

## Light Commercial Energy Recovery Units



**AZL Series ERV**

**AZL Series** Energy Recovery Ventilators are available in three sizes Units are specially designed for commercial applications. Steel casing is covered with high quality multilayer aluminum and zinc alloy to prevent corrosion. The casing is equipped with a switch to turn the ventilator off when the service panel is opened. Service access from both left and right side. Unique enthalpy heat exchanger provides high-efficient heat & humidity recovery. No drain pan required. Units equipped with supply and exhaust centrifugal fans with backward curved blades and built-in thermal overheating protection with automatic restart. The electric motors and impellers are dynamically balanced. Fan stop defrost system is activated when the outdoor temperature falls below 23° F (-5° C). Washable MERV 6 air filters in exhaust and supply air streams.



**AZC Series ERV**

The unit incorporates an integrated automation and control system with following functions: Operation mode switch, Airflow balancing by supply and exhaust fan independent speed adjustment, Automatic recovery core frost protection, External control device connection. **CFM Ranges from 300 to 2000**

**AZC Series** Counter-flow aluminum plate heat exchanger (or rotary heat exchanger, **AZR**)

High-efficiency EC fans, backward-curved, external rotor • Integrated automatic dampers • Integrated plug-and-play controls • Automatic full-size bypass • Insulated double-skin frameless casing • ECO-Design'18 compliant • **Ranges from 1000 to 4800 CFM**



**AZP Series** Integrated "Air Quality Sensing " Control Panel and Sensor(s) allows control of ERV air flow based on selected condition parameters. CO<sub>2</sub>, Humidity, Temperature, Air Pressure and Particle levels.



Multiple inputs and input levels. Multiple Output Signals. Inputs will accept a variety of common signal types and can be named by the user. Outputs can then act based upon local inputs and/or data received from the network; this allows for enhanced sequencing, flexibility, and functionality from our air quality control system.

**AZ-CAR** Constant Volume Regulators are available in sizes 3, 4, 5, 6, \* & 10" Round with CFM ranges from 10 to 470 CFM.

1 week production



**AZ-CCD** Cable Control Dampers available in sizes 4-14" Round. 1 week Production



**AZ-HAN** Hand Operation Dampers available in sizes 4-14" Round. 1 week Production



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## VAV Terminal Units



## VAV Controller



## Round Dampers



## Rectangle Dampers



## VAV Terminal Units

The **AZV-ST** Series VAV Terminal Boxes are designed for variable air volume applications. Features Include: Galvanized 22 gauge steel housing, satin finish. 1/2" internal fiberglass acoustic insulation covered with an acrylic layer and fiberglass reinforcement. Built in pressure sensor. Damper with gasket and shaft. Ranges from 130 to 2600 CFM

**AZV-C2000** series zone controllers are designed for variable air volume zoning systems. The built-in microprocessor offers precise digital control to maximize performance. The outputs and control sequences are all fully configurable, either locally from the digital room sensor. The on-board brushless actuator provides electronic feedback on damper position. When in a network, the AZV-C2000s can share information such as the occupancy state, the demand, the supply temperature and more.

New **AZ-POC** Round Zone Dampers with LEDs, Actuator's are power open/power close. 24 vac and have **red and green LED's that indicate when damper is fully open and fully closed** Screw terminals are reliable and easy to use. Each motor allows adjustment of the minimum close position. The gasketed edge on the blade furnishes a 99% shut off. The 1/2" shaft is made of solid aluminum for long lasting strength and reliability.

New **AZ-RPOCA** Rectangular Zone Dampers with LEDs, Actuator's are power open/power close. 24 vac and have **red and green LED's that indicate when damper is fully open and fully closed** The damper is available in power open/power close. Optional modulating, power close/spring open, and power open/spring close switching action available. **Sizes 8 x 8 to 26 x 24**, 1 week production

**AZ-ACD / AZ-SCD Commercial Dampers** can be in sizes from **6w x 6h to 60w x 72h** on single sections. Multiple sections are available for larger applications. **Features include:** Ultra low leakage with blade and jamb seals. Constructed of heavy duty extruded aluminum or steel. Airfoil blades for lower pressure drop. **Options Include:** Parallel or Opposed blade orientation available on all models. 304 Stainless steel linkage and axles (ACD). Wide variety of pneumatic or electric (24V, 120V, 230V) actuators that can be factory mounted or shipped loose.



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