



# RS SERIES

High precision electric steam  
humidification



Humidification, Dehumidification and Evaporative Cooling



# The RS Series Resistive Humidifier

Redesigned with touchscreen controller, integrated BMS and built-on blower pack capabilities

## The next generation of the RS Series features:

- Precise RH tolerances for humidity critical applications
- User-friendly touchscreen controller
- Standard building automation support with integrated Modbus, BACnet IP, and BACnet MSTP. Option required for LonWorks or BLT certified BACnet
- USB port to download trending data, as well as to perform software updates
- Scale collector tank to make minor maintenance quick and easy
- Zero unit side clearance
- Capacities from 10 to 180 lb/hr



Resistive electric steam humidification is the preferred technology choice for laboratories, hospitals, and other applications that require precise relative humidity (RH) control. Building on proven technology, the RS Series humidifiers can operate on either water mains or demineralized water, for close control and reduced servicing. These state-of-the-art humidifiers are easy-to-use and maintain, whilst offering outstanding reliability and accurate humidity control.

## Technical Data

| SPECIFICATION                                                                                            | RS 010             | RS 015  | RS 020  | RS 030             | RS 045  | RS 065  | RS 090  | RS 090             | RS 130  | RS 180  |
|----------------------------------------------------------------------------------------------------------|--------------------|---------|---------|--------------------|---------|---------|---------|--------------------|---------|---------|
| Capacity: lbs/hr                                                                                         | 0-11.4             | 0-17.6  | 0-22.8  | 0-31.8             | 0-47.9  | 0-71.9  | 0-95.4  | 0-95.4             | 0-143.2 | 0-189.3 |
| Capacity: kg/hr                                                                                          | 0-5.2              | 0-8.0   | 0-10.4  | 0-14.5             | 0-21.8  | 0-32.7  | 0-43.4  | 0-43.4             | 0-65.1  | 0-86.0  |
| Input kW max                                                                                             | 3.9                | 6.0     | 7.7     | 10.8               | 16.3    | 24.5    | 32.1    | 32.6               | 48.0    | 64.2    |
| Voltage                                                                                                  | 208-600            | 208-600 | 208-600 | 208-600            | 208-600 | 208-600 | 440-600 | 208-240            | 208-600 | 440-600 |
| Phase                                                                                                    | 1 and 3            | 1 and 3 | 1 and 3 | 1 and 3            | 3       | 3       | 3       | 3                  | 3       | 3       |
| Housing sizes                                                                                            | Small              | Small   | Small   | Medium             | Medium  | Medium  | Medium  | Large              | Large   | Large   |
|  Built-on Blower Pack | yes                | yes     | yes     | yes                | yes     | yes     | yes     | no                 | no      | no      |
| Dimension (WxHxD) in                                                                                     | 17.8 x 26.4 x 14.6 |         |         | 22.2 x 30.7 x 16.3 |         |         |         | 40.7 x 30.7 x 15.9 |         |         |

**Contact us today and ensure you have the best humidification solution for your application.**

Condair Group, founded in 1948 and based in Switzerland, is the global leader in humidification and a leading manufacturer of dehumidification and evaporative cooling systems. Supported by science, we engineer individual, holistic solutions that customers can trust through the entire lifecycle. With optimal humidity, we increase productivity and create healthier built environments. Condair Group has production sites in Europe, North America and China, its own sales and service organizations in 23 countries, and representatives in 50 locations worldwide.

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