What's New: Recirculating Wind Tunnel | College of Engineering

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This year, the MAE Department acquired a new wind tunnel for use in thermal and fluid dynamics labs. The recirculating-style tunnel was designed and built by Engineering Laboratory Design in Lake City, Minn. It will be used primarily for undergraduate laboratories and demonstrations and some graduate courses.

Quick Facts:

• Manufacturer: Engineering Laboratory Design of Lake City, Minnesota
• Arrangement: Recirculating
• Test Section: 24”x24”x48” with easy-access, one-piece glass panels
• Velocity Range: Up to 180 fps (122 mph)
• Motor: 50 HP
• Footprint: 35’x12’
• Height: 8’
• Weight: 4000 lbs
• Fun fact: When it runs, it warms the air up. A heat exchanger is used to cool the air back down

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