

Cooled Incubators

- **A+ class** cooling system: save money and conserve energy with VELP units
- Wireless Connection for TEMPSoft™, dedicated software for temperature regulation
- Temperature Regulation from +3 to +50 °C
- Auto-Tuning thermoregulation system for optimum thermal homogeneity and stability at any temperature



VELP incubators have been designed to keep any product at a constant temperature, for a wide range of incubation and test application where an accurate and precise temperature control is required, including Biochemical Oxygen Demand. For those applications where the monitoring of the sample is extremely important, VELP has developed the “I” version, a line of incubators with internal transparent door for visually examining the contents without interfering with the thermal cycle in progress.

VELP Scientifica offers four models of incubators with settable temperature:

- **FOC 120E**, 120-liter capacity with wireless connection for TEMPSoft™
- **FOC 120I**, 120-liter capacity with internal transparent door and wireless connection for TEMPSoft™
- **FOC 215E**, 215-liter capacity with wireless connection for TEMPSoft™
- **FOC 215I**, 215-liter capacity with internal transparent door and wireless connection for TEMPSoft™

VELP incubators are characterized by a **high-efficiency rate** due to their cooling system in **A+ class**, to better preserve both the environment and what is kept inside. The controlled heating and cooling thermoregulation system enables you to choose an operating temperature between +3 and +50 °C.

The **Auto-Tuning system** ensures the constant control of the internal temperature, which continuously compares the detected and set values and aligns them with a precise and rapid alignment system developed by VELP.

Features and Benefits

TEMPSoft™ Software, Wireless Connection

- Available in different languages;
- Complete control of the cooled incubator (set point, minimum and maximum temperature alarm thresholds);
- Instantly view the trend of the internal temperature on a graph;
- Automatically record the temperature trend on a spreadsheet;
- Set working ramps with different temperatures and times;
- View and record any alarms;
- Store and export test data in conformity with GLP

A+ Class Cooling System

High-efficiency and energy saving units: limited consumption and lower operating cost

Premium Performance

Wireless technology along with settable temperature, Auto-Tuning system and internal transparent door (on "I" version only)

Temperature Stability and Homogeneity

Excellent reliability is achieved: only $\pm 0.5\text{ }^{\circ}\text{C}$

Technical Data	Description
Display:	3-digit LCD display
Total volume:	FOC 120E and FOC 120I: 120 liters FOC 215E and FOC 215I: 215 liters
Settable temperature:	from 3 to 50 °C
Temperature stability and homogeneity:	$\pm 0.5\text{ }^{\circ}\text{C}$
Electronic thermoregulation system:	Auto-Tuning
Shelves (supplied; maximum)	FOC 120E and FOC 120 I: 2 (max. 2) FOC 215E and FOC 215I: 4 (max. 6)
Internal plugs	2
Capacity	FOC 120E: 3x BOD Sensor System 6 or 2x BOD Sensor System 10 FOC 120I: 2x BOD Sensor System 6 or 1x BOD Sensor System 10 FOC 215E: 5x BOD Sensor System 6 or 3x BOD Sensor System 10 FOC 215I: 4x BOD Sensor System 6 or 2x BOD Sensor System 10
Power supply:	230V-50/60Hz
Power:	FOC 120E and FOC 120I: 120 W FOC 215E and FOC 215I: 400 W
Weight:	FOC 120E and FOC 120I: 36 Kg (79.4 lb) FOC 215E and FOC 215I: 46.3 Kg (102.1 lb)
Dimension (WxHxD):	FOC 120E and FOC 120I: 540x912x550 mm (21.3x49.7x21.7 in) FOC 215E and FOC 215I: 540x1263x550 mm (21.3x35.9x21.7 in)
Ordering information Code No	Description
F10300310	FOC120E Cooled incubator
F10400320	FOC120I Cooled incubator
F10300330	FOC215E Cooled incubator
F10400340	FOC215I Cooled incubator