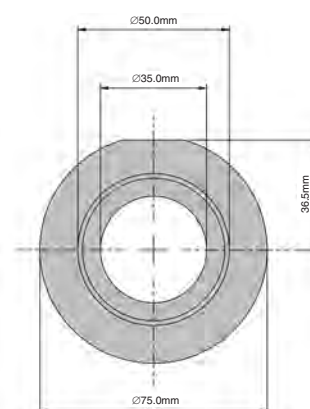
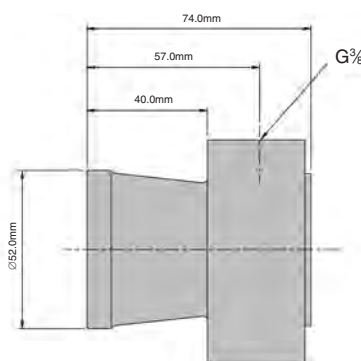
Standard Gap: 0.05mm

dB(A) at: 5.5 bar is 80

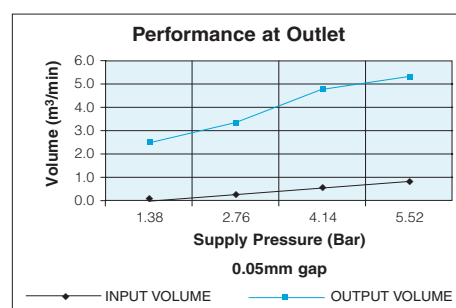
Shims: Not required

Standard Inlet Thread: $G\frac{3}{8}$

Options: $\frac{3}{8}$ NPT
Please specify on order $\frac{3}{8}$ NPTF



Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.193	2.350
2.76	0.326	3.361
4.14	0.484	4.621
5.52	0.631	5.207



AM40 FIXED GAP AIRMOVER



Material: Zinc and aluminium alloy.

Weight: 0.900Kg

Standard Gap: 0.05mm

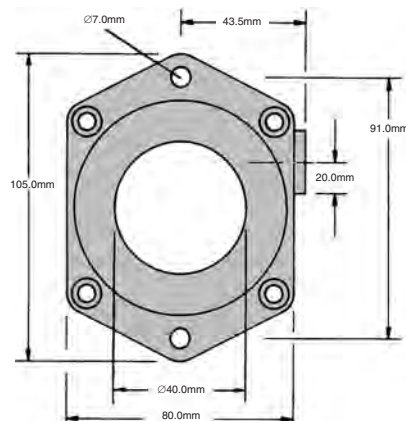
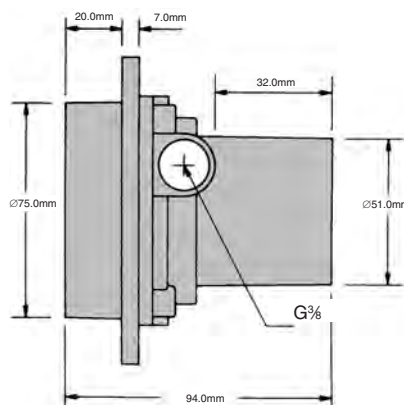
dB(A) at: 5.5 bar is 80

Shims: 0.04, 0.05, 0.08mm

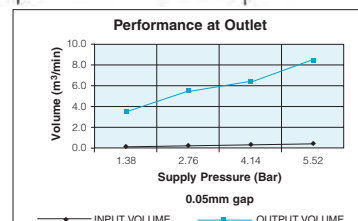
Optional extra

Standard Inlet Thread: $G\frac{3}{8}$

Options: $\frac{3}{8}$ NPT
Please specify on order $\frac{3}{8}$ NPTF
Replacement shims



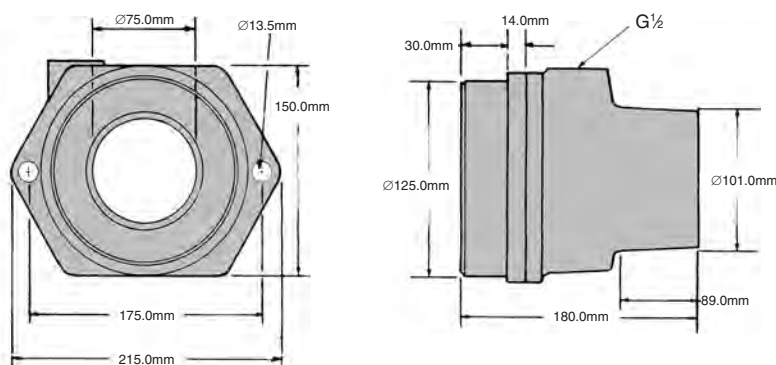
Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.207	3.256
2.76	0.323	5.182
4.14	0.439	6.513
5.52	0.555	8.297



PERFORMANCE DATA – DUCTED

Back Pressure (mm water gauge) and guide to equivalent pipe length										
50mm water gauge		100mm water gauge		150mm water gauge		200mm water gauge		250mm water gauge		
Supply Pressure kg/cm ²	Vi m ³ /min	Vc m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Equiv. Pipe length m
2	.26	1.22	10	1.00	29					
3	.36	1.97	4	1.44	14	1.16	34			
4	.42	2.88	2	2.20	6	1.75	15	1.00	58	
5	.50	4.14	1	3.08	3	2.49	7	1.80	18	1.33
6	.58	5.41	0.6	4.25	2	3.20	5	2.63	9	2.20

FIXED GAP AIRMOVER AM75



Material: Zinc and aluminium alloy.

Weight: 2.7Kg

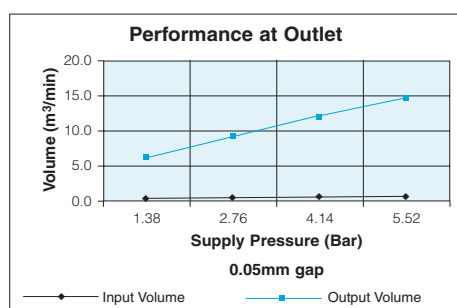
Standard Gap: 0.05mm

dB(A) at: 5.5 bar is 80

Shims: Not required

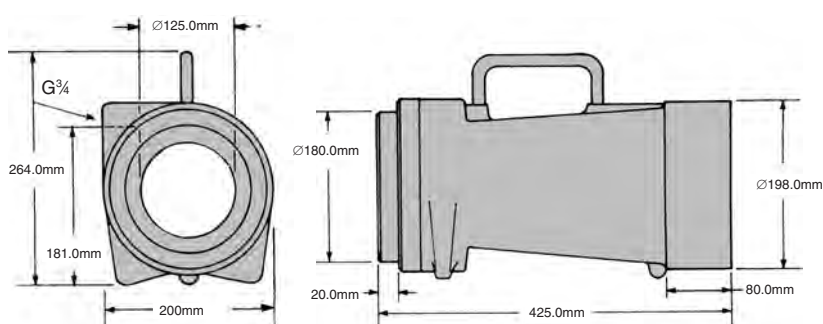
Standard Inlet Thread: G $\frac{1}{2}$

Options: $\frac{1}{2}$ " NPT
Please specify on order $\frac{1}{2}$ " NPTF
Replacement shims



Bar	Vol in m³/min	Vol out m³/min
1.38	0.425	6.230
2.76	0.651	9.203
4.14	0.906	12.035
5.52	1.133	14.866

FIXED GAP AIRMOVER AM125



Material: Zinc and aluminium alloy.

Weight: 7.55Kg

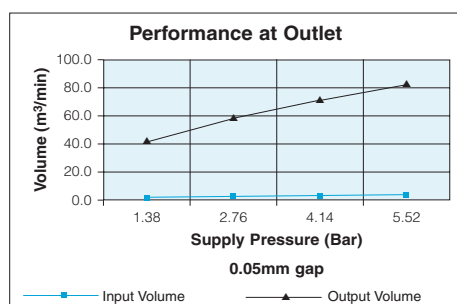
Standard Gap: 0.15mm

dB(A) at: 5.5 bar is 85

Shims: Not required

Standard Inlet Thread: G $\frac{3}{4}$

Options: $\frac{3}{4}$ " NPT
Please specify on order $\frac{3}{4}$ " NPTF



Bar	Vol in m³/min	Vol out m³/min
1.38	1.982	38.936
2.76	3.115	53.660
4.14	4.276	68.668
5.52	5.324	80.137

BRAUER®

ADJUSTABLE AIRMOVERS

In some applications, the engineer must be able to vary the volume of outlet air. Brauer adjustable airmovers incorporate air gaps which are not fixed, instead the gap can be varied by loosening the knurled ring and adjusting the sleeve accordingly. The result is that air consumption can be minimised and output volumes varied from a light blow to a blast of high volume air. When the desired air flows are obtained, the knurled ring can be locked into position. In most instances, the ideal air gap will be between 0.05mm and 0.10mm (.002" to .004")

The Brauer standard range of adjustable airmovers are manufactured in our factory from aluminium. Stainless steel versions are also available when the application requires (see page 15)

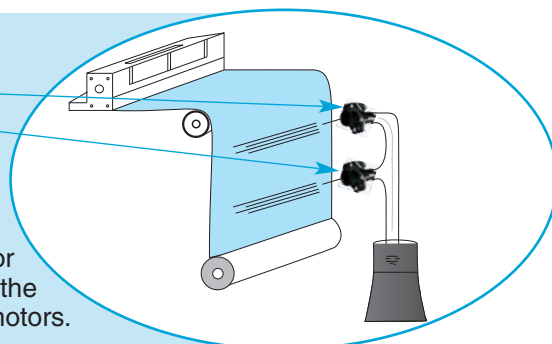
Optional mounting rings and magnetic base are available (see page 22).

SOME TYPICAL APPLICATIONS – ADJUSTABLE AIRMOVERS



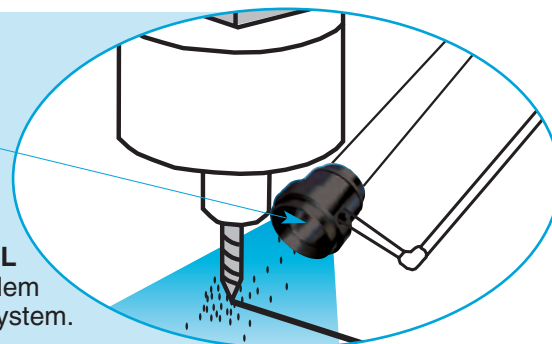
SCRAP REMOVAL ON TEXTILES

Two model AM10A airmovers used for fine adjustment of air flow which eliminate expensive vacuums and electric motors for trimming removal. Airmovers have the capability to remove the overheating problems inherent in electric motors.

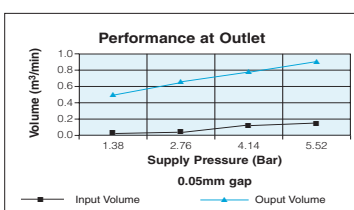
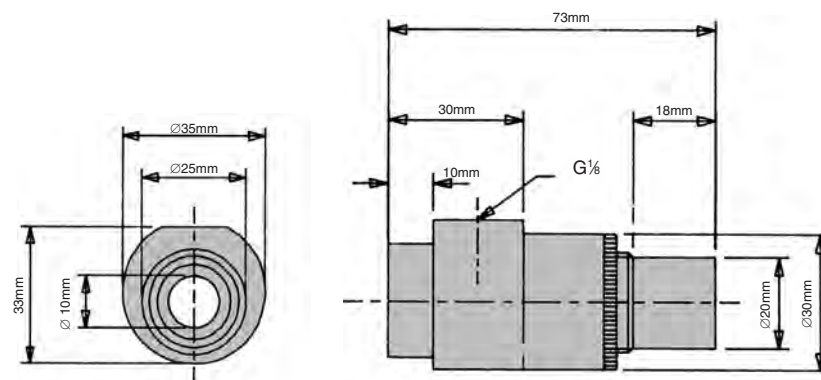


WOODWORKING - SAWDUST REMOVAL

AM60A airmovers used on this router eliminate the sawdust problem by boosting the vacuum system.



ADJUSTABLE AIRMOVER AM10A



Bar	Vol in m³/min	Vol out m³/min
1.38	0.048	0.490
2.76	0.065	0.660
4.14	0.125	0.733
5.52	0.164	0.886



Material: Aluminium alloy.

Weight: 0.09Kg

Standard Gap: Adjustable

dB(A) at: 5.5 bar is 73

Shims: Not Applicable

Standard Inlet Thread: G $\frac{1}{8}$

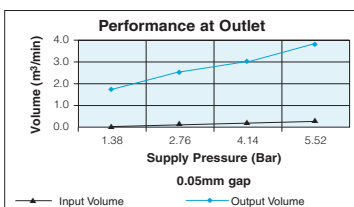
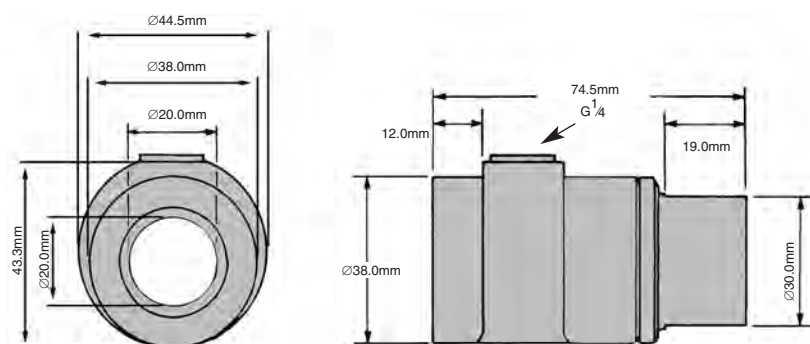
Options: $\frac{1}{8}$ " NPT

Please specify on order $\frac{1}{8}$ " NPTF

PERFORMANCE DATA – DUCTED

Back Pressure (mm water gauge) and guide to equivalent pipe length											
METRIC		125mm water gauge		250mm water gauge		375mm water gauge		500mm water gauge		625mm water gauge	
Supply Pressure kg/cm²	VI m³/min	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m
2	.060	.26	7	.13	50	.20	37	.33	15	.13	—
3	.070	.47	2	.31	9	.36	10	.51	6	.37	14
4	.115	.64	1	.51	3	.54	4	.64	4	.58	6
5	.150	.76	1	.65	2	.72	3				
6	.180	.87	0.5	.78	2						

ADJUSTABLE AIRMOVER AM20A



Bar	Vol in m³/min	Vol out m³/min
1.38	0.105	1.614
2.76	0.164	2.492
4.14	0.224	3.030
5.52	0.286	3.681



Material: Aluminium alloy.

