

VALVES AND ACCESSORIES



The valves pierce the CO₂ cartridge in response to a thermal or electric (when the pyrotechnic device is installed) signal. The CO₂ flows into the cylinder and causes the window opening.

Ultraflex Control Systems was in 1985 the first company in Italy starting the production of these emergency systems, contributing operatively and technically to carry on the experimental tests coordinated by the “National Center for Fire Prevention”.

The Ultraflex Control Systems valves grant a safe operation in case of fire and have been tested by an authorized Institute according to the UNI 9494 regulations.

The valves are supplied with the 68°C (180°F) fusible link.

Available on request other temperatures calibrated fusible links.

CO₂ cartridge are to be ordered separately.

⚠ The instructions for a safe installation are included in the section “SECURITY WARNINGS”



THERMAL VALVE WITH FUSIBLE LINK

PART No. 36751B

It is screwed directly to the cylinder (instead of one of the two nipples).

The pin pierces the CO₂ cartridge when the temperature reaches the fusible link set value (68°C).

The thermal valve is arranged for the pyrotechnic device application, also successively.



THERMAL VALVE WITH FUSIBLE LINK WITH 1/8" THREAD

PART No. 40242E

Same features as thermal valve part No. 36751B: the 1/8" thread allows a direct connection to copper tubes by standard nipples (not supplied).

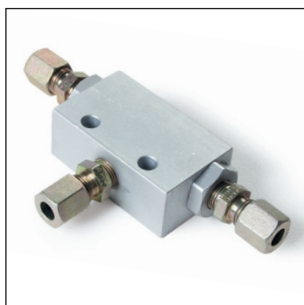


THERMAL VALVE WITH SELECTOR

PART No. 36756G

It has the possibility to operate the cylinder by another energy supply such as a manual valves control box or a compressed air system.

It is supplied with connectors for the direct installation to cylinders and for connection to copper tubes.



SELECTING VALVE

PART No. 36753D

It can be installed in any point of the system and allows to feed the cylinder by different energy supplies such as a manual valves control box or a compressed air system.

It is supplied with nipples for the copper tube connection.



MANUAL VALVE FOR VENTILATION

PART No. 37878Y

Connected to a compressed air line, it allows the window opening and closing for daily ventilation. The five ways valve with exhaust centres leaves the feeding ways free to enable the automatic operation in case of emergency.

It has 1/8" attacks and standard connectors are supplied for the 6x8 mm Rilsan tube.



MANUAL VALVE CONTROL BOX

It is the opening manual remote control requested by the UNI 9494.

In case of fire for the operation it is necessary to break the glass and pull the lever down in order to obtain the punching of the CO₂ cartridge internally installed.

It is in red painted metal and provided with a sealable lock to prevent possible tamperings.

The cartridges are to be ordered separately, according to the needs

Available versions:

for cartridges from 18 up to 50g PART No. 36453R

for cartridges up to 500g PART No. 40389F



CO₂ CARTRIDGES

Standard sizes available
(coupling to fusible link 68°)

18g PART No. 56066O

30g PART No. 56071L

50g PART No. 56876X

75g PART No. 56878B

100g PART No. 57021C



FUSIBLE LINKS

Red: 68°C

PART No. 56901H

Green: 93°C

PART No. 58002C

Blue: 141°C

PART No. 59501R