

Ringjet Air Amplifiers

Just as powerful and far more efficient than conventional nozzles...

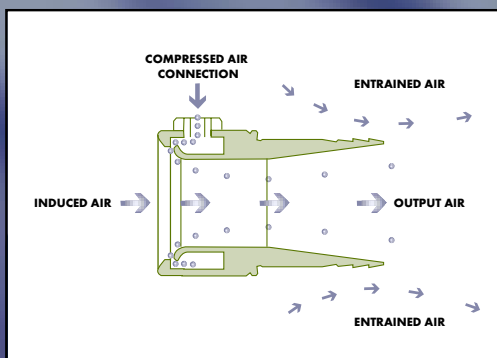


APPLICATIONS

COOLING Components
Mouldings
Extrusions
People
Components on Test

EXTRACTION Fumes
Water
Dust
Waste Material

DRYING Components
Printing
Material



HOW THE AIR AMPLIFIER WORKS



Ringjets Air Amplifiers are bladeless, motorless fans which can be used for cooling, extracting, drying and ventilating in process, food and manufacturing industries.

Using a small volume of compressed air as the power source, Ringjets utilise the "Coanda" effect to draw larger volumes of ambient air into the device to amplify the air flow by up to 25 times.

- No moving parts - means the Ringjet is maintenance free
- No electricity required - means they are safe to use in wet locations
- Adjustable flow control - using air gap and inlet pressure
- Energy efficient - means low running costs
- Low Cost
- Quiet Operation (less than 80 dB(A))

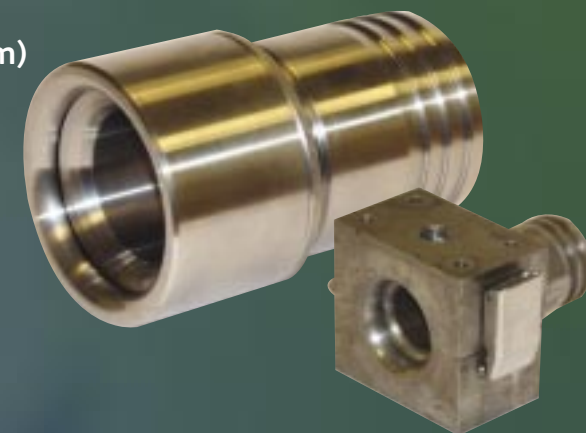
TECHNICAL INFORMATION - RINGJET AMPLIFIERS

PART NUMBER	THROAT DIAMETER		AIR INLET	AIR CONSUMPTION@4 BAR		OUTLET AIRFLOW		HOSE SIZE FOR DUCTING		DIAMETER		LENGTH		MATERIAL
	MM	INCHES	BSP	SLPM	SCFM	SLPM	SCFM	MM	INCHES	MM	INCHES	MM	INCHES	
BRJ12A	12	1/2"	1/8"	170	6	5,666	200	19	3/4"	25	1"	63	2-1/2"	Anodised Alloy
BRJ20A	20	3/4"	1/8"	283	10	6,800	240	32	1-1/4"	40	1-1/2"	63	2-1/2"	Anodised Alloy
BRJ25A	25	1"	1/4"	397	14	11,333	400	38	1-1/2"	50	2"	90	3-1/2"	Anodised Alloy
BRJ32A	32	1-1/4"	1/4"	455	16	12,742	450	45	1-3/4"	57	2-1/4"	95	3-3/4"	Anodised Alloy
BRJ40A	40	1-1/2"	1/4"	510	18	14,150	500	50	2"	63	2-1/2"	95	3-3/4"	Anodised Alloy
BRJ50A	50	2"	3/8"	962	34	20,666	730	76	3"	90	3-1/2"	135	5"	Anodised Alloy
BRJ75A	75	3"	1/2"	1416	50	33,333	1,178	100	4"	132	5"	165	6-1/2"	Anodised Alloy
BRJ12S/S	12	1/2"	1/8"	170	6	5,666	200	19	3/4"	25	1"	63	2-1/2"	Stainless Steel (316)
BRJ20S/S	20	3/4"	1/8"	283	10	6,800	240	32	1-1/4"	40	1-1/2"	63	2-1/2"	Stainless Steel (316)
BRJ25S/S	25	1"	1/4"	397	14	11,333	400	38	1-1/2"	50	2"	90	3-1/2"	Stainless Steel (316)
BRJ40S/S	40	1-1/2"	1/4"	510	18	14,150	500	50	2"	63	2-1/2"	95	3-3/4"	Stainless Steel (316)
BRJ50S/S	50	2"	3/8"	962	34	20,666	730	76	3"	90	3-1/2"	135	5"	Stainless Steel (316)

Standard Ringjets are manufactured in Anodised Alloy

Other options include;

- Larger sizes (up to 250mm)
- NPT Threads
- Stainless Steel
- PVC
- Hinged Ringjet



If you have special requirements, please call our technical support engineer who will be pleased to assist you.