

## AuraGreen™

**FIXED PLATE  
TOTAL ENERGY  
RECOVERY  
VENTILATORS**

# Proper ventilation is essential for good Indoor Air Quality

AuraGreen Energy Recovery Ventilators deliver clean, fresh air to your building and exhaust indoor contaminants to provide a healthy environment while saving energy. The fixed plate, polymer heat exchanger uses the exhaust airstream to pre-treat the incoming air and greatly reduce the outside air heating or cooling load.

The high performance hydrophilic polymer membrane allows moisture passage and provides outstanding total energy performance in any environment.

This unique membrane blocks VOC's, CO<sub>2</sub> and other gases and contaminants including bacteria and viruses. Our new "M-Series" units feature high efficiency, direct drive EC plenum fans and the new high capacity MG-800 energy recovery core.

### **VENTILATION:**

The process of supplying air to or removing air from a space for the purpose of controlling air contaminant levels, humidity, and temperature within a space.



- New MG800 high capacity cores
- Sizes from 200 to 20,000 cfm
- Sensible and latent heat recovery
- Outside air load reduction
- Fixed plate, polymer core
- Heat exchanger with no moving parts
- Low temperature operation
- Reliable operation
- Simple maintenance
- All aluminum double wall cabinet and frame
- Foam insulation
- Multiple configurations
- Highly customizable
- Indoor or rooftop installation
- Removable access panels
- Modular design
- Low profile models available
- Variable speed, direct drive EC motors
- Backward inclined plenum fans

### **Optional features**

- High efficiency filters including HEPA
- Bypass for free cooling
- Low leakage dampers
- Filter monitors
- BACnet interface
- Electric or hot water pre-heat coils
- DX or chilled water cooling coils
- Counterflow cores for highest efficiency

# The Multistack Group

## Customer Driven Innovation<sup>SM</sup>

The right choice for the future... today.

### OUR MISSION

To design and build reliable, energy-efficient equipment that fully supports the transition from fossil fuels to renewables through electrification.

### OUR VISION

To create a world where environmentally sensitive design practice, reliability, and redundancy coexist and are embodied in the world's most advanced HVAC equipment.

### SUSTAINABLE CHOICES

At **Multistack**, we recognize and respect the importance of providing HVAC solutions that promote energy and water efficiency, utilize the best refrigerant choices available, and embrace the transition from fossil fuels to electrification.

Water and air-cooled **MagLev**<sup>®</sup> chiller platforms achieve superb efficiency across their full range of operation. Our unique **MagLev** chiller design and unrivaled Transitional Efficiency chiller control algorithms deliver outstanding part-load performance at all condenser-water or ambient temperature conditions. **MagLev** also offers refrigerant choices recognized worldwide as safer for the environment: R-1234ze, R-513A, and R-515B.

Our modular product's design allows you the freedom to use just enough energy to meet your current needs, while offering you the flexibility of incorporating additional modules as your operations grow. Minimizing embodied energy is an important design focus and we pride ourselves that our modular chillers deliver the industry's highest cooling and heating output per pound. If you're looking to cool and heat your building with as little environmental impact as possible, look no further than **Multistack**!

Reach out to your local Multistack design professional to discuss how we can help you realize your design goals for:

- Electrification
- Energy efficiency
- Water usage efficiency
- Energy & heat recovery
- Choosing sustainable refrigerants
- Minimizing refrigerant charge
- Minimizing embodied energy
- Minimizing environmental and physical footprint