

# Specifications



Uniclave 77

Uniclave 88

## Vertical Top Autoclaves Uniclave 77 & Uniclave 88

A.J. COSTA (IRMÃOS), LDA  
since 1953



<b>Model</b>	<b>Chamber volume (l)</b>	<b>Chamber (cm) (Diam. x Depth.)</b>	<b>Total dimensions (cm) (Height. x Width. x Depth)</b>
88	75	Ø40 x 60	115 x 61 x 77
77	127	Ø45 x 80	128 x 72 x 95,5
	157	Ø50 x 80	128 x 72 x 95,5

### *Programs /Cycles*

- ▶ Manually selected, with temperature regulation between 100° and 138° and time regulation from 3 to 120 minutes.

### *Technical specification*

- ▶ Both usage and visual interface;
- ▶ Sound signal indicating the end of the cycle;
- ▶ Vertical load of the sterilization chamber;
- ▶ Easy maintenance;
- ▶ Stainless steel AISI 304 construction;
- ▶ Exhaustion steam condenser equipment;
- ▶ Double security system against overpressure;
- ▶ Bacteriological filter included.

### *Accessories*

- ▶ 2 half charging baskets per sterilizer

**A. J. COSTA (Irmãos) Lda. – Desde 1953 ao Serviço Médico-Hospitalar**

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## Connections to external nets

Net	Characteristics
Power	3 ~ + N + GND 400V 50 Hz / 60 Hz 6 KW
Water	Max Pressure. 6 Bar Min. Pressure 3 Bar Connection 3/4" BSP
Drain	Material Resistance 100 °C Connection 3/4" BSP

Important Remark: With the order confirmation, please specify the electrical connection required in the installation site.

## Standard Regulations

- ▶ Directive 97/23/CE
- ▶ Norm PD 5500

## General Features

### Safety System

The vertical top autoclaves Uniclave 77 and 88 are provided with:

- A safety system against lack of water. For instance, if the equipment is On and there is no water inside the unit, the equipment will turn off automatically after the electrical resistances reach a safety temperature. This system helps maintaining the integrity and proper functioning of the electrical resistances.

- A safety system against overpressure. When the chamber pressure exceeds 2.4 bar, the equipment automatically turns off. As soon as the safety pressure is restored, the equipment turns back on. If the chamber pressure exceeds 2.6 bar, the equipment chamber automatically opens in order to reduce the pressure inside the chamber.

### Timer

The autoclaves Uniclave 77 and Uniclave 88 are supplied with a timer that counts the period of time of the sterilization level. If desired, the user is able to program the duration of the sterilization level. At the end of the sterilization level, the equipment presents audible information.

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