



Picture 1

## **AUTONOMOUS PORTABLE SHOWER PROTECTIVE UNIT** **(Extreme cold)**

### **PROTECTIVE UNIT:**

Made with thermoplastic polypropylene.  
 Rigid, resistant to impact and cracking.  
 Rot-proof, polypropylene hinges.  
 Inert to aggressive atmospheres (petrochemical industry, marine...).  
 Equipped with a green door, watertight seal and a PC window.  
 INDICE IP59K (TÜVRheinland)  
 Size : H 655 x L 314 x D 239 mm.  
 Weight : 2 kg (2.8 kg cardboard included).



### **ANTI-FREEZE PROTECTIVE UNIT:**

Dimensions : H 655 x L 314 x D 239 mm.  
 Weight : 3.1 kg (3.9 kg cardboard included). A heater kit is integrated into the standard unit to maintain the solution of DAP up to - 30 ° C, when the units are placed in unheated locations. It consists of 2 sheets metal grounded , an auto-regulated warming cable (the black thermostat placed at the bottom of the protective unit is activated from 5°C and switched off at 15°C).  
 Some average values:

From -30°C at -15°C	-10°C	From 5°C at 10°C
+30°C	+28°C	5°C at 10°C

- Temperature inside the location  
 - Temperature of the solution



### **INCLUDED ITEMS AND INSTRUCTIONS FOR INSTALLATION:**

- Delivered items :
  - A plastic protective unit :
    - An extreme cold option:
      - A heater kit (thermostatically controlled resistance of 150 W, 353 Ω)
      - 2 meters outgoing cable H05 VVF 3G1.5 mm<sup>2</sup> already connected to the heater kit with 2 poles + 1 ground without receptacle
      - A foam thermal protection on the door
  - A DAP (not yet used)
  - Descriptive signs (in the case of a new DAP)
- Installation of the protective unit in an accessible place, close to the risk (if possible undercover from the sun) :



- Take the DAP out of protective unit
- Hang the protective unit using pre-drilled holes in the box. The box must be placed with door hinges on the left side in order to guarantee water-tightness (picture 1). (Recommended height: the top of protective unit at 1,10 m from floor)
- An extreme cold option : plug the protective unit without the DAP inside (if temperatures outside are negative) according to the electric recommendations here-below :

**The protective unit must be connected with an electric installation of 220/240 V, protected by a safety system from the short circuit (2A mini) and a differential of sensibility 30mA, in accordance with indications of standard NF C15100.**

**Be careful: the electric cable must not be put directly on the floor.**

- Replace the DAP, complete with the flexible hose, into the protective unit and position the DAP with the label showing the name of the products, so that it can be seen through the window.
- Close the protective unit with the 2 clasps and check the positioning of the door in order to guarantee water-tightness.

- Maintenance of the option « extreme cold »:
  - Check that the heater kit is always connected to the ground
  - Check the closure of the door
  - Check that the heater kit is functioning (heat discharge). Be careful : the heater kit will only work at temperatures below 5°C.

In case of failure or non-operating, do not change or dismantle the heater kit.  
 The protective unit is only predicted for Prevor's Autonomous Portable Shower.  
**Do not use the protective unit for other products or various applications.**

