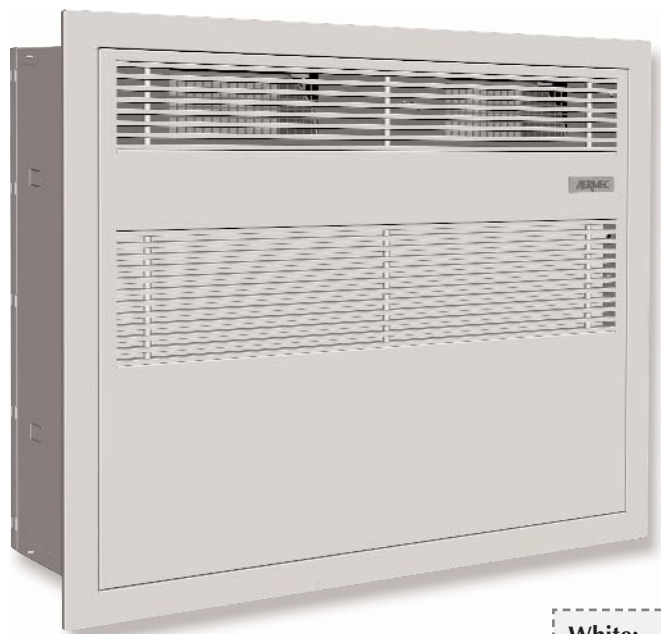
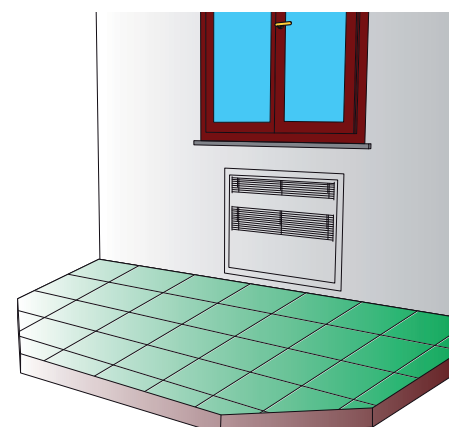
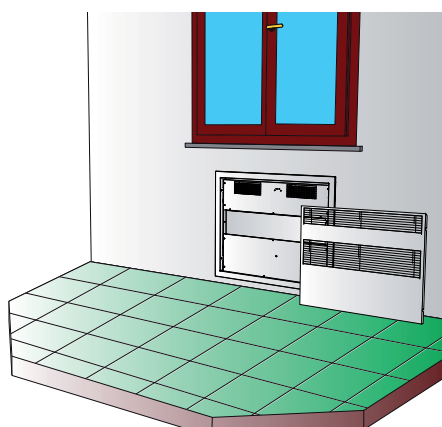
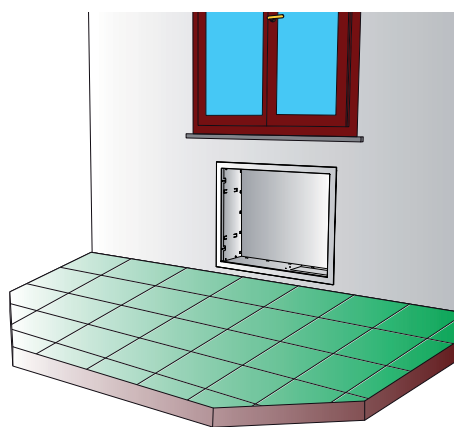


## DMP Recessed dehumidifier for floor systems

R134a



White:  
front panel: RAL 9010



### Features

- **Main features:**
  - vertical installation recessed in the wall;
  - silenced functioning;
  - small electric consumption;
  - high dehumidification efficiency.

The DMP dehumidifiers can be integrated perfectly in residential and tertiary environments with:

- floor systems;

- **Components:**
  - DMP 20: Monobloc dehumidifier unit**, recessed inside the formwork.
  - electrostatically pre-charged air filter;
  - condensate drip tray;
  - hermetic compressor assembled on rubber anti-vibration mounts;
  - condensing and evaporating coils realised in copper pipes and aluminium louvers;
  - pre-cooling coil: to improve the

- dehumidification efficiency of the unit;
- post-cooling coil: to control the temperature of the outlet air and send thermally neutral air to the room;
- centrifugal flow fan with uneven pitch rotors for silent functioning;
- adjustment circuit board with remote control panel.
- Refrigerant gas: R134a.

### Accessories

#### DMP 20GL: OBLIGATORY ACCESSORY

- **Front closure panel with external frame:** realised in polyurethane powder painted galvanised steel (colour RAL 9010). Made up from a frame and panel with air recovery and flow grid in anodised aluminium.