Weight: 0.13Kg

Standard Gap: Adjustable

dB(A) at: 5.5 bar is 79

Shims: Not Applicable

Standard Inlet Thread: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

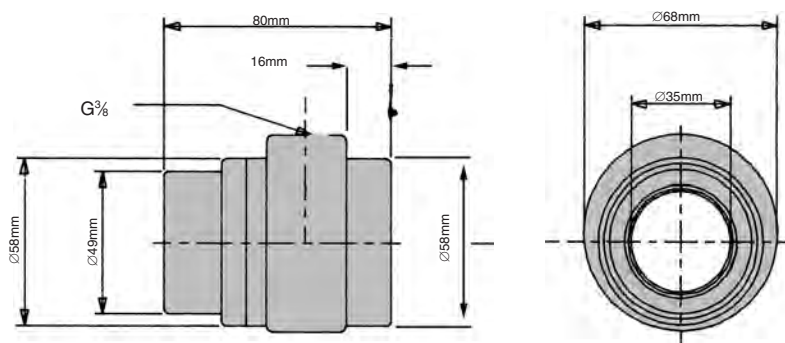
Please specify on order $\frac{1}{4}$ " NPTF

PERFORMANCE DATA – DUCTED

Back Pressure (mm water gauge) and guide to equivalent pipe length											
METRIC		50mm water gauge		100mm water gauge		150mm water gauge		200mm water gauge		250mm water gauge	
Supply Pressure kg/cm²	VI m³/min	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m
2	.125	.91	2.0	.59	9	.42	7	.62	18	.74	16
3	.170	1.42	0.8	1.03	3	.85	7	1.05	6	1.22	6
4	.210	1.90	0.4	1.46	2	1.25	3	1.51	3	1.78	3
5	.265	2.55	0.3	1.98	1	1.70	2	2.04	2		
6	.295	3.45	0.2	2.75	0.5	2.18	1				

BRAUER®

AM35A ADJUSTABLE AIRMOVER



Material: Aluminium alloy.

Weight: 0.28Kg

Standard Gap: Adjustable

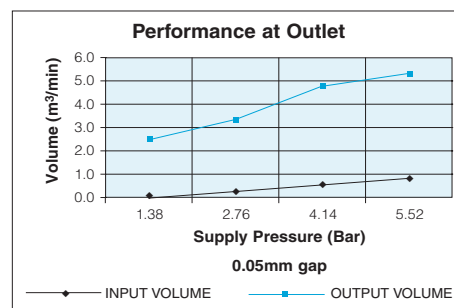
dB(A): 5.5 bar is 80

Shims: Not Applicable

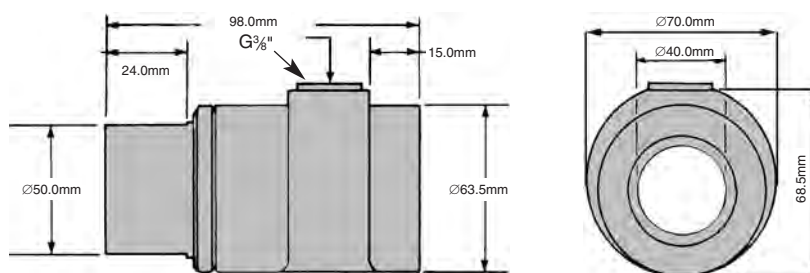
Standard Inlet Thread: G $\frac{3}{8}$

Options: $\frac{3}{8}$ " NPT
Please specify on order $\frac{3}{8}$ " NPTF

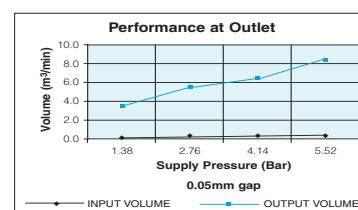
Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.193	2.350
2.76	0.326	3.361
4.14	0.484	4.621
5.52	0.631	5.207



AM40A ADJUSTABLE AIRMOVER



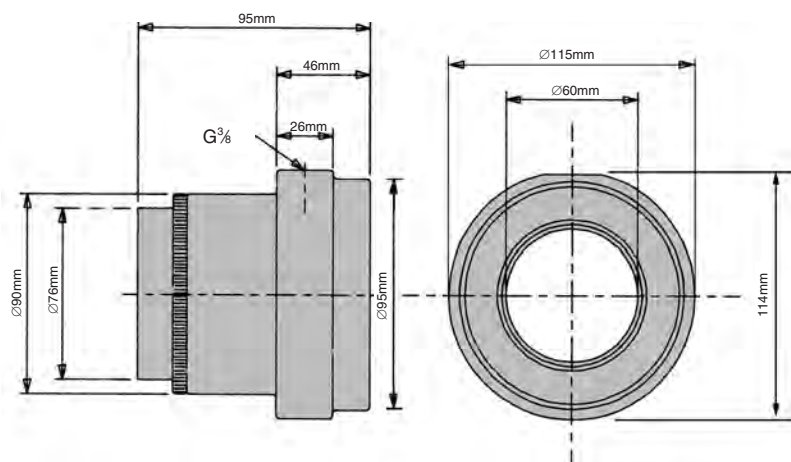
Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.207	3.256
2.76	0.323	5.182
4.14	0.439	6.513
5.52	0.555	8.297



PERFORMANCE DATA – DUCTED

PERFORMANCE DATA - CONT'D											
METRIC	Back Pressure (mm water gauge) and guide to equivalent pipe length										
	50mm water gauge			100mm water gauge		150mm water gauge		200mm water gauge		250mm water gauge	
Supply Pressure kg/cm ²	V _i m ³ /min	V _c m ³ /min	Equiv. Pipe length m	V _o m ³ /min	Equiv. Pipe length m	V _o m ³ /min	Equiv. Pipe length m	V _o m ³ /min	Equiv. Pipe length m	V _o m ³ /min	Equiv. Pipe length m
2	.26	1.22	10	1.00	29						
3	.36	1.97	4	1.44	14	1.16	34				
4	.42	2.88	2	2.20	6	1.75	15	1.00	58		
5	.50	4.14	1	3.08	3	2.49	7	1.80	18	1.33	43
6	.58	5.41	0.6	4.25	2	3.20	5	2.63	9	2.20	15

ADJUSTABLE AIRMOVER AM60A



Material: Aluminium alloy.

Weight: 0.83Kg

Standard Gap: Adjustable

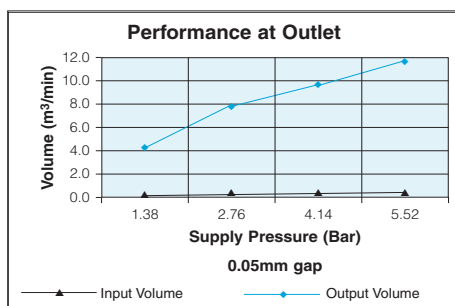
dB(A): 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Thread: G $\frac{3}{8}$

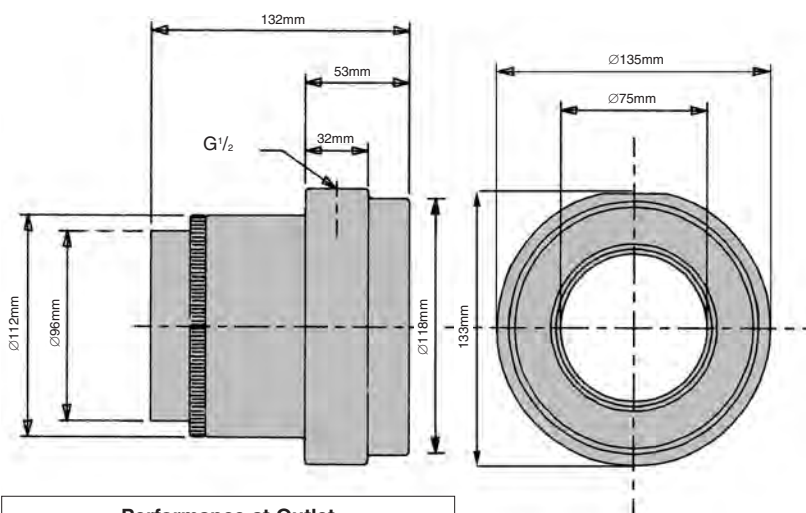
Options: $\frac{3}{8}$ " NPT

Please specify on order $\frac{3}{8}$ " NPTF



Bar	Vol in m³/min	Vol out m³/min
1.38	0.280	4.191
2.76	0.476	7.561
4.14	0.654	9.231
5.52	0.841	11.327

ADJUSTABLE AIRMOVER AM75A



Material: Aluminium alloy.

Weight: 1.5Kg

Standard Gap: Adjustable

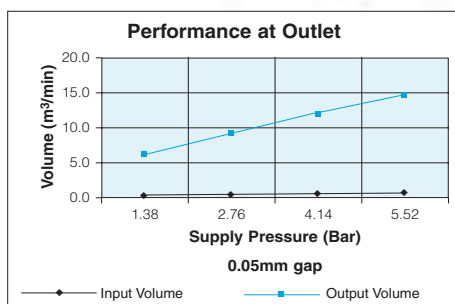
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Thread: G $\frac{1}{2}$

Options: $\frac{1}{2}$ " NPT

Please specify on order $\frac{1}{2}$ " NPTF



Bar	Vol in m³/min	Vol out m³/min
1.38	0.425	6.230
2.76	0.651	9.203
4.14	0.906	12.035
5.52	1.133	14.866



AM125A ADJUSTABLE AIRMOVER



Material: Aluminium Alloy.

Weight: 5.4Kg

Standard Gap: Adjustable

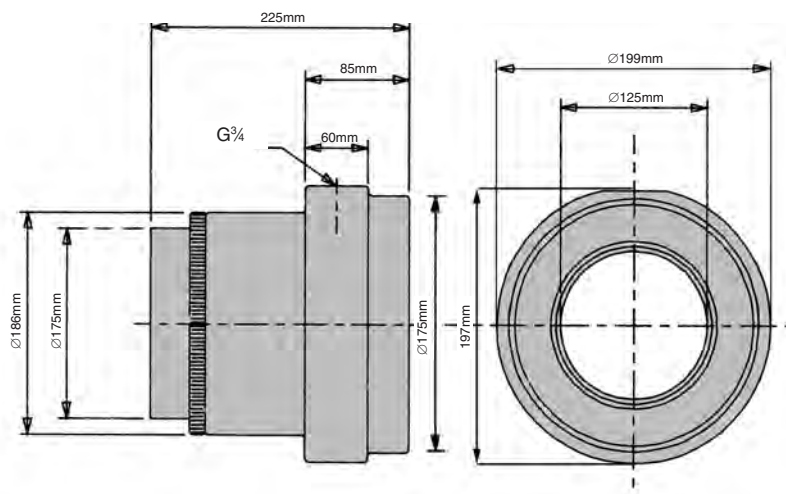
dB(A) at: 5.5 bar is 8.5

Shims: Not applicable

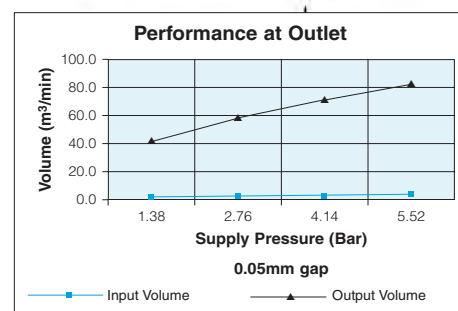
Standard Inlet Thread: $G\frac{3}{4}$

Options: $\frac{3}{4}$ NPT

Please specify on order $\frac{3}{4}$ NPTF



Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	1.982	38.936
2.76	3.115	53.660
4.14	4.276	68.668
5.52	5.324	80.137



STAINLESS STEEL ADJUSTABLE AIRMOVERS

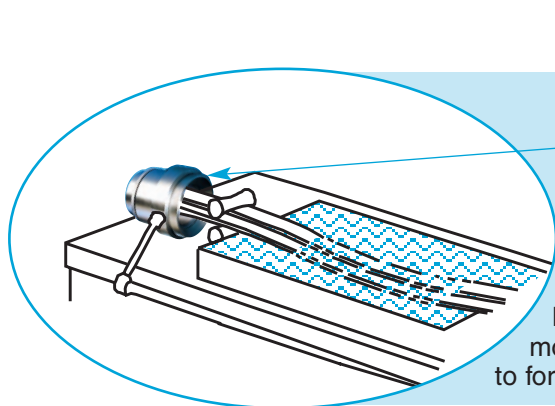
Airmover applications can exist even in the most hazardous of environments. Alternatively, the hygiene requirements of the food, pharmaceutical and other industries require product friendly tooling. In all of these extremes, stainless steel airmovers can offer a very viable solution. Our range is supplied to demanding customers worldwide and comes with an adjustable airgap.

So should your air amplifier be required to resist corrosive environments or be food product friendly, then Brauer has a stainless steel adjustable airmover to meet your needs.

Note: We also manufacture adjustable airmovers in Acetal and in certain applications these may be a suitable alternative to Stainless steel (See page 19)

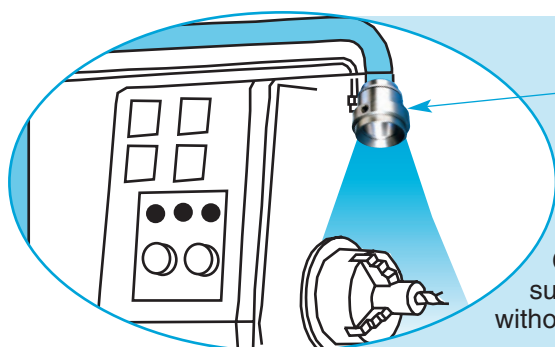
Optional mounting rings and magnetic base are available (see page 22).

SOME TYPICAL APPLICATIONS - STAINLESS STEEL ADJUSTABLE AIRMOVERS



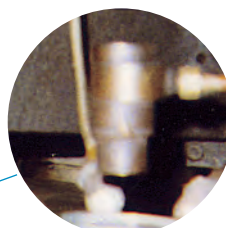
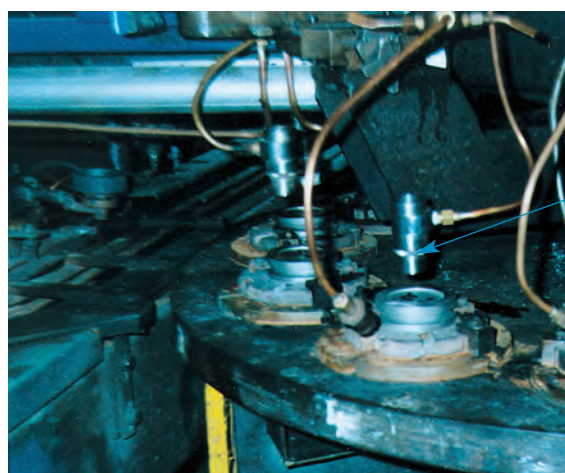
EXTRUSION - RUBBER MOULDING COOLING AND DRYING

Model SS75A stainless airmovers help set-up and cool this moulding after extrusion. Then blow off and dry the moulding prior to forming. Stainless steel is used in corrosive environments.



METALWORKING - COOLANT MIST REMOVAL

CNC machine with doors closed, oily mist often escapes to surrounding areas. The SS40A airmover solves the problem, without failure of electric motor or vacuum.

