



Is the premier manufacturer and provider of environmentally friendly ventilation products and systems designed to improve ventilation effectiveness, energy efficiency and indoor air quality in homes, multi-family dwellings, hotels, schools and a myriad of other commercial applications.

What is a CAR?

The CAR-II – Constant Airflow Regulator is a modulating orifice that automatically regulates airflows in duct systems to constant levels. The passive control element responds to duct pressure, and requires no electric or pneumatic sensors or controls.

The CAR-II compensates for changes in duct pressure caused by thermal stack effect, building pressure, dust clogging of filters, etc. The CAR-II also provides a low cost solution to balancing forced air systems for heating, air conditioning and ventilation, eliminating the need for on-site balancing. The CAR-II will regulate airflow in supply, return or exhaust duct systems.



What is a ZRT?



Click on the image above to watch the ZRT in action!

The ZRT is a combination aluminum grille/register box, control damper and optional flow regulators. This unique combination provides up to four different control schemes without the need for expensive pneumatic, electronic, or DDC control systems.

American ALDES ZRT-1 (For On-Off Demand) and ALDES ZRT-2 (For Continuous) Exhaust Ventilation Fans. The ZRT Zone Control Exhaust Terminal is designed to introduce flexibility and dynamic control of central ventilation systems.

Used in both large and small systems, the ZRT controls the ventilation where it is required without the need for individual fans.

Energy & Heat Recovery Ventilators

The systems are the most advanced balanced ventilation systems with energy recovery available. The integrated Constant Airflow Regulators guarantee precise continuous airflow to meet code requirements while the SmartZone Exhaust Terminals provide powerful and silent boosted exhaust ventilation while bathrooms are in use.



The ERV/HRV systems have the added benefit of recovering the energy from the stale air exhausted from the home and removing moisture from humid outdoor air. During normal operation, the ERV / HRV runs efficiently at low speed to meet the minimum airflow requirements listed in the new energy efficiency codes. When the bathroom is in use, the airflow is increased for that space only and the ERV / HRV is signaled by the SmartZone Exhaust Terminal to go to high speed.

The American ALDES VentZone IAQ ERV/HRV systems are the only balanced ventilation systems available that provide precisely regulated whole house Indoor Air Quality, Heat/Energy Recovery, and centralized zoned bathroom exhaust in a single highly effective and efficient system! American ALDES' IAQ systems are designed to meet ASHRAE 62.2, ENERGY STAR with IAP, LEED for Homes, and California Title 24 standards.

For more information visit www.AmericanAldes.com or for any questions, catalog binders, please contact sales@airproductsequip.com