# Central cooling station for 1 dispenser –

# ZKS-UK 1

**Dimensions**

Length: 890 mm

Width: 600 mm

Height: 930 mm

###### Application

The central cooling station is used as a docking station with convection cooling for a maximum of 1 ZKS dispensers (UNI 60/60 ZKS or UNI 88/60 ZKS, each compatible to the central cooling station).

The universal dispenser is used to pre-cool system dishes and keep them cold, as well as to keep pre-portioned food cold.

The central cooling station is connected to a customer-supplied refrigeration system.

###### Model

**Design**

The central cooling station is designed as a fixed-position floor unit and stands on four feet made of AISI 304, which can be adjusted to compensate for uneven floors.

The cooling station is permanently anchored to the floor with one fixing disk for each foot. The fixing disks are included in the scope of delivery.

The unit body is made of AISI 304 and is resistant to bending and twisting. The surface is micro-polished. The body is double-walled and insulated with polyurethane (PU) foam panels.

Docking centring devices ensure optimum docking of the dispenser on the central cooling station.

Two all-round sealing frames are located on the air circulation openings positioned on the front to minimise the cold loss when the dispenser is docked. For easier, safer locking of the dispenser, the central cooling station is equipped with an electromagnetic shear lock in the bottom area. Push-in synthetic profiles in the body ensure thermal separation of the exterior and interior body. These are used to avoid cold loss and the formation of condensation water.

The central On/Off switch, the digital temperature control and the button for deactivating the electromagnetic shear lock are located on the right below the top surface on the operator side.

The power connection cable with a Schuko plug and the connections for the refrigerant and the condensation water are guided out of the unit on the side – either on the left or the right.

##### Active convection cooling

Cooling is controlled by the digital temperature control.

One air intake opening is located at the top and one air exhaust opening at the bottom in the body. If the docking area is not occupied with a dispenser, the respective air openings are closed with self-closing stainless-steel flaps.

When it is docked correctly, the electromagnetic shear lock locks the dispenser in place and connects it securely to the central cooling station. A contact switch integrated in the magnet activates the convection cooling. The cold air is blown into the dispenser by a convection fan via the lower air exhaust openings and guided back out of the dispenser and into the central cooling station through the upper air intake opening. The air guidance ensures optimum circulation of the cold air in the dispenser.

To separate the dispenser from the central cooling station, the electromagnetic shear lock is deactivated by the operating personnel by pressing a button. The dispenser can then be removed. Removing a dispenser from the central cooling station causes cooling to be switched off immediately.

The interior temperature of the dispensers can be regulated down to the degree from +4 °C to +12 °C using a digital temperature control.

**Accessories/options**

* Refrigerant either R134a or R404A
* Wall-mounted model
* Refrigeration connection and power connection cable on either left or right
* Condensation water drain on either left or right

##### Technical data

Material: AISI 304

Insulating material: Polyurethane (PU)

Weight: 50 kg

Capacity: Max. 1 ZKS dispensers

Refrigerant: R 134a or R 404A

Temperature range: can be regulated down to the degree

from +4°C to +12°C, at an ambient temperature of +32°C

Connected load: 220-240V AC/50 Hz/0.1 kW

Refrigerating capacity to be installed:

0.6 kW (at t0 = -10 °C)

Emissions: The workplace-specific noise level of the unit is less than   
 70 dB(A)

**Special features**

* Active convection cooling
* Connection to a customer-supplied refrigeration system
* Thermal separation
* Electromagnetic shear lock for easy, safe locking of dispensers
* Protection type IP X5

**Make**

Manufacturer: B.PRO

Model: ZKS-UK 1

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