



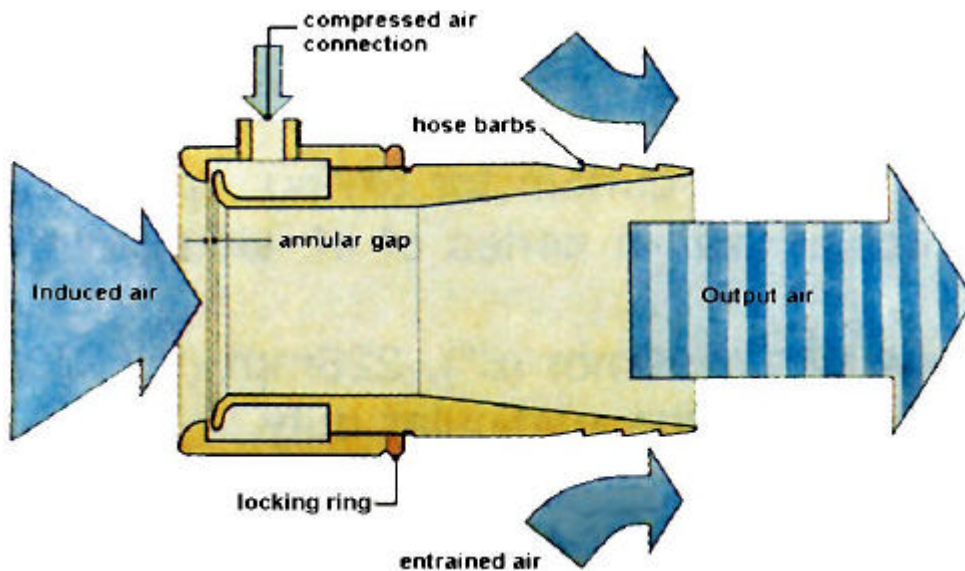
## Ring-Jets



Pneuvay Engineering's Ringjets utilize in-shop compressed air and employ a venture-type design which induces air to flow in through the throat.

Ringjets are 'blade-less', motorless with no moving parts- making them suitable for use hazardous areas. Ringjets are also flameproof and virtually maintenance free.

When employed as a blower, the total output of the Ringjet is many times greater than the inlet compressed air flow- typical volume ratios of total air flow to inlet air flow are in excess of 25:1. When used in extraction mode, the outlet may be fitted with a hose to convey fumes, dirt, water or small solid objects, either to waste or into a container. Induced air volume can exceed 50m/s.





Model	Throat Diameter		Outside Diameter		Overall Length		Air Inlet Thread	Inlet Air flow		Total Outlet Air		Hose Bore for Ducting Outlet	
	mm	in	mm	in	mm	in		m <sup>3</sup> /hr	cfm	m <sup>3</sup> /hr	cfm	mm	in
<b>RJ6</b>	6	1/4	25	1	63	2 1/2	R 1/8	6.8	4	221	130	19	3/4
<b>RJ12</b>	12	1/2	25	1	63	2 1/2	R 1/8	10.2	6	340	200	19	3/4
<b>RJ13</b>	12	1/2	25	1	63	2 1/2	R 1/9	10.2	6	340	200	19	3/4
<b>RJ25</b>	25	1	50	2	90	3 1/2	Rc 1/4	23.8	14	680	400	38	1 1/2
<b>RJ40</b>	40	1 1/2	63	2 1/2	95	3 3/4	Rc 1/4	30.6	18	849	500	50	2
<b>RJ50</b>	50	2	90	3 1/2	135	5 1/4	Rc 1/4	57.7	34	1240	730	76	3

## Typical Applications for Ringjets

### CONVEYING

- De-wrapping of small articles
- Use as a spray gun for flock spraying
- Removal of slugs and off cuts from press tools
- Hopper loading in pharmaceutical and plastic factories
- Conveying of small objects

### CLEANING

- Removal of welding or paint fumes
- Extracting swarf, dust and oil mist from tools
- Removal of paper dust and trim from machines or clothing

### DRYING

- Tin cans prior to filling
- Colour printed sheets
- Pumping out small amounts of liquid left by sump pumps
- Dewatering of products after passing through water bath
- Brewery crates after washing
- Fabrications and panels prior to painting
- Paper and corrugated card machinery



### COOLING

Rapid cooling of metal ingots and castings  
Quick hardening of chocolates and sweets  
Plastic injection mouldings

### MISCELLANEOUS

Humidifying paper or tobacco  
Fresh air delivery top confined or hot places  
Gas freeing of Aircraft fuel tanks

**For more information on Ring-jets or any other aspect of Pneumatic Conveying, please contact Pneuvay Engineering.**