**Tender text**

**Franke add-on cooling unit SU12 EC Twin**

For product types A600 MS EC, A600 FM EC and A800 FM EC

The add-on cooling unit SU12 EC Twin is designed for storage of cooled milk for the preparation of coffee specialties. On top of the device is a heatable tray for the storage of cups. The add-on cooling unit SU12 EC Twin is prepared for the connection of two coffee machines.

**Technical data**

Milk storage: 1 container: 12 l

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 2 containers: á 4,5 l

Mains power connection: 220-240 VAC, 1L N PE, 0,71-0,77 À, 50-60 Hz (CH, EU, GB)

 220 VAC, 1L N PE, 0,80 À, 50 Hz (CN)

 110-127 VAC, 1L N PE, 1,33-1,70 À, 50-60 Hz (JP)

 110-127 VAC, 1L N PE, 1,54-1,70 À, 60 Hz (US, CN)

Energy loss: 0,563 kWh/24h – 220-240 VAC 50 Hz (according to DlN 18873-2)

 0,656 kWh/24h – 110-127 VAC 60 Hz (according to DlN 18873-2)

 0,627 kWh/24h – 100 VAC 50 Hz (according to DlN 18873-2)

 0,444 kWh/24h – 100 VAC 60 Hz (according to DlN 18873-2)

Cooling temperature: + 3°C to + 8°C (Milk)

Net weight: up to max. 26 kg

Dimensions: Width: 340 mm

 Hight: 544 mm (Option – Feet 7 mm)

 Hight: 585 mm (Standard – Feet 40 mm)

 Depth: 475 mm

Approvals: CE / CB / HACCP

**Device design**

All essential parts are made of stainless steel. The housing parts, the device door and the milk container with lid are made of easy-care plastic. The heatable tray for storage of cups is made of aluminium.

**Features**

The cooling unit is adapted to the design of the coffee machine and must be installed between two coffee machines and can be fixed at them. The transparent 12 liters milk container with carrying handle is connected via quick coupling system. The milk-system of the coffee machine ensures the foaming and heating up of the milk and also the optimum dosage of quantity of milk. The infinitely adjustable temperature control and temperature measurement directly in the medium ensure optimal milk temperature of + 3 ° C to + 8 ° C, which is displayed in the cooling unit and the touchscreen of the coffee machine. Level monitoring of the milk by the milk pipe sensor of the coffee machine. By the lack of milk, the products are locked. A message is displayed on the touchscreen of the coffee machine. A residual amount purchase of milk or milk-coffee products after the empty-message can be programmed at the connected coffee machine. The door with replaceable profile seal is lockable with cylinder lock. Separate main switch and the temperature control located behind the device door.

**Customer settings**

Customers can adjust parameters as for example the milk temperature or the quantity of the milk via the touch screen of the coffee machines. The backup of the product settings is carried out on the internal memory or via the usb interface. The access can be individually defined and secured with PIN-code.

**Billing systems**

Product billing of the prepared products is possible via the connected coffee machine which can be connected to commercial billing systems such as a coin validator, coin changer or card reader via an MDB interface. Integrated counters per product purchase and total product purchase.

**Cleaning system EC EasyClean**

The integrated, automatic rinsing and cleaning system EasyClean for the entire preparation area makes maintaining the device easier. The special system cleaner (free of both DDAC and BAC) ensures maximum cleaning quality, optimum hygiene and uniform product quality. Visual user guide and display of cleaning steps on the touch screen of the coffee machine. The milk container is simply replaced by the two supplied cleaning containers. They are connected via quick coupling system with the refrigerator. The necessary hot water quantity is automatically added to the supplied cleaning containers by the connected coffee machine once the cleaning program has started. Programmable starting time for rinsing the media lines, even up into the cooling unit and for the product spout of the connected coffee machine, e. g. directly after each product preparation or three minutes after the last preparation.

**Options**

For the use of two different types of milk, it is possible to order 2 milk containers with a capacity of 4,5 liters each. For example, whole milk and low-fat milk can be used for the preparation of coffee specialities. Lactose free milk as a second type of milk is possible. A red and a blue clip is used to identify the container. Separate monitoring of milk temperature and regulation of both types of milk. Separate cleaning of the machines is possible. One machine is cleaned, the second is still available for product preparations.

**Manufacturer** Franke Kaffeemaschinen AG (ISO 9001 certified)