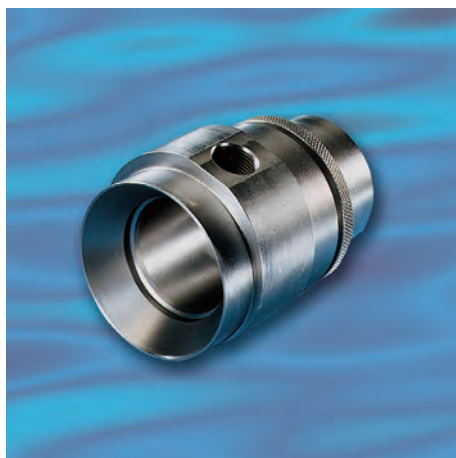


LENS MANUFACTURE

SS20A's used to cool optical lenses during manufacture.

BRAUER®

SS10A STAINLESS STEEL ADJUSTABLE AIRMOVER



Material: Stainless Steel (Grade 304).

Weight: 0.27Kg

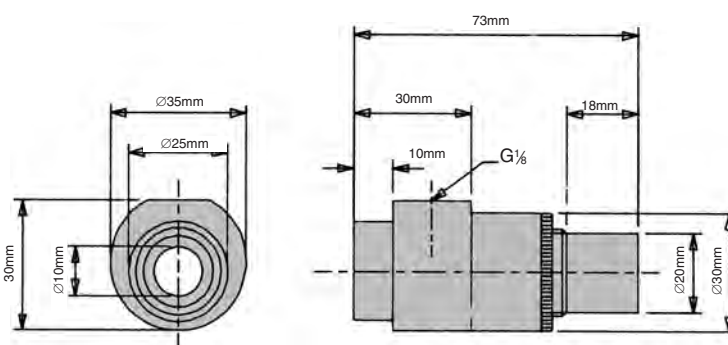
Standard Gap: Adjustable

dB(A) at: 5.5 bar is 72

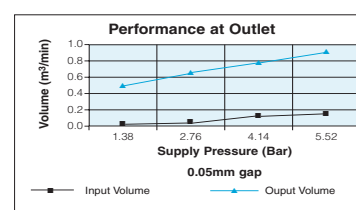
Shims: Not Applicable

Standard Inlet Thread: $G\frac{1}{8}$

Options: $\frac{1}{8}$ NPT
Please specify on order $\frac{1}{8}$ NPTF



Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.048	0.490
2.76	0.065	0.660
4.14	0.125	0.733
5.52	0.164	0.886



PERFORMANCE DATA – DUCTED

PERFORMANCE DATA TABLES											
METRIC	Back Pressure (mm water gauge) and guide to equivalent pipe length										
	125mm water gauge			250mm water gauge		375mm water gauge		500mm water gauge		625mm water gauge	
Supply Pressure kg/cm ²	Vi m ³ /min	Vc m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m
2	.060	.26	7	.13	50						
3	.070	.47	2	.31	9	.20	37				
4	.115	.64	1	.51	3	.36	10	.33	15	.13	—
5	.150	.76	1	.65	2	.54	4	.51	6	.37	14
6	.180	.87	0.5	.78	2	.72	3	.64	4	.58	6

SS20A STAINLESS STEEL ADJUSTABLE AIRMOVER



Material: Stainless Steel (Grade 304).

Weight: 0.39Kg

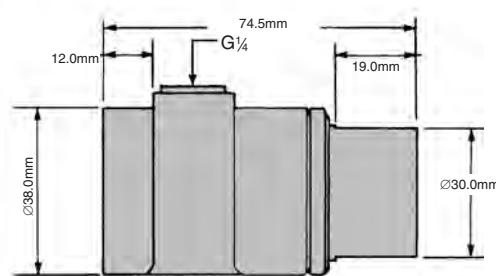
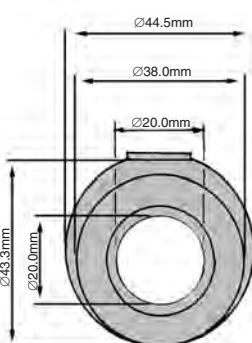
Standard Gap: Adjustable

dB(A) at: 5.5 bar is 78

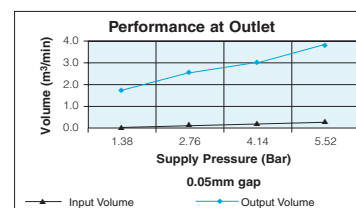
Shims: Not Applicable

Standard Inlet Thread: $G\frac{1}{4}$

Options: $\frac{1}{4}$ NPT
Please specify on order $\frac{1}{4}$ NPTF



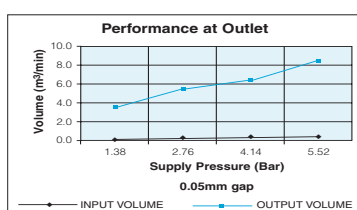
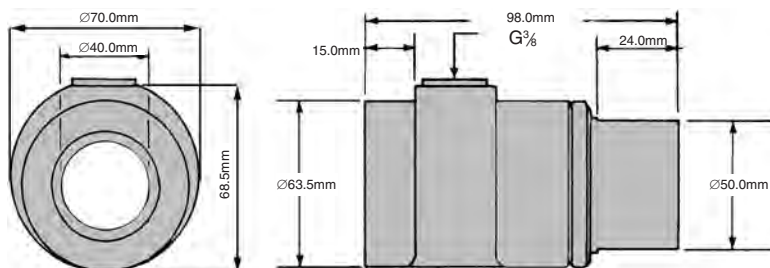
Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.105	1.614
2.76	0.164	2.492
4.14	0.224	3.030
5.52	0.286	3.681



PERFORMANCE DATA – DUCTED

PERFORMANCE DATA - SIZES											
METRIC	Back Pressure (mm water gauge) and guide to equivalent pipe length										
	50mm water gauge		100mm water gauge		150mm water gauge		200mm water gauge		250mm water gauge		
Supply Pressure kg/cm ²	Vi m ³ /min	Vc m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m	Vo m ³ /min	Equiv. Pipe length m
2	.125	.91	2.0	.59	9	.42	27	.62	18	.74	16
3	.170	1.42	0.8	1.03	3	.85	7	1.05	6	1.22	6
4	.210	1.90	0.4	1.46	2	1.25	3	1.51	3	1.78	3
5	.265	2.55	0.3	1.98	1	1.70	2	2.04	2	2.22	3
6	.295	3.45	0.2	2.75	0.5	2.18	1				

STAINLESS STEEL ADJUSTABLE AIRMOVER SS40A



Bar	Vol in m³/min	Vol out m³/min
1.38	0.207	3.256
2.76	0.323	5.182
4.14	0.439	6.513
5.52	0.555	8.297



Material: Stainless Steel (Grade 304)

Weight: 0.84Kg

Standard Gap: Adjustable

dB(A) at: 5.5 bar is 80

Shims: Not applicable

Standard Inlet Thread: G $\frac{3}{8}$

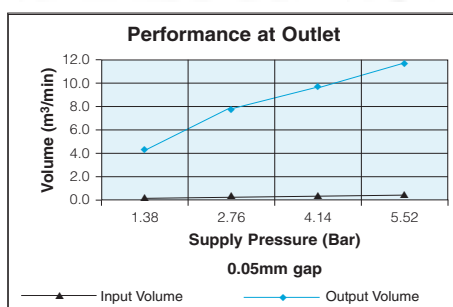
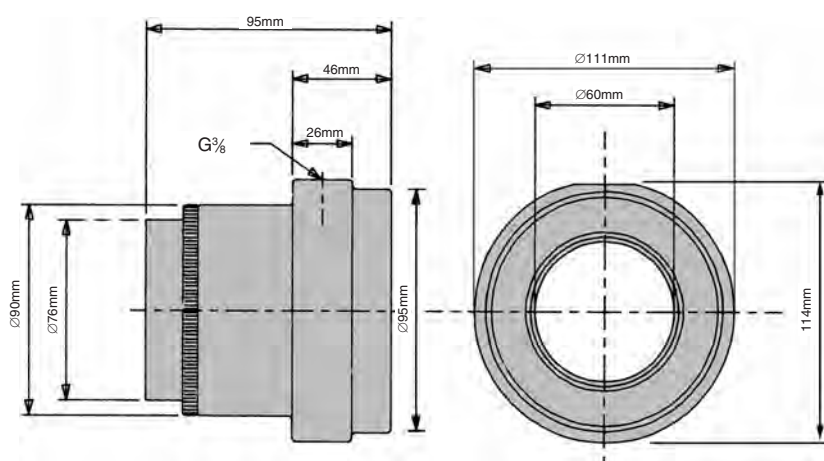
Options: $\frac{3}{8}$ " NPT

Please specify on order $\frac{3}{8}$ " NPTF

PERFORMANCE DATA – DUCTED

Back Pressure (mm water gauge) and guide to equivalent pipe length											
METRIC		50mm water gauge		100mm water gauge		150mm water gauge		200mm water gauge		250mm water gauge	
Supply Pressure kg/cm²	Vi m³/min	Vc m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m
2	.26	1.22	10	1.00	29	1.16	34	1.00	58	1.33	43
3	.36	1.97	4	1.44	14	1.75	15	1.80	18	2.20	15
4	.42	2.88	2	2.20	6	2.49	7	2.63	9		
5	.50	4.14	1	3.08	3	3.20	5				
6	.58	5.41	0.6	4.25	2						

STAINLESS STEEL ADJUSTABLE AIRMOVER SS60A



Bar	Vol in m³/min	Vol out m³/min
1.38	0.280	4.191
2.76	0.476	7.561
4.14	0.654	9.231
5.52	0.841	11.327



Material: Stainless Steel (Grade 304)

Weight: 2.9Kg

Standard Gap: Adjustable

dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Thread: G $\frac{3}{8}$

Options: $\frac{3}{8}$ " NPT

Please specify on order $\frac{3}{8}$ " NPTF

BRAUER®

SS75A STAINLESS STEEL ADJUSTABLE AIRMOVER MODEL



Material: Stainless Steel (Grade 304)

Weight: 4.5Kg

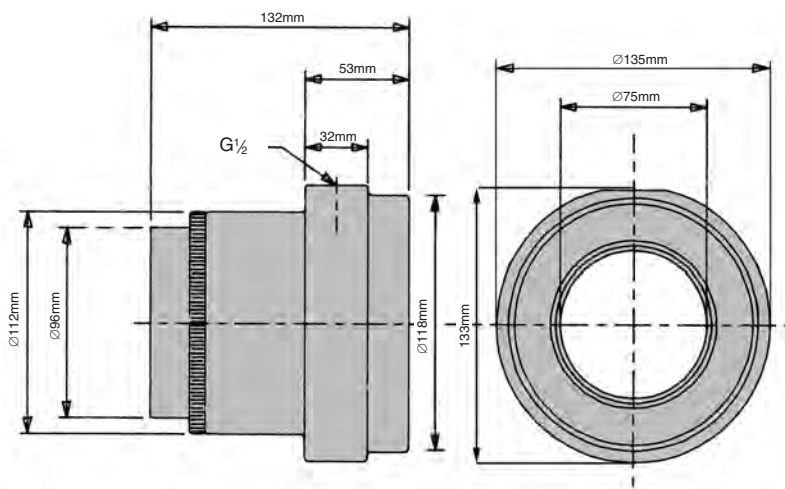
Standard Gap: Adjustable

dB(A) at: 5.5 bar is 81

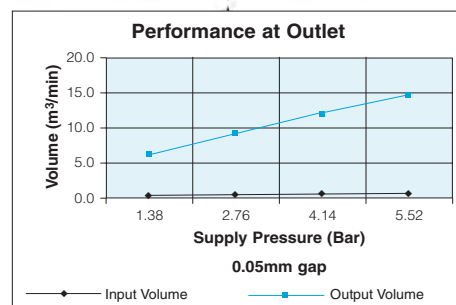
Shims: Not applicable

Standard Inlet Thread: $G\frac{1}{2}$

Options: $\frac{1}{2}$ " NPT
Please specify on order $\frac{1}{2}$ " NPTF



Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.425	6.230
2.76	0.651	9.203
4.14	0.906	12.035
5.52	1.133	14.866



SS125A STAINLESS STEEL ADJUSTABLE AIRMOVER MODEL



Material: Stainless Steel (Grade 304)

Weight: 16.3Kg

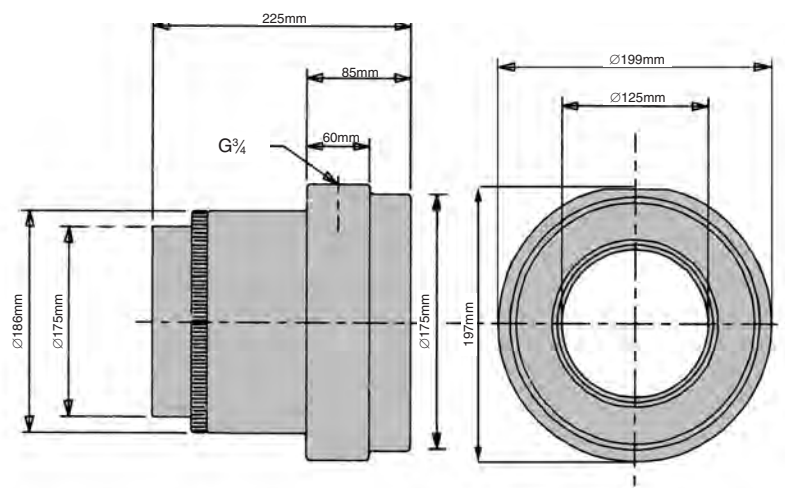
Standard Gap: Adjustable

dB(A) at: 5.5 bar is 85

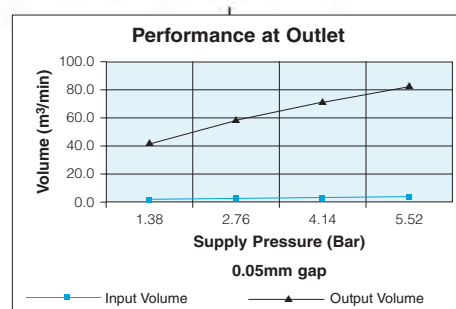
Shims: Not applicable

Standard Inlet Thread: $G\frac{3}{4}$

Options: $\frac{3}{4}$ " NPT
Please specify on order $\frac{3}{4}$ " NPTF



Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	1.982	38.936
2.76	3.115	53.660
4.14	4.276	68.668
5.52	5.324	80.137

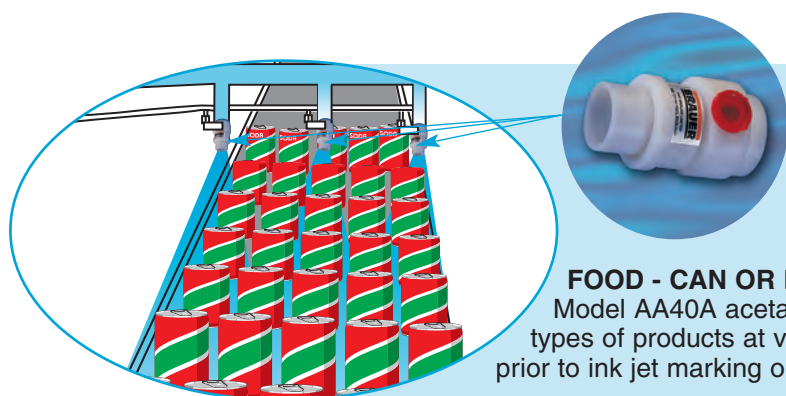


ACETAL ADJUSTABLE AIRMOVERS

As with our stainless steel range of airmovers, Brauer has developed a unique range of Acetal, adjustable Airmovers. Again these products are corrosion resistant and impervious to a wide range of chemical attack. Being extremely lightweight, these Airmovers may, in certain situations, be more suitable than much heavier stainless steel.

