



**ADDEX**

## HIGH-PERFORMANCE DUAL FLOW AIR RING

**LFR** Laminar Flow Ring  
**MGC** Manual Gauge Control



### **ADDEX INC.**

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NOW WITH  
**Intensive  
Cooling**  
TECHNOLOGY

**ADVANCING STATE-OF-THE-ART COOLING TECHNOLOGY**

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## HIGH-PERFORMANCE DUAL FLOW AIR RING

**LFR** Laminar Flow Ring

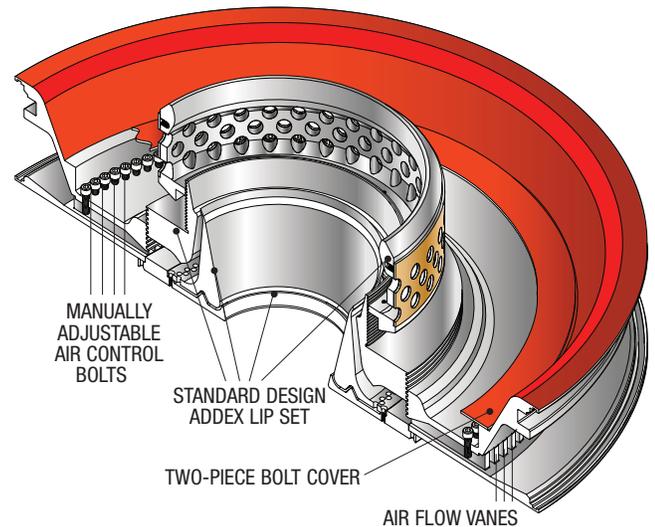
**MGC** Manual Gauge Control

PATENT: [www.addexinc.com/patents](http://www.addexinc.com/patents)

SPECS				
SIZE		Number of Air Inlets x $\varnothing$	Number of MGC Control Zones *	
3"–6" 75–150 mm	36" 915 mm**	6 x 3"/76 mm	96	
6"–12" 150–315 mm	48" 1220 mm	6 x 4"/102 mm	120-132	
12"–20" 325–500 mm	56" 1423 mm	6 x 4"/102 mm	156-168	
20"–28" 525–700 mm	64" 1626 mm	8 x 4"/102 mm	216	
28"–32" 725–800 mm	76" 1931 mm	10 x 4"/102 mm	256-304	

Larger sizes are available upon request  
 \* Number of control zones vary with die size and application  
 \*\*Not available with Intensive Cooling

INTENSIVE COOLING AIR REQUIREMENTS	
US	METRIC
$(D'' + 2) \times 200 = \text{CFM}$ @ 80°F & 25"H <sub>2</sub> O	$(D \text{ mm} + 50) \times 13.3 = \text{m}^3/\text{h}$ @ 27°C & 6.2 kPa
<b>LEGEND</b>	
D'' = Die diameter in inches CFM = Cubic feet per minute F = Degrees Fahrenheit H <sub>2</sub> O = Inches water pressure unit	D mm = Die diameter in mm m <sup>3</sup> /h = Cubic meters per hour C = Degrees Celsius kPa = Kilopascal pressure unit



### LFR FEATURES

- Available with Intensive Cooling to boost output an additional 10-15% & improve stability
- Proven, state-of-the-art dual lip air ring
- Suitable with rotating, oscillating, or stationary dies
- Low turbulence, low pressure, high-volume air flow
- Adjustability allows air distribution between the lower lip & the secondary lip
- Differential pressure gauge & bimetallic thermometer
- Standard BUR air collar (Low BUR/Big BUR collars available)

### MGC FEATURES

◀ Includes all features of LFR, plus:

- Simple, cost-effective gauge control
- Selective air flow settings to reduce gauge variation
- For stationary dies, capable of correcting gauge variation by 25%, or more
- For oscillating/rotating dies, capable of correcting gauge variation 15-20% or more
- Individually-adjustable control bolts
- 10mm-wide (3/8") control zones for highest resolution in the industry
- Does not reduce cooling capacity or output

NOTE: Precision blower & die profile information required at time of order.

### OTHER ADDEX PRODUCTS

- **IC**  
Intensive Cooling Systems
- **EGC**  
External Gauge Control Air Rings
- **DIBC**  
Digital Internal Bubble Cooling



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