

Open Only

Technical File
NF036 C

DECO1 - DECO1-10

Description - General information

MCS with pneumatic evacuation for single use PSC

Smoke exhaust control box with metal casing, in red.

Manually controlled pin hammer.

On the front, a plastic ejection flap gives access to the pin hammer. (depending on the model)

Space for spare cartridge.

Delivered with plastic seal.



NF - Control devices
for Fire Safety Systems
www.marque-nf.com



DECO1
cover with
ejection flap



DECO1-10
cover without
ejection flap

Pre cut-out for pipe connection



Product delivered with markings translated

Product Identification

inner label



Information on label

(from top to bottom)

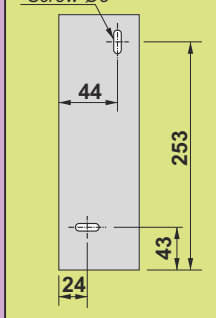
- Manufacturer 's name
- Manufacturer 's certification number
- Certification body
- Article code
- Lot number
- DCM output pressure (in use)

Maximum grammage DECO1

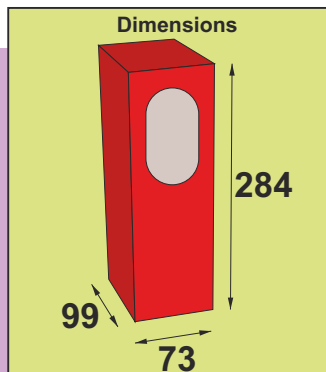


Between fixings

Screw Ø5



Dimensions



Cartridges must be screwed in place manually.

NF - Control devices for F.S.S.

This mark certifies :
- conformity to the norm NF S 61-938 for S.C.P.s
- the values of the characteristics given in this technical file.
Certification Body
AFNOR Certification - 11 Rue F. de Pressensé
93571 LA PLAINE SAINT DENIS CEDEX

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DECO1 - DECO1-10

REMINDER :

Height of installation: § 9.1 of the NFS 61-932

The safety device to be used should be fitted at a height of between 0.90m and 1.30m from the ground.

Pipes and connections: § 7.2 of the NFS61-932

Pipes should be made entirely of copper or stainless steel. Connections should be airtight, metal against metal.

Pneumatic piping should run through the interior of the building, to avoid the risk of freezing.

Performance and testing: § 6.4 of the NFS61-932

The calculation to define the capacity required should be based on the characteristics of the components of the system to be fed and should take into account the characteristics of the circuit.

The pressure should be checked using a specialised tool (for example a pressure gauge) in order to make sure that the pressure present in the circuit corresponds to this calculation. In addition, this tool will check the airtightness of the circuit.

Installation

Lift and swivel the front cover to open the box.

Check that the wall or hanging surface is completely flat, in order to ensure that the box is fitted correctly.

Fix the back of the box to the wall or hanging surface.

Connect the box to the copper circuit.

Put the pipe into the joint, tighten manually and then with a spanner, until it is secure. (1.5 turns maximum)

Testing

Check that the lever is in the up position.

Screw the CO² cartridge in place MANUALLY.

Carry out the manual triggering action by pulling down on the lever.

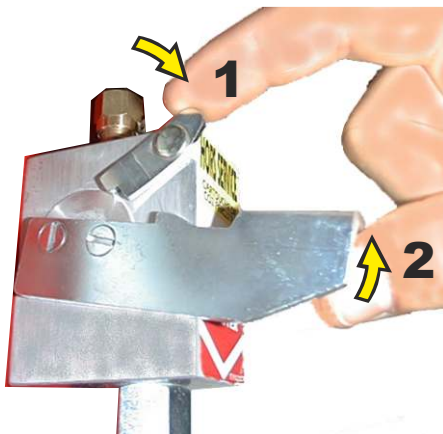
Drain the CO² from the circuit by unscrewing the cartridge.

Proceed to the resetting of the box. (See below)

Resetting

Unscrew the pierced cartridge.

Push back the small blocking bar (1) and raise the pin hammer lever (2).



Installation (continued)

Screw the cartridge onto the pin hammer.

Put the spare cartridge in place.

Use the pre cut-out on the cover to pass through the pipe.

Put the flap in place on the cover.

Swivel the front cover up and attach it at the top .

Fix the seal in place.



SMOKE EXHAUST use

In the case of a fire, pull open the flap and press down on the lever.

Maintenance

THE PRODUCT, every 6 months.

Check that everything is in good working order.

Check the condition of the pins.

INSTALLATION, see according to norm NFS61-933

Easy installation, useful material

To carry out the installation of this product, you will need the following :

Pressure control kit	KIP01
Copper piping	TCB506
Copper reel	TCC2506
Straight joint	RAU2621
T joint	RAU2623
Elbow joint	RAU2622
Steel piping	TAT2508
Metal trunking	GM201
Plastic trunking	GP2210
CO ² Cartridge	CARDE50.....

Technical Characteristics

Material	: Steel, brass, aluminium.
Protection	: Zinc coating: RAL3000
Safety measures	: To be handled with the fingers, paint RAL3000.
Force to be applied	: < 5 daN.
Protection index	: IP42.
Energy	: Co ² or inert gas.
DCM exit	: Olive screw connection
Temperature during use	: + 5°C to + 50°C
Pressure	: operating = 3 to 20 bar
	: in use = 60 bar
	: during testing = 90 bar.
CO ² cartridge pitch	: 15 x 125
Precautions	: Stock and install away from bad weather conditions.

