

## Devices with fixed connection (Vacuklav 24 B+, 24 BL+, 30 B+, 40 B+, 44 B+)

### Space requirements

The space requirements for the device corresponds to its dimensions plus at least 5 cm on the side and above the device to provide a sufficient ventilation. When you incorporate the device into existing furnishings, be sure to maintain 5 cm of clearance space on all sides.

Steam egress can occur during operation. Do not set up the device in the immediate proximity of a smoke detector. Maintain clearance from materials which could suffer damage from steam.

### Additional space for feed water supply

There is additionally required space for the MELAG storage container, alternatively for the water treatment unit MELAdem 40, MELAdem 47 or other containers such as the original container of the supplier.

### Bearing capacity (without load and feed water)

Place the device on a level and horizontal surface.

Model name	Weight	Model name	Weight
Vacuklav 24 B+	48 kg	Vacuklav 40 B+	55 kg
Vacuklav 24 BL+	53 kg	Vacuklav 44 B+	64 kg
Vacuklav 30 B+	45 kg		

### Mains supply

Model name	Vacuklav 24 B+, 24 BL+, 30 B+	Vacuklav 40 B+, 44 B+
Electrical connection	220-240 V <sup>*)</sup> , 50/60 Hz, separate fuse protection with 16 A, residual current device 30 mA	220-240 V <sup>*)</sup> , 50/60 Hz, separate fuse protection with 16 A, residual current device 30 mA
Electrical power	2100 W (from SW v4.07)	3400 W
*) max. voltage range 207-253 V		

### Cold water connection (max. temperature. 15 °C)

The connection of the device to the water supply is comparable with the connection of a washing machine in a domestic context. The water connection must be done according to the European standard EN 1717. A separate 3/4" water tap with integrated return flow inhibitor and pipe aerator is recommended (nominal width of water pipe DN15 with 1/2" fitting).



#### NOTICE

Do not connect any further device to an existing angle valve.

Malfunctions in the cooling water system could be the consequence.

### Flow pressure

Required flow pressure with a flow rate of 3 l/min > 1.2 bar.

### Inlet hose

Length of the cooling water inlet hose is 2.5 m (DN16), optional 5 m available

### Water stop

MELAG recommends the installation of a water stop (leak monitor with shut-off valve and probe).

### Wall drain or siphon drain

A wall drain, nominal width DN40 or a siphon drain (sink drain) is required to drain off the cooling water.

## Double chamber wastewater trap

MELAG delivers a special double chamber wastewater trap which can be connected to an available siphon fixture for the quiet drainage of the cooling water instead of the existing siphon of a sink. Alternatively, you can acquire a surface-mounted siphon.

## Outlet hose

In order to attach the device to the effluent pipe, MELAG delivers a wastewater hose with a length of 2 m (optional 5 m). The drain must be located at least 30 cm beneath the device and be installed dip-free with continuous descent.

## Stand-alone devices (Vacuklav 23 B+, 31 B+, 41 B+, 43 B+, 23 S+, 23 VS+, 29 Vs+, Vacuvel 23 B+)

## Space requirements

The area above the steam sterilizer should be freely accessible in order to enable easy filling of the storage tank and good ventilation. The steam sterilizer works with a cooler on the rear of the device for the cooling system (not with Euroklav). The function and life-span of the steam sterilizer can be affected if the heat dissipation above the cooler is restricted in any way. As such, MELAG advise against incorporating the steam sterilizer and is only possible if sufficient air circulation is ensured.

Steam egress can occur during operation. Do not set up the device in the immediate proximity of a smoke detector. Maintain clearance from materials which could suffer damage from steam.

## Requirements for the incorporation of a device

If the incorporation of the device is absolutely necessary, one of the following measures must be implemented:

1. The device must be able to be pulled out for operation.
2. In the installation space, there must be an exhaust air duct in the rear area which diverts the warm air upwards or actively to the rear.
3. For Vacuklav 41 B+ *Evolution* / 43 B+ *Evolution*: Switching off the DRYtelligence (menu **Settings** > **Intelligent drying**).

## Bearing capacity (without load and feed water)

Model name	Weight	Model name	Weight
Vacuvel 23 B+	50 kg	Vacuvel 41 B+	60 kg
Vacuvel 31 B+	45 kg	Vacuvel 43 B+	69 kg
Vacuvel 23 S+	50 kg	Euroklav 23 VS+	45 kg
Euroklav 23 S+	45 kg	Euroklav 29 VS+	42 kg

## Mains supply

Model name	Vacuvel 23 B+, 31 B+, Vacuvel 23 B+	Euroklav 23 S+, 23 VS+, 29 VS+	Vacuvel 41 B+, 43 B+
Electrical connection	220-240 V <sup>*)</sup> , 50/60 Hz, separate fuse protection with 16 A, residual current device 30 mA	220-240 V <sup>*)</sup> , 50/60 Hz, separate fuse protection with 16 A, residual current device 30 mA	220-240 V <sup>*)</sup> , 50/60 Hz, separate fuse protection with 16 A, residual current device 30 mA
Electrical power	2100 W (from SW v4.07)	2300 W (23 S+, 23 VS+) 2100 W (29 VS+)	3400 W
*) max. voltage range 207-253 V			



### PLEASE NOTE

You find more information regarding setting up and installation of the device in the respective Technical Manual.