

DISCAIR MODEL 230

TECHNICAL DATA SHEET

SPECIFICATIONS & FEATURES

- Patented drive ring designed for maximum air efficiency and coolant barrier effects
- Pneumatic device powered by standard sources of clean compressed shop air
- All connections are mechanical; requires no electrical connections
- Balanced, rotating disc window, with chemically strengthened glass
- Mounting plate for easy installation and low life-cycle cost
- Manifold designed with push fittings and spare port for airgun drop
- Set includes 1 meter connecting polyurethane (PUR) hose
- Noise barely perceptible in fully enclosed machines
- Suited to applications having light to medium, intermittent coolant spray
- Long life, instrument-rated bearing set
- Quick unit installation and removal
- Easy maintenance
- One year limited warranty
- For more information visit us at:

MODEL 230

Overall Diameter	10"	253 mm
Profile Height	1.75"	45 mm
Overall Height	11.75"	300 mm
Weight	3.9 lb	1.8 kg
Glass Thickness	.120"	3 mm



UNIT INSTALLATION

DiscAir may be installed from vertical to 30° from vertical position. DiscAir may also be installed in moving or fixed (non-opening) windows. The DiscAir package contains as standard equipment the DiscAir base unit, installation manual, manifold, 1-meter polyurethane tubing, tools for removing the spin disc, and a small parts replacement kit. DiscAir works best with water-based coolants and light mineral oils. (Heavier oils impair performance.) DiscAir is suited to light to medium duty applications with intermittent coolant spray. Optional -AG kit allows use of DiscAir and high-efficiency OSHA compliant airgun with only one air drop.

BONDING INFORMATION

On properly prepared surfaces, it is nearly impossible to separate mounting plates or directly mounted spin windows from the glass or polycarbonate substrate. Visiport systems are designed to have a bonding strength safety factor of better than 20 to 1.

Adhesive Carrier	<i>Closed Cell Acrylic Foam</i>
Peel Adhesion	<i>20 lbs/in - 3.5 N/mm</i>
Tensile Adhesion	<i>140 lbs/in² - 1.0 N/mm²</i>
Dynamic Shear Adhesion	<i>80 lbs/in² - 0.55 N/mm²</i>

For more information on 3M Engineered adhesives, visit: http://www.3m.com/us/mfg_industrial/adhesives/vhb/

IMPORTANT PRODUCT BENEFITS

- ✓ Excellent value
- ✓ Light weight aircraft aluminum construction
- ✓ Easy installation - OEM and retrofit versions
- ✓ Major components modular and field replaceable
- ✓ Low profile
- ✓ Highest quality components
- ✓ Quick spin disk replacement
- ✓ Installs on glass or polycarbonate
- ✓ Adaptability to numerous machine enclosures
- ✓ Installation requires no hole in machine window