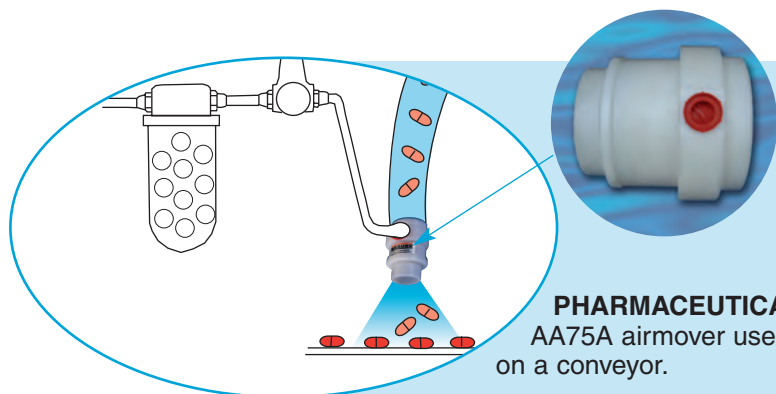
Optional mounting rings and magnetic base are available (see page 22).

SOME TYPICAL APPLICATIONS – ACETAL ADJUSTABLE AIRMOVERS



FOOD - CAN OR BOTTLE DRYING

Model AA40A acetal airmovers drying all types of products at various stages of production, i.e. after sterilising, prior to ink jet marking or labelling.



PHARMACEUTICALS

AA75A airmover used to extract unfilled capsules as they pass on a conveyor.

BRAUER®

AA10A ACETAL ADJUSTABLE AIRMOVER

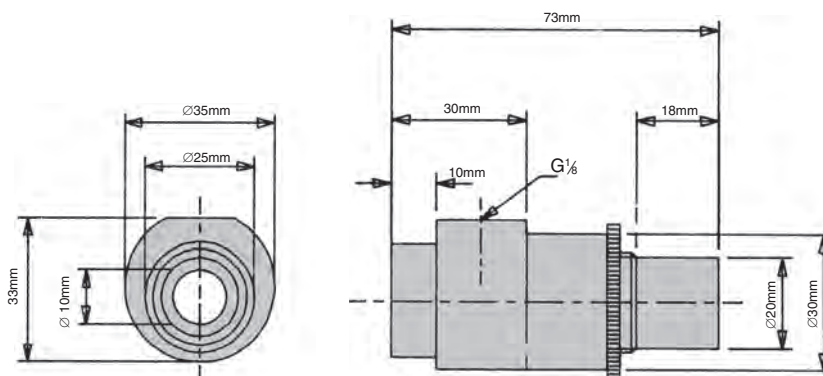

Material: Acetal Copolymer

Weight: 0.05Kg

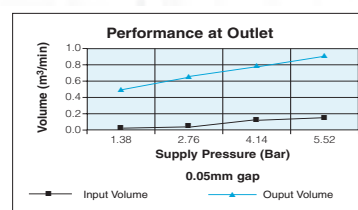
Standard Gap: Adjustable

dB(A) at: 5.5 bar is 72

Shims: Not applicable

Standard Inlet Thread: $G\frac{1}{8}$
Options: $\frac{1}{8}$ NPT
Please specify on order $\frac{1}{8}$ NPTF


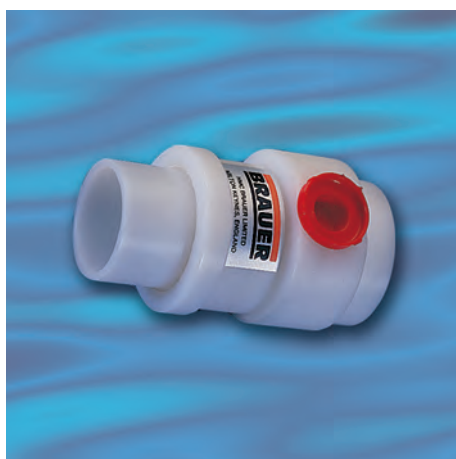
Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.048	0.490
2.76	0.065	0.660
4.14	0.125	0.733
5.52	0.164	0.886



PERFORMANCE DATA – DUCTED

METRIC		Back Pressure (mm water gauge) and guide to equivalent pipe length									
		125mm water gauge		250mm water gauge		375mm water gauge		500mm water gauge		625mm water gauge	
Supply Pressure kg/cm ²	Vi m ³ /min	Vc m ³ /min	Equiv. Pipe length m	Vc m ³ /min	Equiv. Pipe length m	Vc m ³ /min	Equiv. Pipe length m	Vc m ³ /min	Equiv. Pipe length m	Vc m ³ /min	Equiv. Pipe length m
2	.060	.26	7	.13	50						
3	.070	.47	2	.31	9	20	37				
4	.115	.64	1	.51	3	36	10	.33	15	.13	—
5	.150	.76	1	.65	2	54	4	.51	6	.37	14
6	.180	.87	0.5	.78	2	72	3	.64	4	.58	6

AA20A ACETAL ADJUSTABLE AIRMOVER

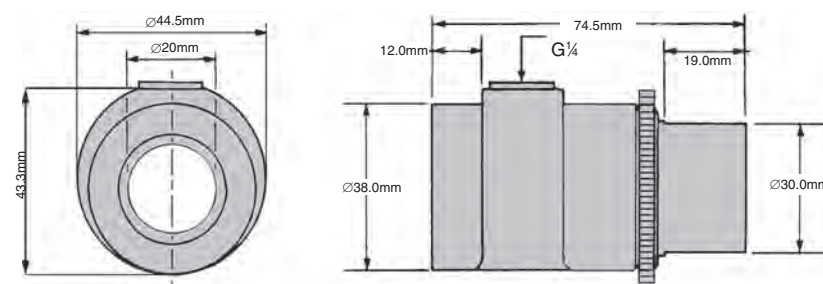

Material: Acetal Copolymer

Weight: 0.08Kg

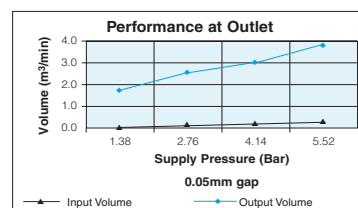
Standard Gap: Adjustable

dB(A) at: 5.5 bar is 78

Shims: Not applicable

Standard Inlet Thread: $G\frac{1}{4}$
Options: $\frac{1}{4}$ NPT
Please specify on order $\frac{1}{4}$ NPTF


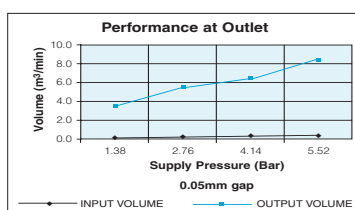
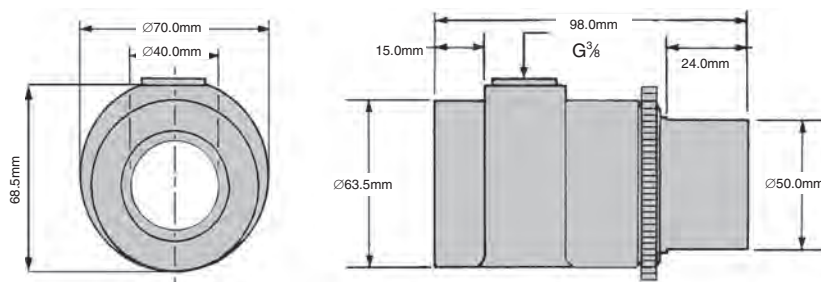
Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.105	1.614
2.76	0.164	2.492
4.14	0.224	3.030
5.52	0.286	3.681



PERFORMANCE DATA – DUCTED

PERFORMANCE DATA - BOYD											
METRIC	Back Pressure (mm water gauge) and guide to equivalent pipe length										
	50mm water gauge		100mm water gauge		150mm water gauge		200mm water gauge		250mm water gauge		
Supply Pressure kg/cm ²	Vi m ³ /min	Vc m ³ /min	Equiv. Pipe length m	Vi m ³ /min	Equiv. Pipe length m	Vi m ³ /min	Equiv. Pipe length m	Vi m ³ /min	Equiv. Pipe length m	Vi m ³ /min	Equiv. Pipe length m
2	.125	.91	2.0	.59	9	.42	27				
3	.170	1.42	0.8	1.03	3	.85	7	.62	18		
4	.210	1.90	0.4	1.46	2	1.25	3	1.05	6	.74	16
5	.265	2.55	0.3	1.98	1	1.70	2	1.51	3	1.22	6
6	.295	3.45	0.2	2.75	0.5	2.18	1	2.04	2	1.78	6

ACETAL ADJUSTABLE AIRMOVER AA40A



Bar	Vol in m³/min	Vol out m³/min
1.38	0.207	3.256
2.76	0.323	5.182
4.14	0.439	6.513
5.52	0.555	8.297



Material: Acetal Copolymer

Weight: 0.20Kg

Standard Gap: Adjustable

dB(A) at: 5.5 bar is 80

Shims: Not applicable

Standard Inlet Thread: G $\frac{3}{8}$

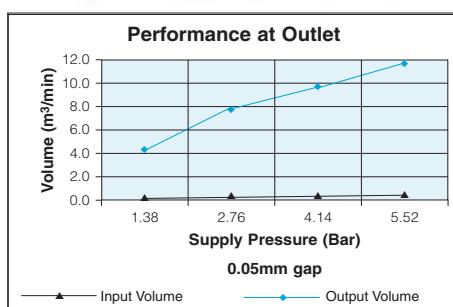
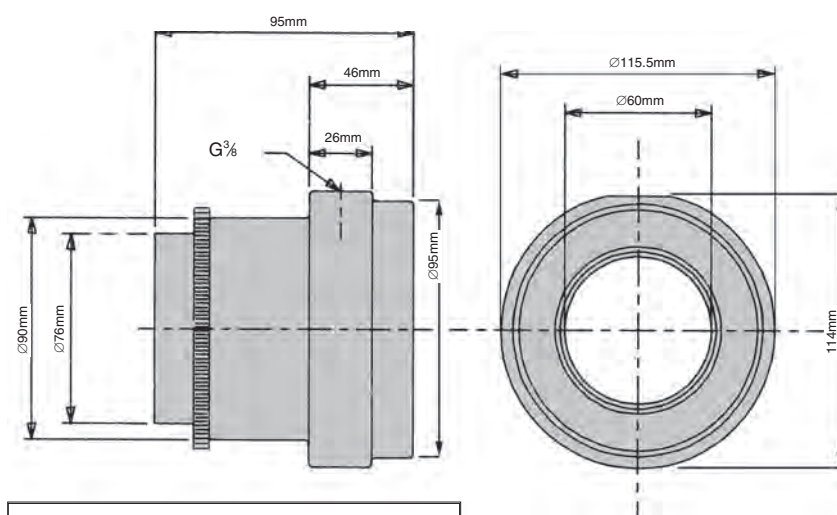
Options: $\frac{3}{8}$ " NPT

Please specify on order $\frac{3}{8}$ " NPTF

PERFORMANCE DATA – DUCTED

METRIC	Back Pressure (mm water gauge) and guide to equivalent pipe length									
	50mm water gauge	100mm water gauge	150mm water gauge	200mm water gauge	250mm water gauge					
Supply Pressure kg/cm²	VI m³/min	Vc m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min	Equiv. Pipe length m	Vo m³/min
2	.26	1.22	10	1.00	29					
3	.36	1.97	4	1.44	14	1.16	34			
4	.42	2.88	2	2.20	6	1.75	15	1.00	58	
5	.50	4.14	1	3.08	3	2.49	7	1.80	18	1.33
6	.58	5.41	0.6	4.25	2	3.20	5	2.63	9	2.20
										43
										15

ACETAL ADJUSTABLE AIRMOVER AA60A



Bar	Vol in m³/min	Vol out m³/min
1.38	0.280	4.191
2.76	0.476	7.561
4.14	0.654	9.231
5.52	0.841	11.327



Material: Acetal Copolymer

Weight: 0.73Kg

Standard Gap: Adjustable

dB(A) at: 5.5 bar is 80

Shims: Not applicable

Standard Inlet Thread: G $\frac{3}{8}$

Options: $\frac{3}{8}$ " NPT

Please specify on order $\frac{3}{8}$ " NPTF

BRAUER®

AA75A ACETAL ADJUSTABLE AIRMOVER



Material: Acetal Copolymer

Weight: 0.82Kg

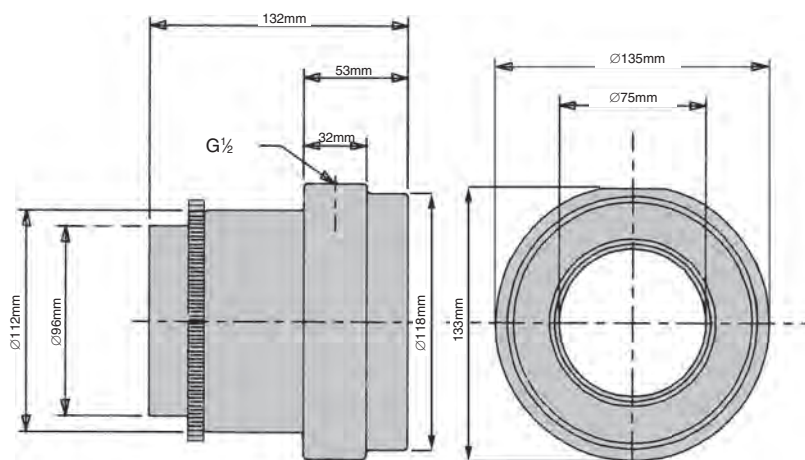
Standard Gap: Adjustable

dB(A) at: 5.5 bar is 81

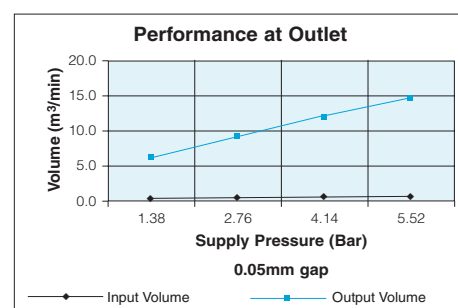
Shims: Not applicable

Standard Inlet Thread: $G\frac{1}{2}$

Options: $\frac{1}{2}$ " NPT
Please specify on order $\frac{1}{2}$ " NPTF



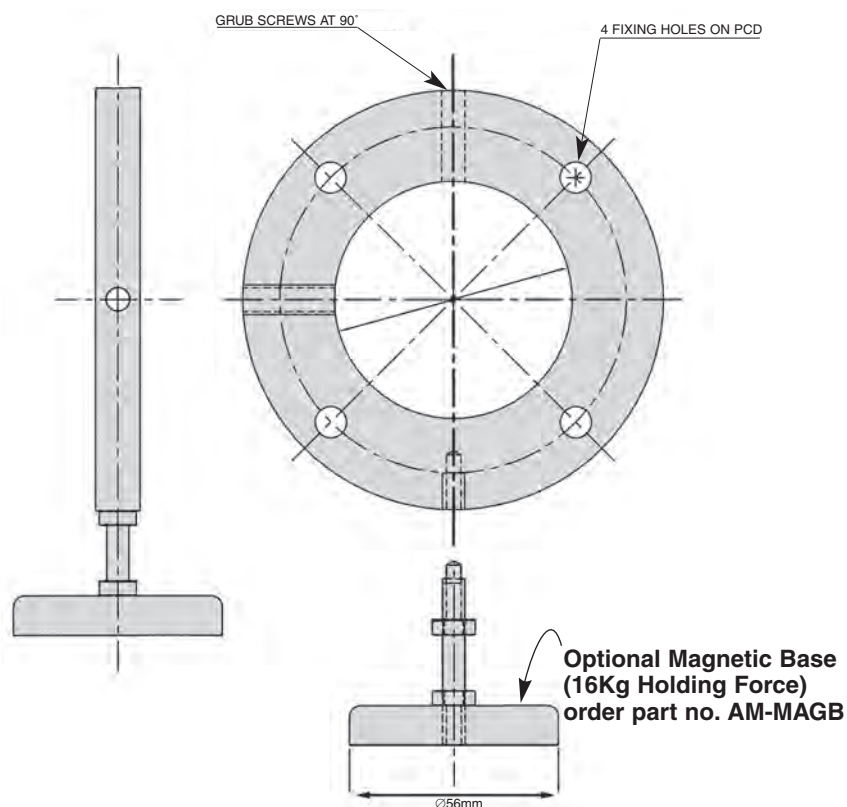
Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.425	6.230
2.76	0.651	9.203
4.14	0.906	12.035
5.52	1.133	14.866



