

FAQs
Airside Products

1. How does CAR3 work?

- The Aldes CAR3 Constant Airflow Regulator is a pressure-independent balancing damper that automatically regulates airflow in duct systems to a constant level. It comes pre-set by the manufacturer and can be adjusted/set by the installer. The CAR3 requires no electric or pneumatic power or sensors and works solely off system pressure.

2. What are the warranties for CAR3s and ZRTs?

- CAR3: guaranteed for 7 years, from the date of shipment, against all defects in material or workmanship, provided that the material has been installed and used under normal conditions. This warranty is limited to the repair or replacement of the material.
- ZRT: guaranteed for 3 years, from the date of shipment, against all manufacturing defects, provided the material has been installed and operated per the manufacturer's instructions and under normal conditions. For all details about the warranties, please refer to the respective manuals.

3. Can Airside products be used independently?

- The Airside products don't create any airflow. They must be combined with a fan, an HVR/ERV, or another device that produces airflow. Aldes Airside products (24 V) can be connected to Aldes wall controllers and be combined with Aldes HRV/ERV units. Please refer to our website for more information: https://www.aldes-na.com/ca_en/commercial-product-category/multi-family-infloor-air-quality/

4. Can Airside products be used for commercial applications?

- Yes, Airside products, like CAR3, can operate at a CFM range of up to 900 CFM. Furthermore, products like the ZRT-PDIL are specifically designed to meet the required specifications for commercial applications. The ZRT-PDIL's duct-connection diameter (reaching up to 10") and its square area (24"x12") increase its compatibility with commercial projects. Contact your regional sales representative for more information and for help finding the product you need.

5. Can the Airside products be used in supply and exhaust applications?

- Airside products offer both supply and exhaust solutions. However, Airside products used in exhaust applications cannot be used in supply

applications and vice versa. The type of application (supply or exhaust) needs to be specified when the product is purchased.

6. How to select the appropriate Airside product for your project?

- To select the appropriate Airside product for your project, you must consider 3 criteria: the pressure, the CFM and the dimensions of your system. First, identify whether a low-pressure or high-pressure application is required in your project. Secondly, determine the CFM range required for your project and select the product that matches this requirement. Finally, measure your ventilation system and select the product that matches those dimensions. If your project has additional requirements, a wide range of products (i.e., fire dampers, actuators, products with different voltages and grilles) can be bought separately.

7. How to wire Airside products?

- Products like CAR3 don't need any electrical connections since they work entirely mechanically. Products like ZRTs can be connected to Aldes wall controls. Refer to the installation manual of your product for detailed diagrams and installation instructions.

8. Can we purchase Aldes products through you directly?

- No, please consult our website's "Where to buy" section to find the retailer nearest you.

9. Do CEB3/CSB3 products come with grilles?

- No, they do not include grilles. They must be bought separately.

10. Do grilles come in different colors?

- Yes, they do. The grilles are available in white and, for an additional charge, they can be customized to the color specified by the customer.

11. Do wall hoods with screens come with backdraft dampers?

- No, you must purchase the backdraft dampers separately. Aldes offers a wide range of backdraft dampers ranging from 4 to 16 inches in diameter. Contact your local representative for more information on our products and installation tips.

12. Can CAR3 be used in square ducts?

- Yes, Aldes offers the CAR3-S which is adapted to square and rectangular ductwork. The dimensions of the square CAR3-S can be found in its specification sheet.



13. What type of duct is compatible with CEB3/CSB3 products?

- CEB3 and CSB3 are manufactured with round end-terminals that allow for quick installation in circular ductworks. The round end-terminals are available in diameters ranging from 4 to 6 inches. Contact your local representative for more information on our products and installation tips.