SPECIFICATIONS

EFC smokExpel device

The opening device for heat and smoke extraction systems is made up of an extruded aluminium section frame (UNI 6060), natural anodized colour, hinged on the basement, by aluminium hinges with a stainless steel core. The system is composed of galvanized steel brackets, stirrups and lever to enable the turning over up to 160°, pneumatic cylinder Ø(A)…….with mechanic stop anti turning over embedded, thermal valve calibrated at (B)……compressed gas cylinder Co2, external opening handle for check-ups and maintenance.

COMPLEMENTARY NOTES

(A) -x *flap side of cm 150*: cylinder p. of Ø cm 6,3-stroke cm 10 4,5
-x *flap side of cm 120*: cylinder p. of Ø cm 6,3-stroke cm 91,5
-x *flap side cm 100*: cylinder p. da Ø cm 6,3-stroke cm 78,5
-x *flap side of cm 80*: cylinder p. da Ø cm6,3-stoke cm 55,5
(B) 68° o 93°

Optional:

- Ø It is possible to connect EFC **SmokExpel"** to the centralized smoke and heat **extraction system**
- Ø it is possible to use EFC SmokExpel" for a daily ventilation, by adding a 220 V electric device

the two above-mentioned options do not compromise the EFC independent (self-contained)a functioning.

System maintenance:

In order to guarantee the continuous efficiency of the smoke and heat extraction system, and make HSE ready to operate in every moment, it is necessary to plan a periodical check up:

Every 6 months:

- manually open the SmokExpel
- check the weight of co2 cartridge and compare it with the one printed on its body and replace the cartridge if the weight is less than 10% ;
-verify the state of the thermal valve (needle and spring must not have rust spots and the point must be sharp , or it will need to be replaced.
verify the insertion of the valve.

Every year:
The Same check as the six-monthly check and suggested replacement of Co2 cylinder;
Automatic opening on some HSE with simulation of fire as it is advised for the testing.
(25% of the total with a minimum of two instruments making a rotation every year)

Every two years:
The same test as the yearly test
replace the fitting out springs of thermal valves
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