MOUNTING RINGS FOR ADJUSTABLE AIRMOVERS AND COLD AIR GUNS

OPTIONAL MOUNTING RINGS

PART NUMBER	HOLE DIA. (mm)	HOLE PCD (mm)
MR 10 SS	6.5	54
MR 20 SS	6.5	65
MR 35 SS	8.5	90
MR 40 SS	8.5	94
MR 60 SS	8.5	135
MR 75 SS	8.5	155
MR 125 SS	10.5	225
MR CG4 SS	6.5	65



VAC PUMPS

The Ring-Vac™ Compressed Air Conveying System utilises compressed air for a powerful, efficient venturi action along its length in a compact design for high capacity conveying over large distances. Available in both anodised aluminum or stainless steel. Simply clamp a standard hose size to each end of the Ring-Vac™ Compressed Air Conveying System to create this high energy conveying system. No moving parts for maintenance free operation with capacity and flow controlled with a pressure regulator.

The Ring-Vac™ Compressed Air Conveying System is available in nominal sizes of 25mm, 32mm, 38mm and 51mm. Any size beyond that can be prohibitive for most applications due to high compressed air requirements. In addition, beyond 51mm, the vacuum ability begins to drop significantly except for highly intermittent applications. Larger size versions are available if required as well as special sizes.

Features

- The Ring-Vac™ Air Conveying System is made of an anodized aluminum body with no moving parts. Stainless steel models are available for high temperature and corrosive applications.
- Standard sizes to fit standard hose diameter for easy clamping.
- Utilising a pressure regulator will control the flow material.
- Instant ON/OFF with no moving parts, no electricity or explosion hazard.

Benefits

- Longer life in difficult environments than competitive models.
- Ease of use.
- Simple and easy control of material flow.
- Maintenance free operation.

SOME TYPICAL APPLICATIONS - VAC PUMPS

Automotive: Convey all sorts of items from ball bearings, screws, metal and plastic parts from machinery, moulding machines in manufacturing and in assembly operations.

Bottling: Loading and conveying caps in bottle filling lines.

Food: Convey caps, small items including food items from cheese bits to dried food. Fill or empty packaging material in shipping.

General Manufacturing: Convey all sorts of items from ball bearings, screws, metal and plastic parts. Replace costly blower systems, especially in intermittent applications.

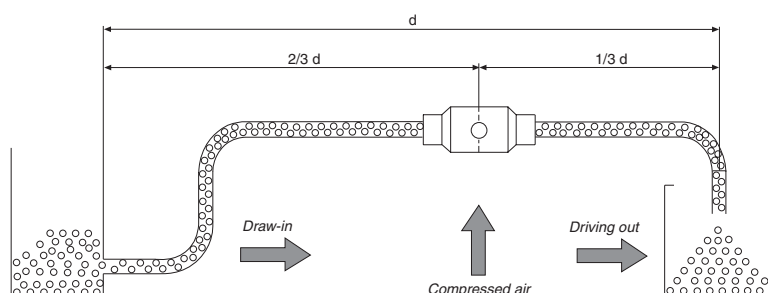
Paper: Trim removal in paper production.

Plastic: Trim removal in converting applications.

Printing: Waste trim removal in printing applications.

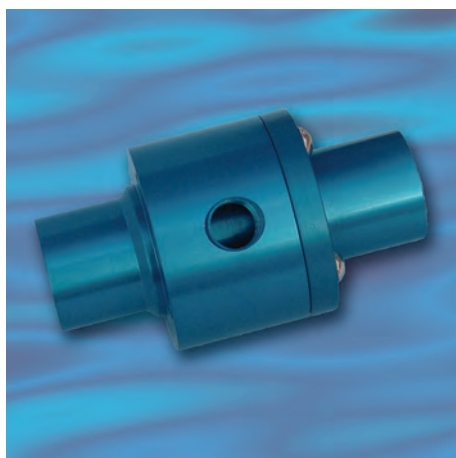
Pharmaceutical: Convey pills, capsules, and tablets.

Textile: Thread conveying.



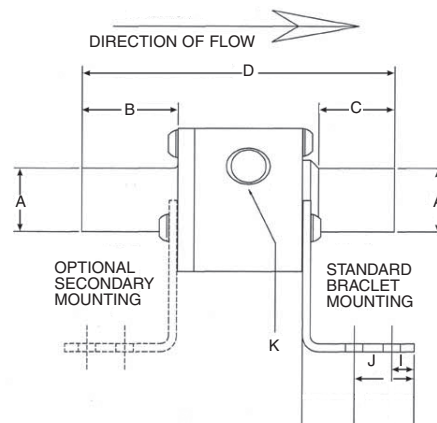
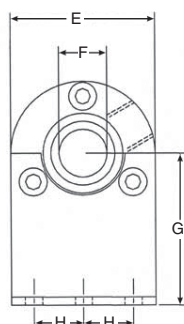
BRAUER®

ALUMINIUM RING VAC

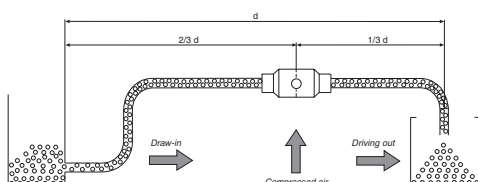


Material: Anodised aluminium

Option: available in NPT or NPTF
please specify on order



MODEL	Weight	Vacuum KPa	Air Consumption m³/min
RV1AL	0.28Kg	-11	0.43
RV2AL	0.31Kg	-8	0.74
RV3AL	0.39Kg	-7	0.94
RV4AL	0.48Kg	-6.5	1.28
RV5AL	0.68Kg	-6	1.66
RV6AL	0.79Kg	-4	1.99



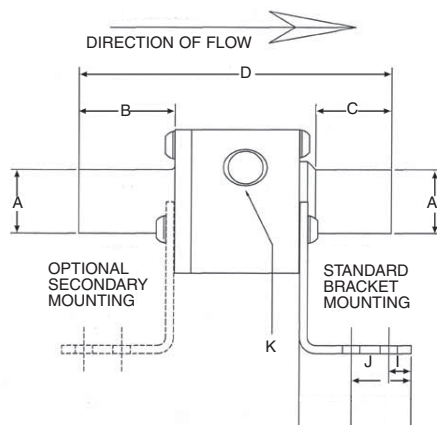
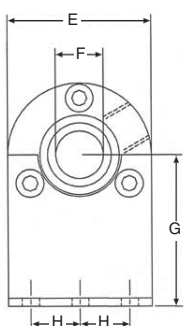
Part No.	A	B	C	D	E	F	G	H	I	J	K
RV1AL	25.4	35.1	31.8	127	57.2	19.1	60.3	19.7	9.5	23.8	G ¹ / ₄
RV2AL	31.8	35.1	31.8	127	63.5	25.4	60.3	19.7	9.5	23.8	G ¹ / ₄
RV3AL	38.1	35.1	38.1	127	69.9	38.1	60.3	19.7	9.5	23.8	G ³ / ₈
RV4AL	50.8	35.1	38.1	127	82.5	44.4	60.3	19.7	9.5	23.8	G ³ / ₈
RV5AL	64	38.1	38.1	127	95	57.2	65	19.7	9.5	23.8	G ³ / ₈
RV6AL	76	38.1	38.1	140	108	69.9	70	19.7	9.5	23.8	G ¹ / ₂

STAINLESS STEEL RING VAC

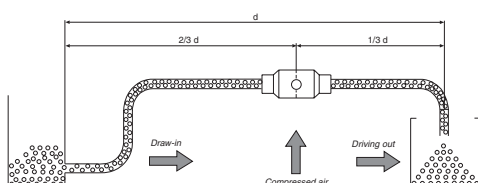


Material: Stainless Steel (Grade 304)

Option: available in NPT or NPTF
please specify on order



MODEL	Weight	Vacuum KPa	Air Consumption m³/min
RV1SS	0.92Kg	-11	0.43
RV2SS	1.0Kg	-8	0.74
RV3SS	1.1Kg	-7	0.94
RV4SS	1.6Kg	-6.5	1.28



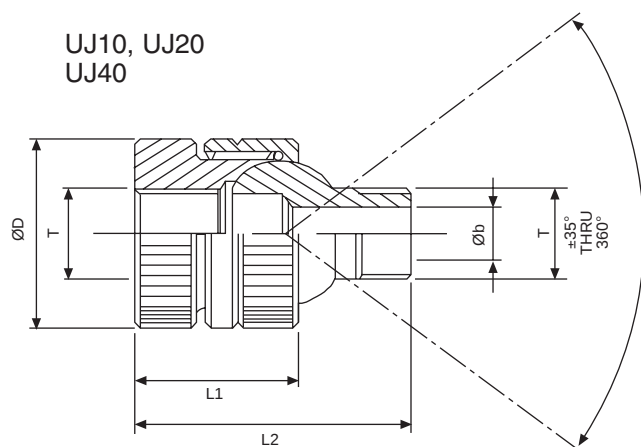
Part No.	A	B	C	D	E	F	G	H	I	J	K
RV1SS	25.4	35.1	31.8	127	57.2	19.1	60.3	19.7	9.5	23.8	G ¹ / ₄
RV2SS	31.8	35.1	31.8	127	63.5	25.4	60.3	19.7	9.5	23.8	G ¹ / ₄
RV3SS	38.1	35.1	38.1	127	69.9	38.1	60.3	19.7	9.5	23.8	G ³ / ₈
RV4SS	50.8	35.1	38.1	127	82.5	44.4	60.3	19.7	9.5	23.8	G ³ / ₈

NEW

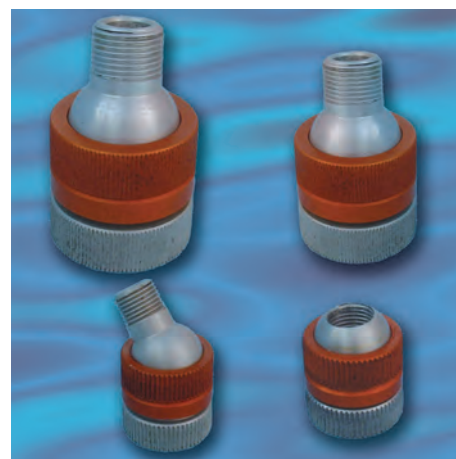
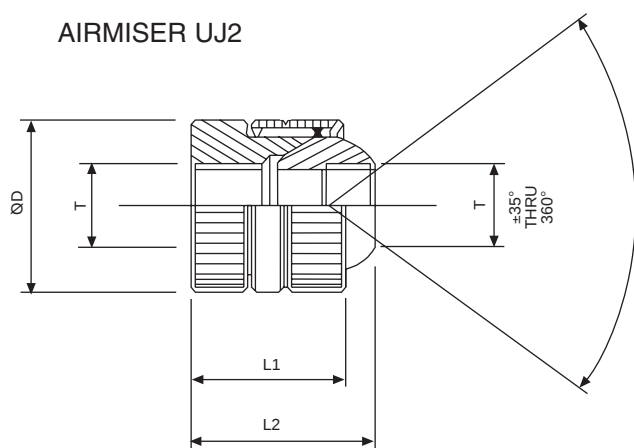
AIRMOVER UNIVERSAL CONNECTOR JOINTS

Brauer are pleased to advise details of a new range of Airmover and Airmiser Universal Joints. These new universal joints enable your customer to mount the Airmover at the exact angle required for optimum effect.

UJ10, UJ20
UJ40



AIRMISER UJ2



ITEM	Øb	T	ØD	L1	L2
UJ10	5	G $\frac{1}{8}$	20	19	34
UJ20	8	G $\frac{1}{4}$	28	25	45
UJ40	10	G $\frac{3}{8}$	35	32	55
UJ2	5	G $\frac{1}{4}$	20	19	23

Standard threads are G, for NPT threads add suffix 'N'

BRAUER®

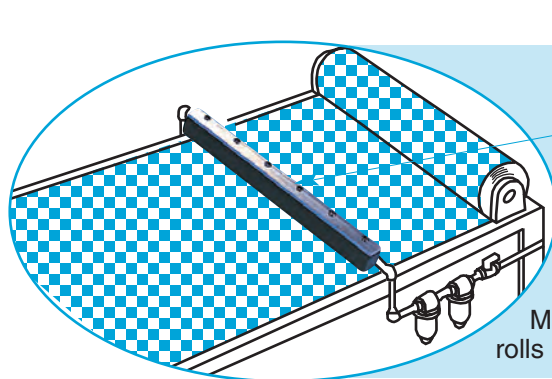
STRIP (AIR CURTAIN) AIRMOVERS

The Brauer strip airmover produces a curtain of air along the length of the application. The strip airmover uses the same Coanda effect utilised in our other air amplifiers. Again there are no moving parts, with compressed air from a local production line source being used to amplify and entrain surrounding air. Output volumes almost twenty times higher than those at the input can be achieved.

Many tooling engineers use drilled or slotted lengths of piping in an attempt to flute air over the required area. But these techniques are highly inefficient in their use of expensive compressed air. Using the built in effectiveness of the strip airmover, significant compressed air savings can be achieved with short investment paybacks. Noise levels will also be reduced.

