



# InRow DX 300mm – 11kW Unit

## Uniflair ACRD100 Series

The RD100 series high efficiency InRow cooling unit makes it easy to standardize on a single cooling solution across distributed operations. It is the first edge data center InRow cooling solution to comply with the latest refrigerant restrictions. This next-generation unit features extended refrigerant piping runs, quiet operation, and supports a wide outdoor temperature range allowing the same solution to be consistently applied across multiple applications. The self-managing controller, secure remote monitoring, and variable cooling capacity makes it ideal for remote and distributed applications that lack local support staff.

### Innovative Cooling for Edge and Micro Data Centers

- **Environmentally friendly, low GWP R32 refrigerant** complies with the latest Kigali amendment restrictions.
- **Quiet operation and less disruptive service visits**, ideal for IT equipment near office spaces, due to variable capacity, high efficiency compressor located outside.
- **Standardized cooling solution across all locations** made possible with high-density cooling capacity requiring only 0.5kW minimum heat load, up to 120m piping run (up to 30m lift) between indoor and outdoor unit, small footprint and intuitive touchscreen.
- **Precise temperature and humidity control** with factory fitted reheat and humidifier.
- **Reliable year-round operation** from -40°C (-40°F) to 46°C (115°F) outdoor temperatures.
- **Integrated dual input-power ATS** option increases availability while reducing site infrastructure costs.



Uniflair Models	ACRD101S / ACRD101P
Cooling type	Air-cooled, high-density
Refrigerant	R32 Kigali Amendment Compliant
Cooling Capacity Rang	Min. 0.5 kW – Max. 11.0 kW
Rated airflow	3,230 m <sup>3</sup> /h
SCOP	3.0 - High Efficiency
Indoor Power	100-120V / 200-240v, 1ph, 50/60Hz
Outdoor Power	200-240v, 1ph, 50/60Hz
Indoor Dimensions	300 (W) x 1,095 (D) x 1,991 (H) mm
Outdoor Dimensions	1,386 (W) x 700 (D) x 1,451 (H) mm

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