

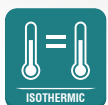
RSV

RSVE

VERTICAL DEHUMIDIFIERS FOR RADIANT SYSTEMS



RSV 020



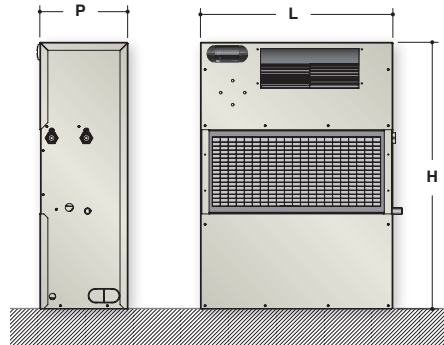
The fitted vertical dehumidifiers of the **RSV / RSVE** range are designed for civil, residential and commercial environments with high latent load that require 24hrs/day operation. These are particularly suitable for buildings cooled by radiant systems, such as flooring, walls or ceiling. HiDew dehumidifiers can be connected and monitored with RS485 serial port. R-513a refrigerant gas is used in **RSV / RSVE** units.

Technical sheet of the range		RSV 020 A	RSV 020 I	RSVE 020 A	RSVE 020 I
Dehumidifying capacity	L/Day	20	20	20	20
Air flow rate	m³/h	250	250	250	250
Available static prevalence	Pa	40	40	180	180
Cooling power	W	/	1240	/	1240
Sound level	dB(A)	38	38	39	39
Power supply	V/ph/Hz	230 / 1~ +N / 50			
Dimensions (base x depth x height)	mm	480 x 220 x 665			

Technical sheet of the range		RSV 035 A	RSV 035 I	RSVE 035 A	RSVE 035 I
Dehumidifying capacity	L/Day	28	28	28	28
Air flow rate	m³/h	350	350	350	350
Available static prevalence	Pa	30	30	180	180
Cooling power	W	/	1740	/	1740
Sound level	dB(A)	39	39	40	40
Power supply	V/ph/Hz	230 / 1~ +N / 50			
Dimensions (base x depth x height)	mm	630 x 220 x 665			

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

The **RSV** dehumidifiers are provided with 3-speed centrifugal fan, in order to achieve the lowest noise level. In case of higher available pressure is needed, the **RSVE** models are provided with EC electronic fan, adjustable air flow by potentiometer.



The RSV and RSVE 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.

Included:

- Remote on-wall graphic display
- Time bands program
- Multi-speed fresh air
- Electronic radial fans with brushless engine and inverter integrated
- Timed signal for air filters check
- Boost mode for fresh air
- Supply temperature control

Optionen:

- Schalwagk
- Weißlackierte Holzplatte panel
- Rauten aus Rohre, Zobel parkett
- Parkierte Blechplatte panel
- Stehgerüstwerk
- Mechanischer Hygrostat an der Wand
- Elektrischer Hygrostat für Hygrostat installation
- Zweistufiger elektronischer Hygrostat
- Chrono-Thermo-Hygrostat Sommer/Winter
- RS485 Modbus Schnittstelle RS485