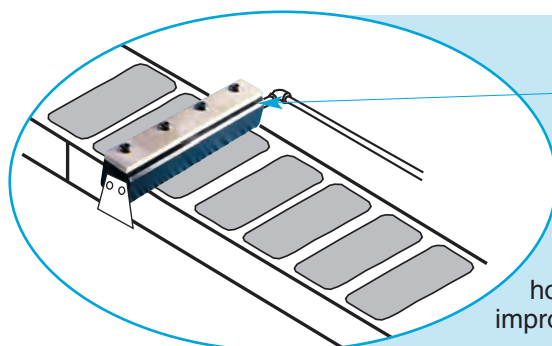
Our strip airmovers are also offered in stainless steel and can be manufactured in **any** length additionally a combination of our standard sizes will provide suitable usable lengths.

SOME TYPICAL APPLICATIONS – STRIP AIRMOVERS



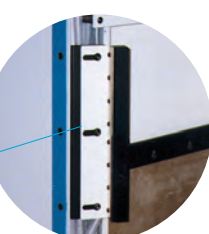
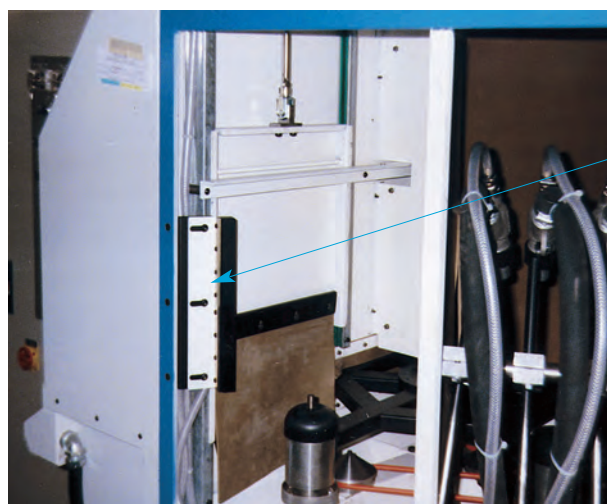
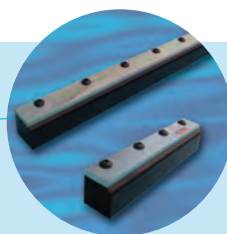
TEXTILES

Model SE600 strip airmovers are ideal for cleaning and drying large rolls of cloth.



LABEL PRINTING

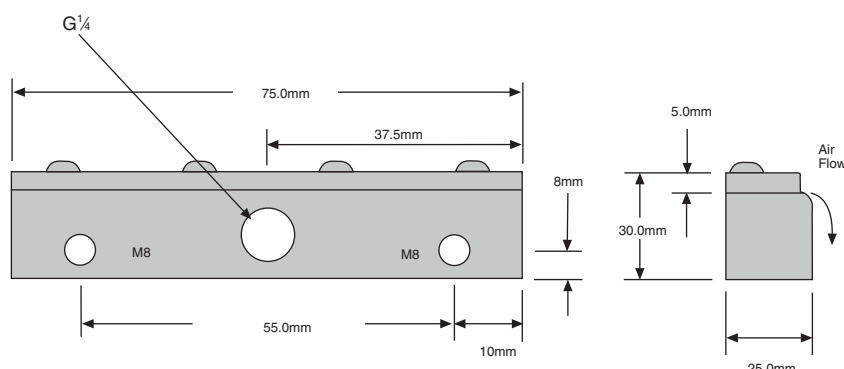
A model SE150 Strip Airmover cools the label adhesive and holds down the end of the labels until they reach the rollers, thus improving quality and reducing damage.



PROTECTION OF ELECTRICS

SE300 strip airmover used on shot blast equipment to prevent dust getting near electrics

ALUMINIUM STRIP AIRMOVER SE75



Material: Aluminium/Zinc plated steel

Weight: 0.16Kg

Standard Gap: 0.05-0.10mm

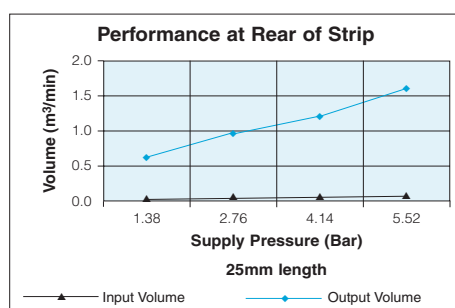
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

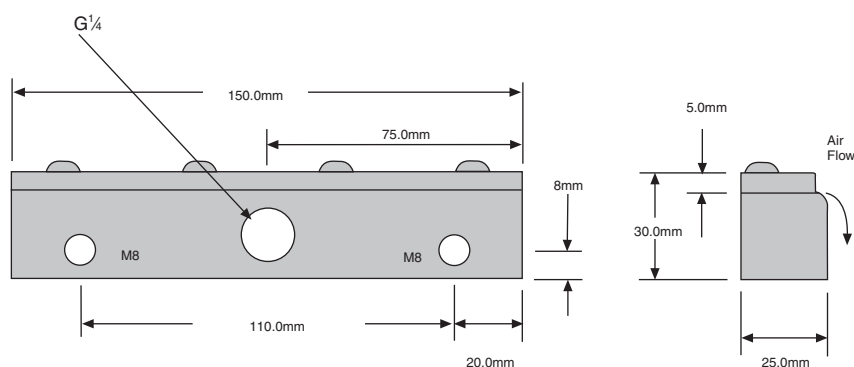
Please specify on order $\frac{1}{4}$ " NPTF



Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length

ALUMINIUM STRIP AIRMOVER SE150



Material: Aluminium/Zinc plated steel

Weight: 0.324Kg

Standard Gap: 0.05-0.10mm

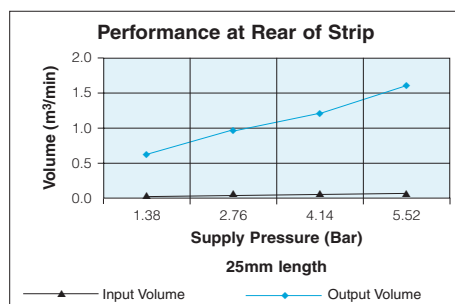
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

Please specify on order $\frac{1}{4}$ " NPTF

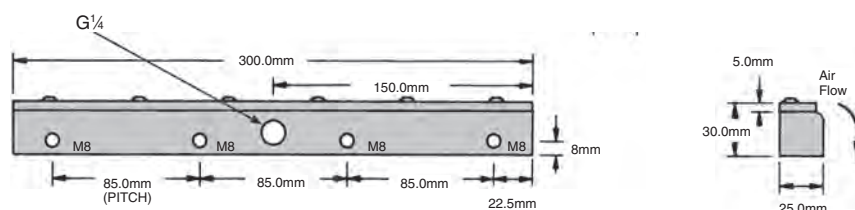


Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length

BRAUER®

SE300 ALUMINIUM STRIP AIRMOVER



Material: Aluminium/Zinc plated steel

Weight: 0.7Kg

Standard Gap: 0.05-0.10mm

dB(A) at: 5.5 bar is 80

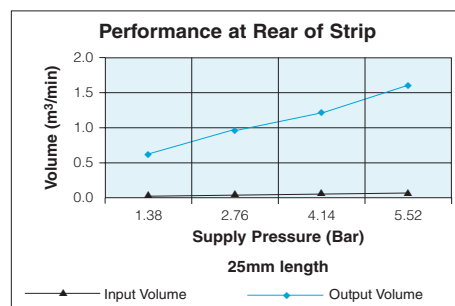
Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

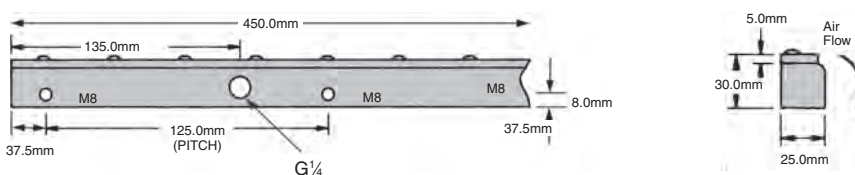
Options: $\frac{1}{4}$ " NPT
Please specify on order $\frac{1}{4}$ " NPTF

Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length



SE450 ALUMINIUM STRIP AIRMOVER



Material: Aluminium/Zinc plated steel.

Weight: 1.0Kg

Standard Gap: 0.05-0.10mm

dB(A) at: 5.5 bar is 80

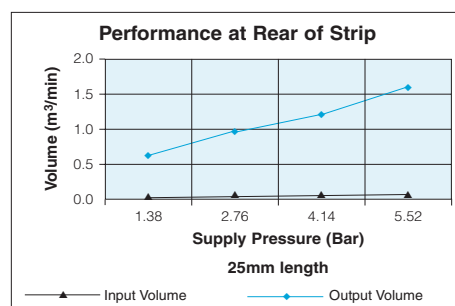
Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

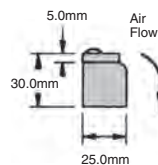
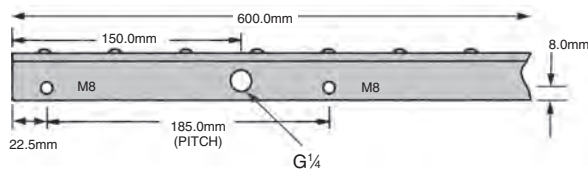
Options: $\frac{1}{4}$ " NPT
Please specify on order $\frac{1}{4}$ " NPTF

Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length



ALUMINIUM STRIP AIRMOVER SE600



Material: Aluminium/Zinc plated steel.

Weight: 1.35Kg

Standard Gap: 0.05-0.10mm

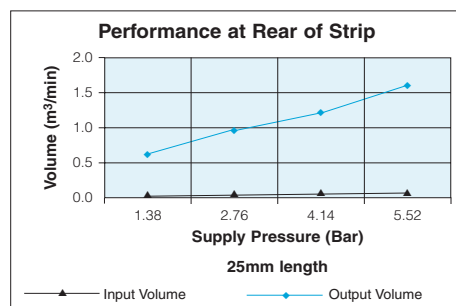
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

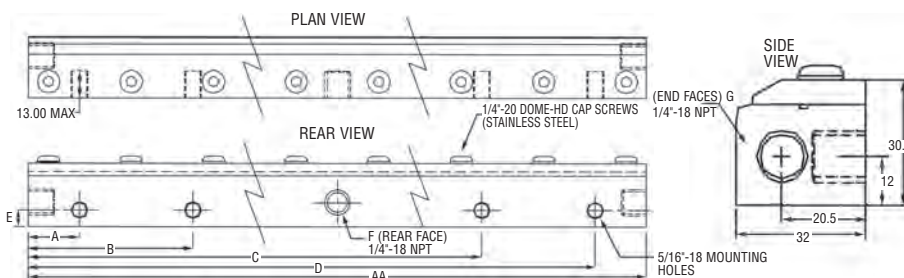
Please specify on order $\frac{1}{4}$ " NPTF



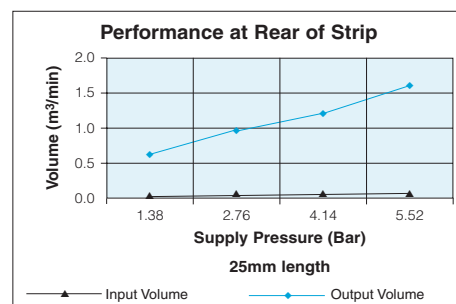
Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length

ALUMINIUM STRIP AIRMOVER SE750

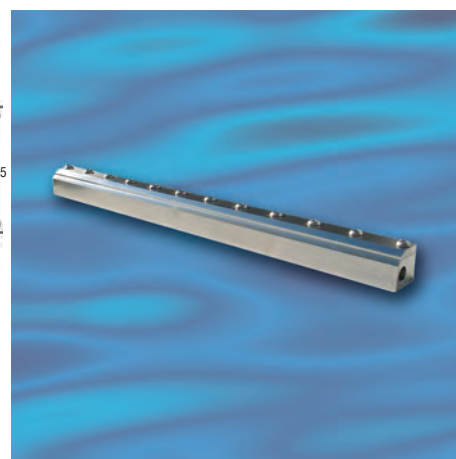


PART NO. (Stainless Steel)	AA	A	B	C	D	E	F # of Rear Inlets	G # of Side Inlets
Model SE750	30" 761mm	1.4" 35mm	8.9" 227mm	19.1" 485mm	28.6" 727mm	0.3" 8mm	2	2



Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length



Material: Aluminium/Zinc plated steel.

Weight: 3.6Kg

Standard Gap: 0.05-0.10mm

dB(A) at: 5.5 bar is 80

Shims: Not Applicable

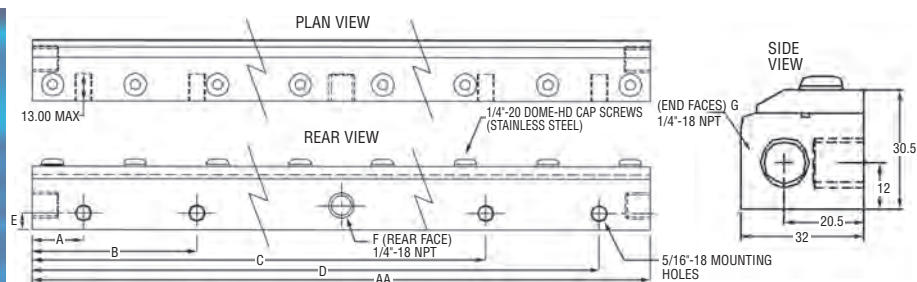
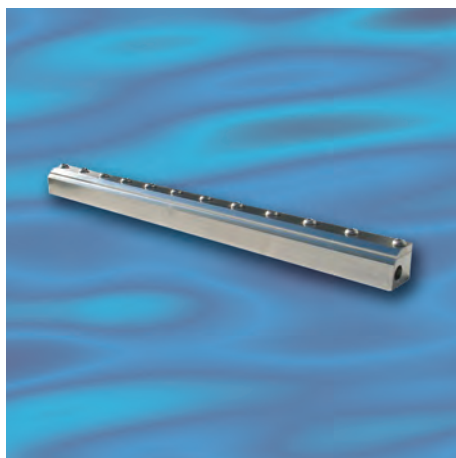
Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

Please specify on order $\frac{1}{4}$ " NPTF



SE900 ALUMINIUM STRIP AIRMOVER



PART NO. (Stainless Steel)	AA	A	B	C	D	E	F # of Rear Inlets	G # of Side Inlets
Model SE900	36" 914mm	1.4" 35mm	10.9" 277mm	26.9" 683.5mm	34.6" 879mm	0.3" 8mm	2	2

Material: Aluminium/Zinc.

