

DVS



Plug & Play



Equipment
with control



Display

DESCRIPTION

Domestic dehumidifier, DVS model, supplied as standard with advanced control, fully autonomous and designed for wall installation, directly in the space to be dehumidified. The sober yet elegant appearance facilitates installation in public and private environments, typically characterized by sophisticated design.

Polyester-coated structure for corrosion resistance and heat exchangers with anti-corrosion treatment. Removable front panel providing full access to the unit for simple and fast maintenance. Screws and fastening systems in non-oxidizing materials, stainless steel or carbon steel with surface treatment. Stainless steel condensate tray.

Available in 7 sizes with the possibility of installation within the conditioned space or in an adjacent area.

ADVANTAGES

- Direct installation in the conditioned space.
- Advanced integrated control.
- Fully autonomous humidity management.
- Cabinet-type unit installed directly in the treated space.
- Possibility of integrating Be.On module with direct cloud connection and Be.Smart monitoring.

ACCESSORIES

- Support feet
- Epoxy coil coating
- Reinforced electrical heaters (optional)
- Silent version

COMPONENTS

FAN

Single-inlet electronic centrifugal fan with plastic impeller, providing higher corrosion resistance and significant noise reduction, improving acoustic comfort.

HOT WATER COIL

Composed of a hot water post-heating coil and a 3-way valve directly controlled by the unit, designed to heat the supply air using hot water from a boiler or heat pump. The unit is supplied with coil and valve already installed and wired. For positioning of hydraulic connections, refer to dimensional drawings.

ELECTRICAL HEATERS

Allows heating of supply air when hot water is not available. Safety is ensured by a thermostat that, in case of overheating, deactivates the heating elements and signals an alarm. The unit is supplied with electric heating elements already installed internally.





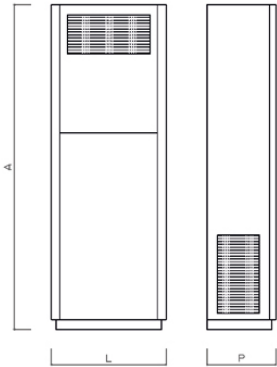
CHARACTERISTICS

DVS	50	70	90	100	160	190	210	230
Dehumidification Capacity (30°/80% R.H.) (L/day)	52	68	92	99	165	186	213	226
Dehumidification airflow (m³/h)	450	600	700	800	1000	1200	1400	1400
Available static pressure (Pa)	250	200	175	150	230	200	160	160
Hot Water Coil (30°/80°-70°) (kW)	5,2	6,1	6,8	7,5	10,4	11,9	13,3	13,3
Electrical heaters power (kW)	1,5	2	2	2	4	4	4	4
Power consumption (kW)	1,2	1	1,5	1,6	2,4	2,6	3,8	3,8
Power Supply (V F Hz)	230 1 50	230 1 50	230 1 50	230 1 50	230 1 50	230 1 50	400 3 50	400 3 50
Sound Pressure (dB(A))*	45	46	47	48	50	52	55	55

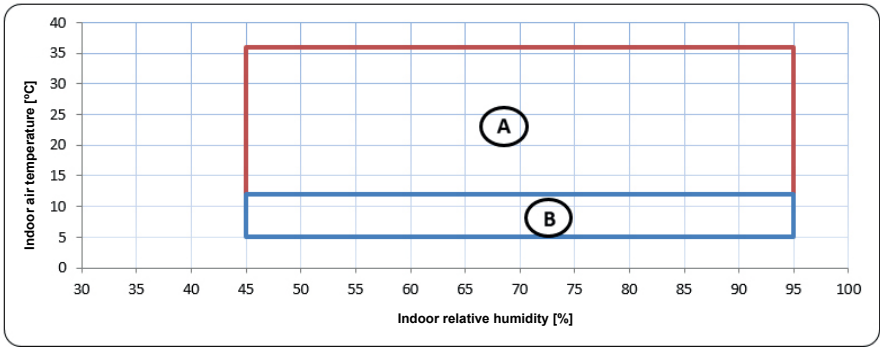
* Sound pressure level at 1 m, measured in open field in accordance with ISO 3744

DIMENSIONS

DVS	50	70	90	100	160	190	210	230
A (mm)	1652	1652	1652	1652	1652	1652	1652	1652
L (mm)	550	550	550	550	750	750	750	750
P (mm)	330	330	330	330	330	330	330	330
Weight (kg)	80	80	80	80	140	140	160	160



OPERATING LIMITS



- A. Dehumidifier operating limit
- B. Operating limit with optional GAS DEFROST installation