- **Formwork:** In galvanised steel, it allows unit installation in niche. The formwork has appropriate fins for correct fixing to the wall and is prepared with openings for electric and hydraulic connections;

**In the winter season the DMP dehumidifier can be used to accelerate the temperature of the rooms heated by the radiant system reaching normal working conditions.**

## Technical data

Mod.	DMP 20	
Nominal dehumidification capacity <sup>(1)</sup>	l/24h	20
Nominal input power <sup>(1)</sup>	W	340
Nominal input current <sup>(1)</sup>	A	2,3
Dehumidification capacity <sup>(2)</sup>	l/24h	49
Input power <sup>(2)</sup>	W	390
Heating capacity produced - normal working conditions in heating mode <sup>(3)</sup>	W	1010
Input power <sup>(3)</sup>	W	25
Maximum current absorbed	A	2,5
Peak current	A	4
Nominal water flow rate	l/h	170
Pressure drop	kPa	7
Air flow rate	m <sup>3</sup> /h (min.)	200
	m <sup>3</sup> /h (med.)	300
	m <sup>3</sup> /h (max.)	380
♪ Sound Pressure	dB [A]	33
Weight	kg	36

**Power supply voltage** = 230V ~ 50Hz.

The performance refers to the following conditions:

■ Dehumidification

**(1) = Nominal conditions** (min. fan speed)

- Room air temperature: 26°C
- Relative humidity: 65%
- Water input temperature: 15°C

**(2) = Maximum conditions** (min. fan speed)

- Room air temperature: 35°C
- Relative humidity: 80%
- Water input temperature: 15°C

■ Heating

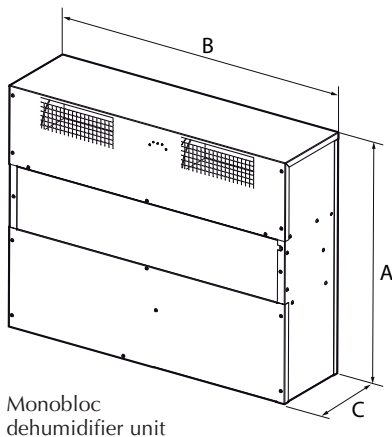
**(3) = Rapid heating at normal conditions** (min. fan speed)

- Room air temperature: 15°C
- Water input temperature: 35°C

♪ Sound pressure measured in free field with directionality factor Q=2 at a distance of 1 m (minimum fan speed).  
In compliance with the ISO 3746

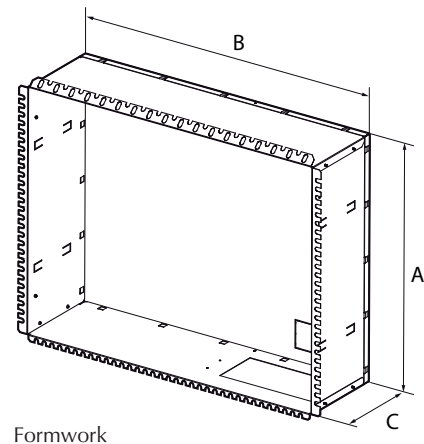
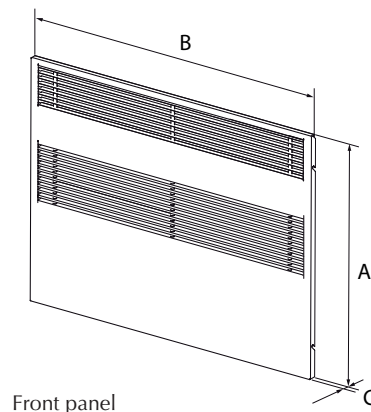
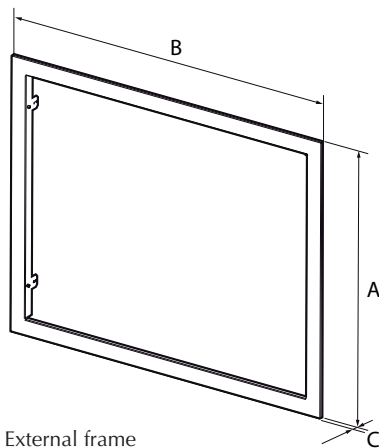
## Dimensional data (mm)

### DMP 20



		DMP 20 Monobloc dehumidifier unit	External frame	DMP 20 GL Front panel	Formwork
Height	[mm] (A)	590	678	596	606
Width	[mm] (B)	750	843	761	771
Depth	[mm] (C)	210	8	18	227

### DMP 20GL



The technical data given on this documentation is not binding. Aermec S.p.A. reserves the right to apply at any time all the modifications deemed necessary for improving the product.

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