Weight: 4.3Kg

Standard Gap: 0.05-0.10mm

dB(A) at: 5.5 bar is 80

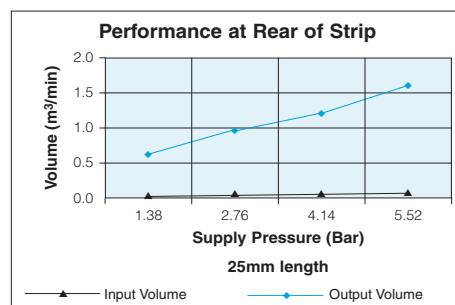
Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

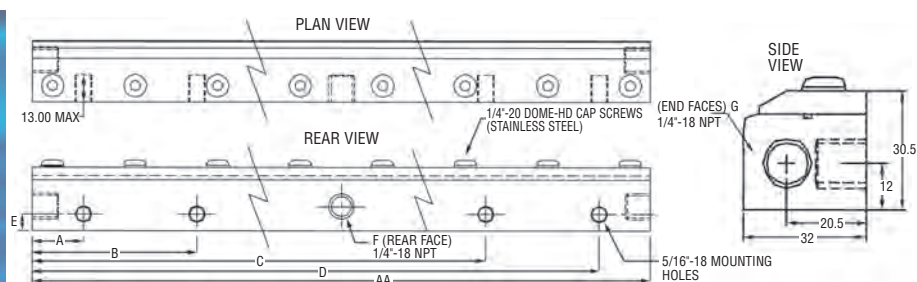
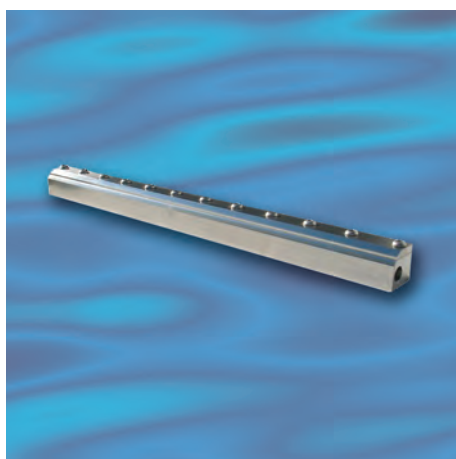
Options: $\frac{1}{4}$ " NPT
Please specify on order $\frac{1}{4}$ " NPTF

Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length



SE75SS STAINLESS STEEL STRIP AIRMOVER



PART NO. (Stainless Steel)	AA	A	B	C	D	E	F # of Rear Inlets	G # of Side Inlets
Model SE75SS	3" 76mm	0.6" 16mm	-	-	2.4" 60mm	0.3" 8mm	1	2

Material: Stainless Steel (Grade 304)

Weight: 0.37

Standard Gap: 0.05-0.10mm

dB(A) at: 5.5 bar is 80

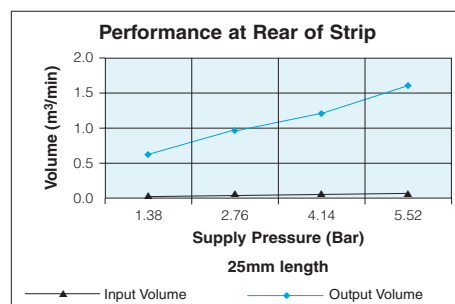
Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

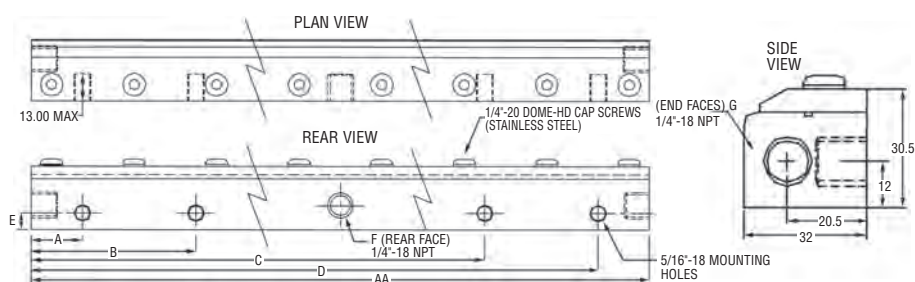
Options: $\frac{1}{4}$ " NPT
Please specify on order $\frac{1}{4}$ " NPTF

Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

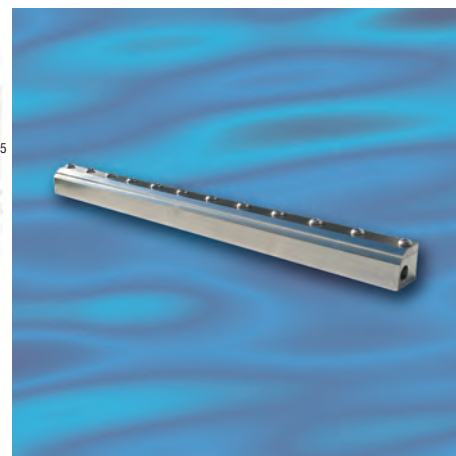
per 25mm length



STAINLESS STEEL STRIP AIRMOVER SE150SS



PART NO. (Stainless Steel)	AA	A	B	C	D	E	# of Rear Inlets	# of Side Inlets
Model SE150SS	6" 150mm	1.2" 30mm	-	-	4.7" 120mm	0.3" 8mm	1	2



Material: Stainless Steel (Grade 304)

Weight: 0.75Kg

Standard Gap: 0.05-0.10mm

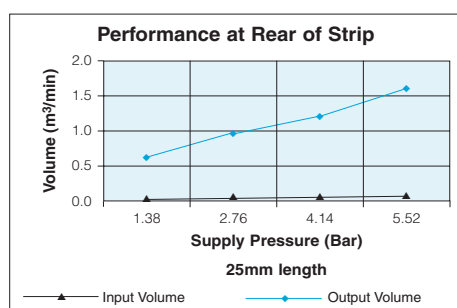
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

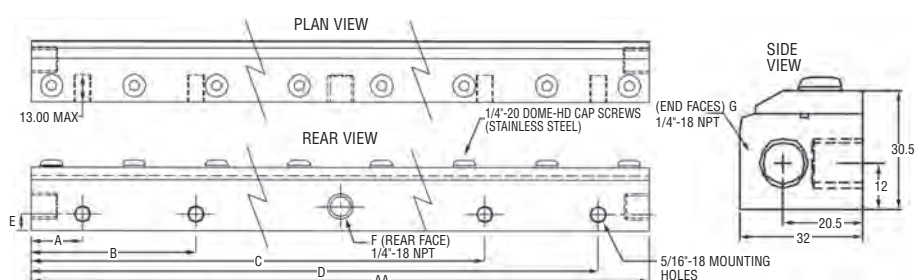
Please specify on order $\frac{1}{4}$ " NPTF



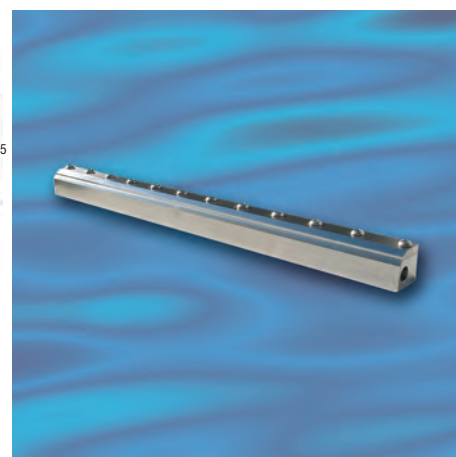
Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length

STAINLESS STEEL STRIP AIRMOVER SE300SS



PART NO. (Stainless Steel)	AA	A	B	C	D	E	# of Rear Inlets	# of Side Inlets
Model SE300SS	12" 300mm	1.0" 25mm	3.1" 8.0mm	8.7" 220mm	10.8" 275mm	0.3" 8mm	1	2



Material: Stainless Steel (Grade 304)

Weight: 1.52Kg

Standard Gap: 0.05-0.10mm

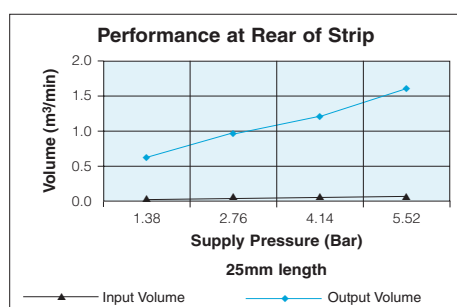
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

Please specify on order $\frac{1}{4}$ " NPTF

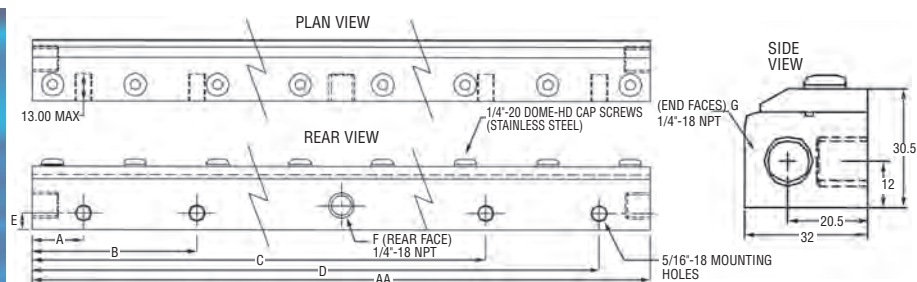
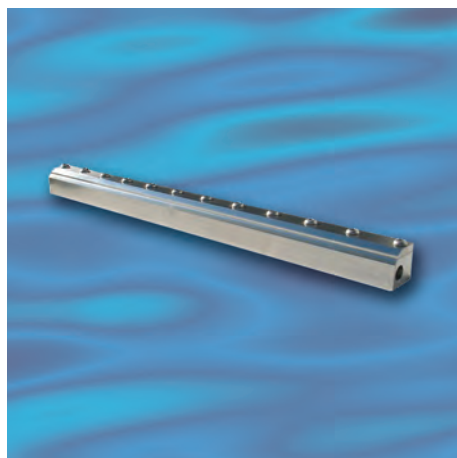


Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length

BRAUER®

SE450SS STAINLESS STEEL STRIP AIRMOVER



PART NO. (Stainless Steel)	AA	A	B	C	D	E	# of Rear Inlets	# of Side Inlets
Model SE450SS	18" 457mm	1.3" 33.5mm	5.8" 148.5mm	12.1" 308.5mm	16.7" 423.5mm	0.3" 8mm	2	2

Material: Stainless Steel (Grade 304)

Weight: 2.3Kg

Standard Gap: 0.05-0.10mm

dB(A) at: 5.5 bar is 80

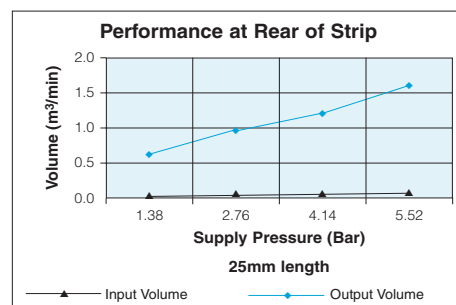
Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

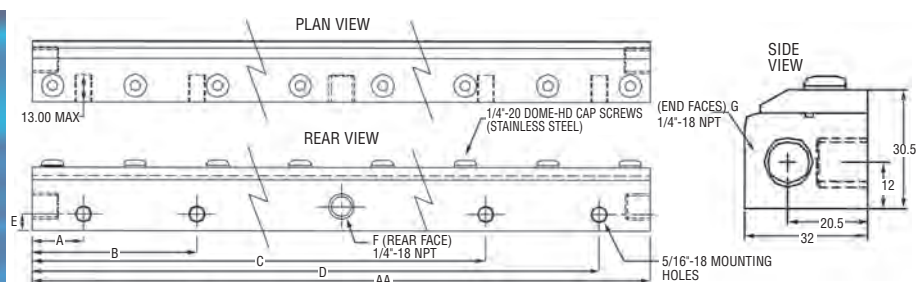
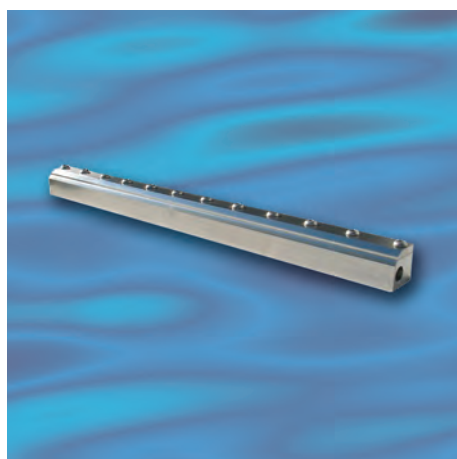
Options: $\frac{1}{4}$ " NPT
Please specify on order $\frac{1}{4}$ " NPTF

Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length



SE600SS STAINLESS STEEL STRIP AIRMOVER



PART NO. (Stainless Steel)	AA	A	B	C	D	E	# of Rear Inlets	# of Side Inlets
Model SE600SS	24" 609.5mm	1.3" 33.5mm	8.9" 225mm	15.2" 385mm	16.7" 423.5mm	0.3" 8mm	2	2

Material: Stainless Steel (Grade 304)

Weight: 3.0Kg

Standard Gap: 0.05-0.10mm

dB(A) at: 5.5 bar is 80

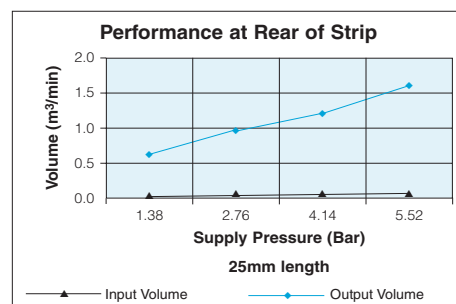
Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

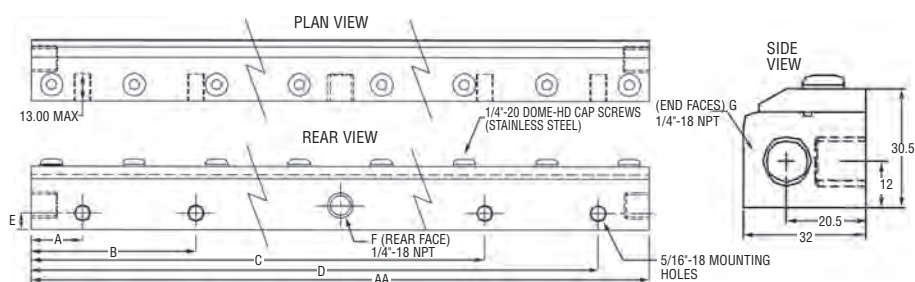
Options: $\frac{1}{4}$ " NPT
Please specify on order $\frac{1}{4}$ " NPTF

Bar	Vol in m ³ /min	Vol out m ³ /min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

