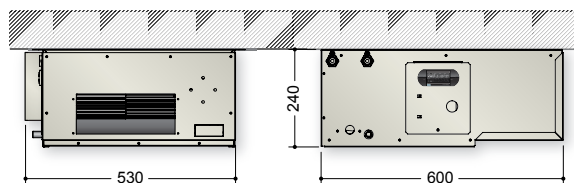
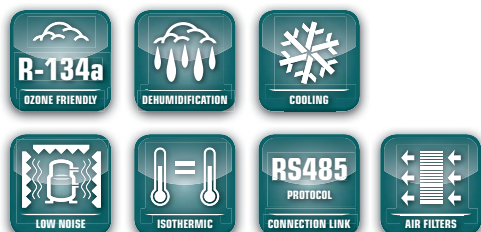


**RSO**

**RSE**

## DEHUMIDIFIERS FOR HORIZONTAL DROP CEILING RADIANT SYSTEMS



The fitted vertical dehumidifiers of the **RSV** range and the horizontal ductable dehumidifiers for drop ceilings of the **RSO** / **RSE** range are designed for civil, residential and commercial environments with high latent load that require 24hrs/day operation. These are particularly suitable for buildings cooled by radiant systems, such as flooring, walls or ceiling. HiDew dehumidifiers can be connected and monitored with RS485 serial port.

### The RS range consists of two versions : A – I

**A = Neutral air version (isothermal):** The letter “A” represents the neutral air isothermal dehumidifier with air condensation, which is supplied with pre and post cooling coils as standard. The outlet air is the same temperature as the inlet air.

**I = Cold integration version:** The letter “I” represents the dehumidifier that can add cold power to the radiant system. Thanks to a brazed plate condenser, the “I” models cool the air when required, just as a normal air-conditioner. This function is particularly useful, during half seasons, due to the high difference in temperature, or when cooking or when guests arrive. The “I” models must always receive water from the radiant system in order to operate.

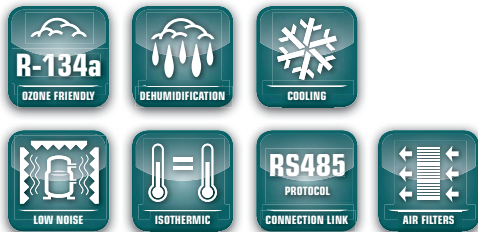
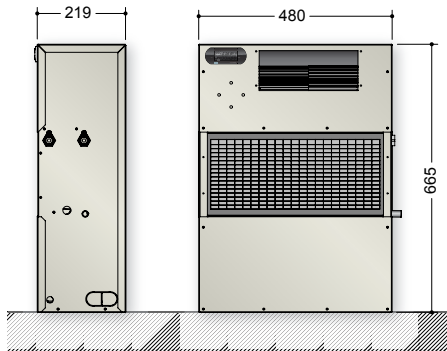
#### Technical sheet of the range

		<b>RSO 020 A</b>	<b>RSO 020 I</b>	<b>RSV 020 A</b>	<b>RSV 020 I</b>	<b>RSE 050 A</b>	<b>RSE 050 I</b>	<b>RSE 100 A</b>	<b>RSE 100 I</b>
Dehumidifying capacity	L/24h	20	20	20	20	48	48	100	100
Air flow rate	m³/h	250	250	250	250	600	600	1000	1000
Cooling Power	Watt	isothermal	1240	isothermal	1240	isothermal	3360	isothermal	6800
Sound level	dB(A)	37	37	37	37	41	41	42	42
Electric power supply	V/ph/Hz	I----- 230/1/50 -----I							
Dimensions L X D X H	mm	I--- 530 x 600 x 242 ---I I--- 480 x 220 x 665 ---I I--- 760 x 650 x 350 ---I I--- 1000 x 600 x 450 ---I							

All the values refer to the following conditions: Air temperature 26°C, Relative humidity 65%, Water temperature 15°C

## DEHUMIDIFIERS FOR FITTED VERTICAL RADIANT SYSTEMS

**RSV**



### Options:

- Mechanical humidistat
- Mechanical humidistat for in-wall installation
- Two-steps hygrostat
- Chrono-Thermo hygrostat summer/winter
- Supply flange
- Kit frame for suction ducting
- RS485 serial port
- Rubber antivibration
- Supply plenum
- Formwork
- White lacquered wooden panel
- Painted steel sheet panel
- Steel formwork
- Air distribution: see chapter WMC