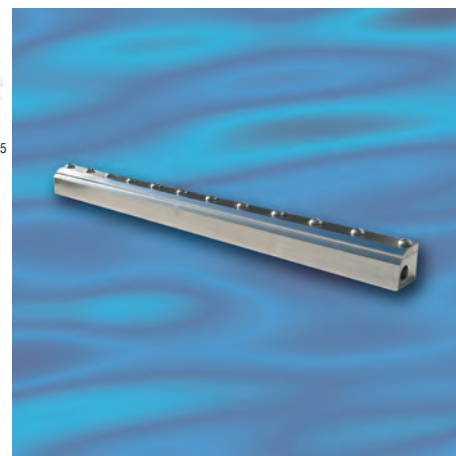
per 25mm length



STAINLESS STEEL STRIP AIRMOVER SE750SS



PART NO. (Stainless Steel)	AA	A	B	C	D	E	F # of Rear Inlets	G # of Side Inlets
Model SE750SS	30" 761mm	1.4" 35mm	8.9" 227mm	19.1" 485mm	28.6" 727mm	0.3" 8mm	2	2



Material: Stainless Steel (Grade 304)

Weight: 9.0Kg

Standard Gap: 0.05-0.10mm

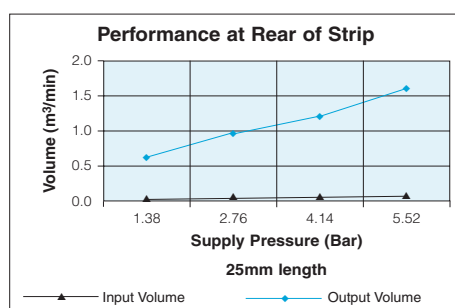
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

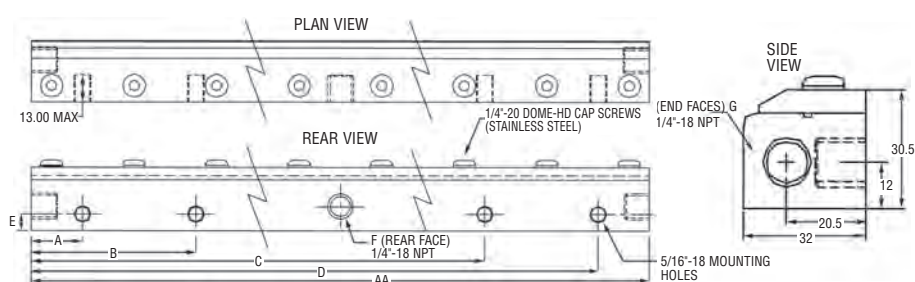
Please specify on order $\frac{1}{4}$ " NPTF



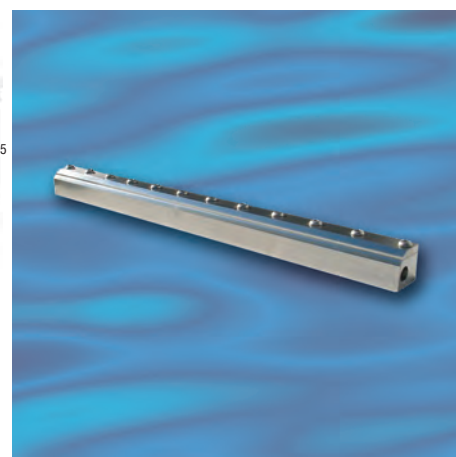
Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

per 25mm length

STAINLESS STEEL STRIP AIRMOVER SE900SS



PART NO. (Stainless Steel)	AA	A	B	C	D	E	F # of Rear Inlets	G # of Side Inlets
Model SE900SS	36" 914mm	1.4" 35mm	10.9" 277mm	26.9" 683.5mm	34.6" 879mm	0.3" 8mm	2	2



Material: Stainless Steel (Grade 304)

Weight: 10.7Kg

Standard Gap: 0.05-0.10mm

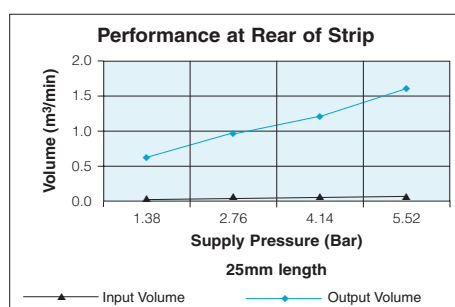
dB(A) at: 5.5 bar is 80

Shims: Not Applicable

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

Please specify on order $\frac{1}{4}$ " NPTF



Bar	Vol in m³/min	Vol out m³/min
1.38	0.034	0.651
2.76	0.054	0.963
4.14	0.074	1.218
5.52	0.093	1.642

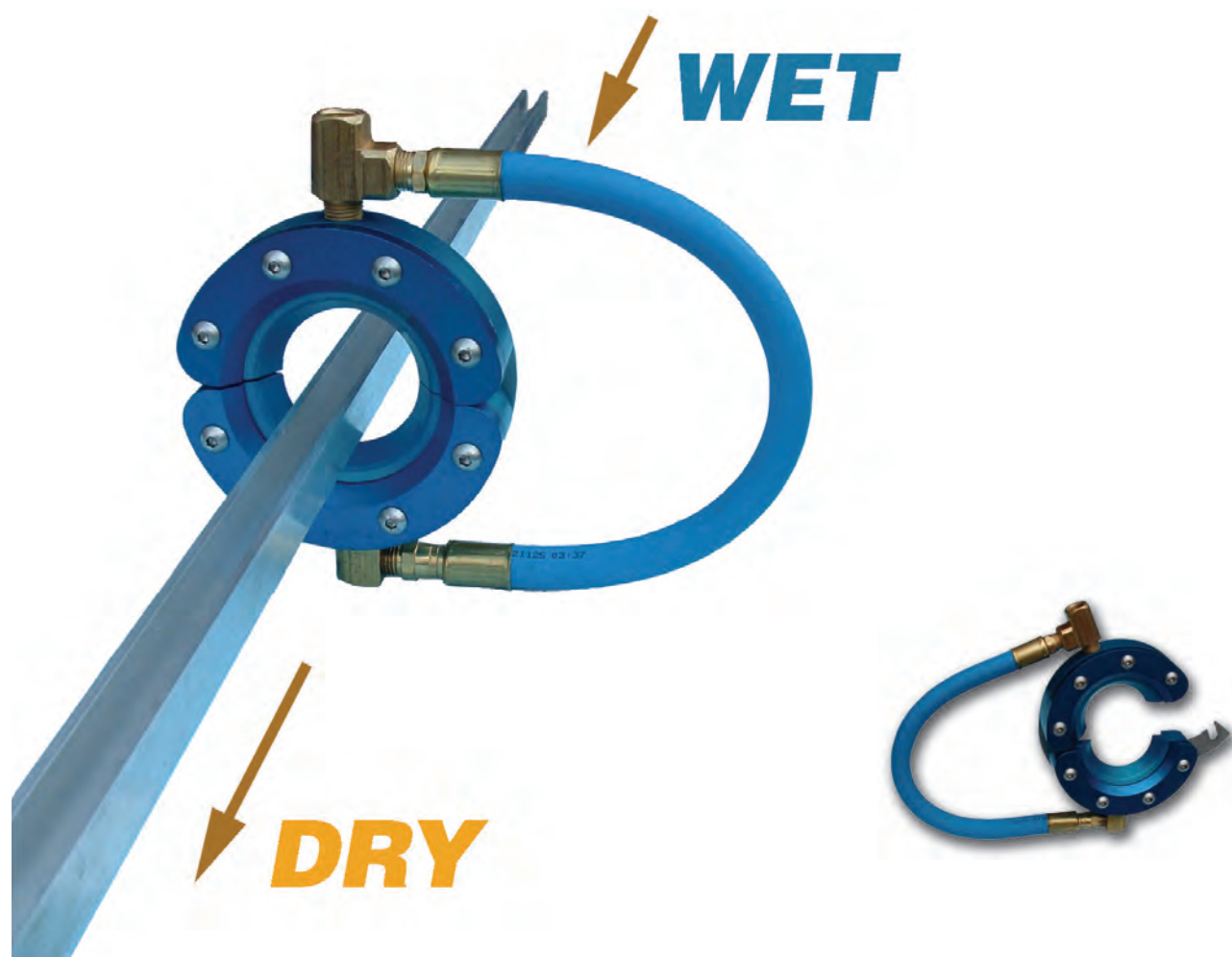
per 25mm length

BRAUER®

RING BLADE AIR WIPE SYSTEM

The Ring-Blade™ has the advantage of being able to be opened at a single hinge point to close around any continuous length workpiece. The Ring-Blade™ Air Wipe System produces a "laminar" flow of air along its 360° angle using the "Coanda" effect which "entrains" a large volume of air from the surrounding area along with the small amount of compressed air from the Ring-Blade™ Air Wipe System air-saver wiper-blade to produce an output flow up to 30 times the input.

Pay back on compressed air savings can be as soon as a few weeks in some applications when compared to nozzle "rings" or simple annular slots used by other air wiping systems.



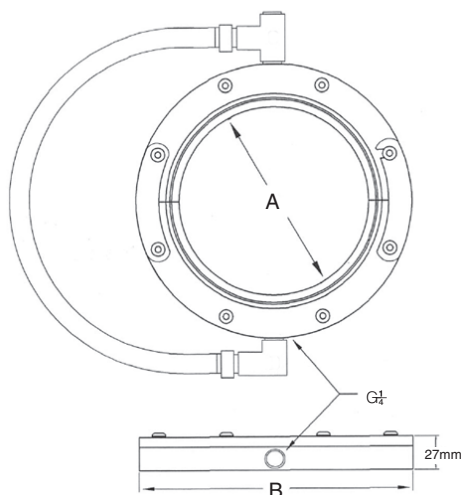
Features

- The Ring-Blade™ Air Wipe System is made from aluminum and stainless steel to provide even air flow 360° around the workpiece.
- Designed as two pieces hinged together to open and close around the part.
- Utilises the "Coanda" effect to amplify air flow.
- Instant on-off with no moving parts, no electricity or explosion hazard.

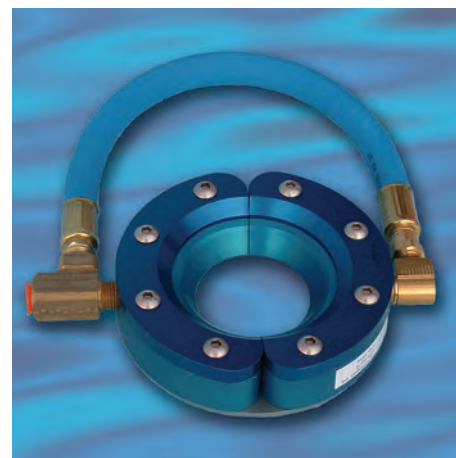
Benefits

- Reduced compressed air use for energy savings plus lower noise levels.
- Maintenance free with output easily controlled, safe to use.
- Easy to install and maintain and allows removal of a continuous piece.
- Even blow off around the workpiece, light in weight and compact.

RING BLADE AIR WIPE SYSTEM



**ALUMINIUM RING
BLADE WITH
STANDARD
AIR HOSE**



Material: Aluminium.

Standard Gap: 0.05mm

dB(A) at: 5.5 bar is 80

Shims: 0.10mm optional extra

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT

Please specify on order $\frac{1}{4}$ " NPTF

PART NO.	A	B	Description	Weight
RB1AL	25mm	57mm	Aluminium Ring Blade	0.20Kg
RB2AL	52mm	120mm	Aluminium Ring Blade	0.35Kg
RB3AL	77mm	146mm	Aluminium Ring Blade	0.60Kg
RB4AL	103mm	171mm	Aluminium Ring Blade	0.70Kg

INLET PRESSURE BAR	Air Consumption in SCFM with standard 0.05mm gap					Air Consumption in SCFM with 0.10mm gap (shim added)				
DIA. A	25.4 mm	50.8 mm	76.2 mm	101.6 mm	152.4 mm	25.4 mm	50.8 mm	76.2 mm	101.6 mm	152.4 mm
	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min
1 BAR	0.34	0.45	0.57	0.68	0.88	0.65	0.85	0.85	1.28	1.70
2 BAR	0.51	0.68	0.85	1.02	1.36	1.02	1.36	1.70	2.04	2.55
3 BAR	0.71	0.94	1.16	1.39	1.84	1.67	2.21	2.78	3.32	4.42
4 BAR	0.88	1.16	1.45	1.73	2.32	1.73	2.30	2.86	3.43	4.56
5 BAR	1.05	1.39	1.76	2.10	2.78	2.21	2.75	3.46	4.42	5.50
6 BAR	1.22	1.64	2.04	2.44	3.26	2.24	3.23	4.05	4.85	6.46

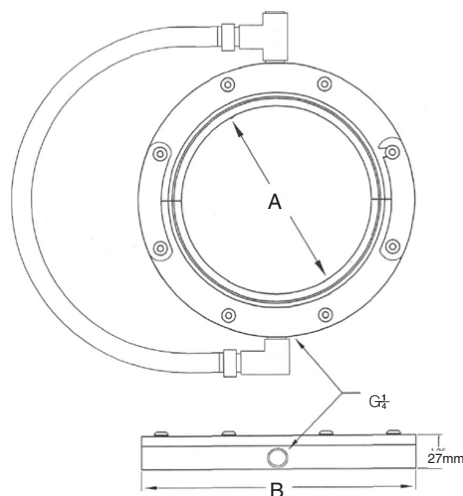
Based on an amplification ratio of 30:1 air flow output would be 30 times the above.



RING BLADE AIR WIPE SYSTEM



**HIGH TEMPERATURE
ALUMINIUM RING
BLADE WITH
STAINLESS STEEL
HOSE TO (205°C)**



Material: Aluminium & Stainless Steel.

Standard Gap: 0.05mm

dB(A) at: 5.5 bar is 80

Shims: 0.10mm optional extra

Standard Inlet Threads: G $\frac{1}{4}$

Options: $\frac{1}{4}$ " NPT
Please specify on order $\frac{1}{4}$ " NPTF

PART NO.	A	B	Description	Weight
RB1ALX	25mm	57mm	Aluminium Ring Blade	0.20Kg
RB2ALX	52mm	120mm	Aluminium Ring Blade	0.35Kg
RB3ALX	77mm	146mm	Aluminium Ring Blade	0.60Kg
RB4ALX	103mm	171mm	Aluminium Ring Blade	0.70Kg

INLET PRESSURE BAR	Air Consumption in SCFM with standard 0.05mm gap					Air Consumption in SCFM with 0.10mm gap (shim added)				
DIA. A	25.4 mm	50.8 mm	76.2 mm	101.6 mm	152.4 mm	25.4 mm	50.8 mm	76.2 mm	101.6 mm	152.4 mm
	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min	m³/min
1 BAR	0.34	0.45	0.57	0.68	0.88	0.65	0.85	0.85	1.28	1.70
2 BAR	0.51	0.68	0.85	1.02	1.36	1.02	1.36	1.70	2.04	2.55
3 BAR	0.71	0.94	1.16	1.39	1.84	1.67	2.21	2.78	3.32	4.42
4 BAR	0.88	1.16	1.45	1.73	2.32	1.73	2.30	2.86	3.43	4.56
5 BAR	1.05	1.39	1.76	2.10	2.78	2.21	2.75	3.46	4.42	5.50
6 BAR	1.22	1.64	2.04	2.44	3.26	2.24	3.23	4.05	4.85	6.46

Based on an amplification ratio of 30:1 air flow output would be 30 times the above.