

PRODUKCJA, DYSTRYBUCJA SPRZĘTU PPOŻ I BHP

Certyfikat ISO nr JS-311/1/2022

SUPRON3

WWW.SUPRON.PL

We create for Your safety!

About us

Our company has been founded in 1992. From the beginning, we've been focusing to provide the highest quality standards of products and customer service.

We are a leading manufacturer of fire-fighting equipment:

- internal hydrants,
- protective cabinets,
- fire hoses

In 2016 we moved to a new facility where we have a modern machine park and improved design and manufacturing capabilities. Thanks to the investments made, we are able to realize even the most unusual order.

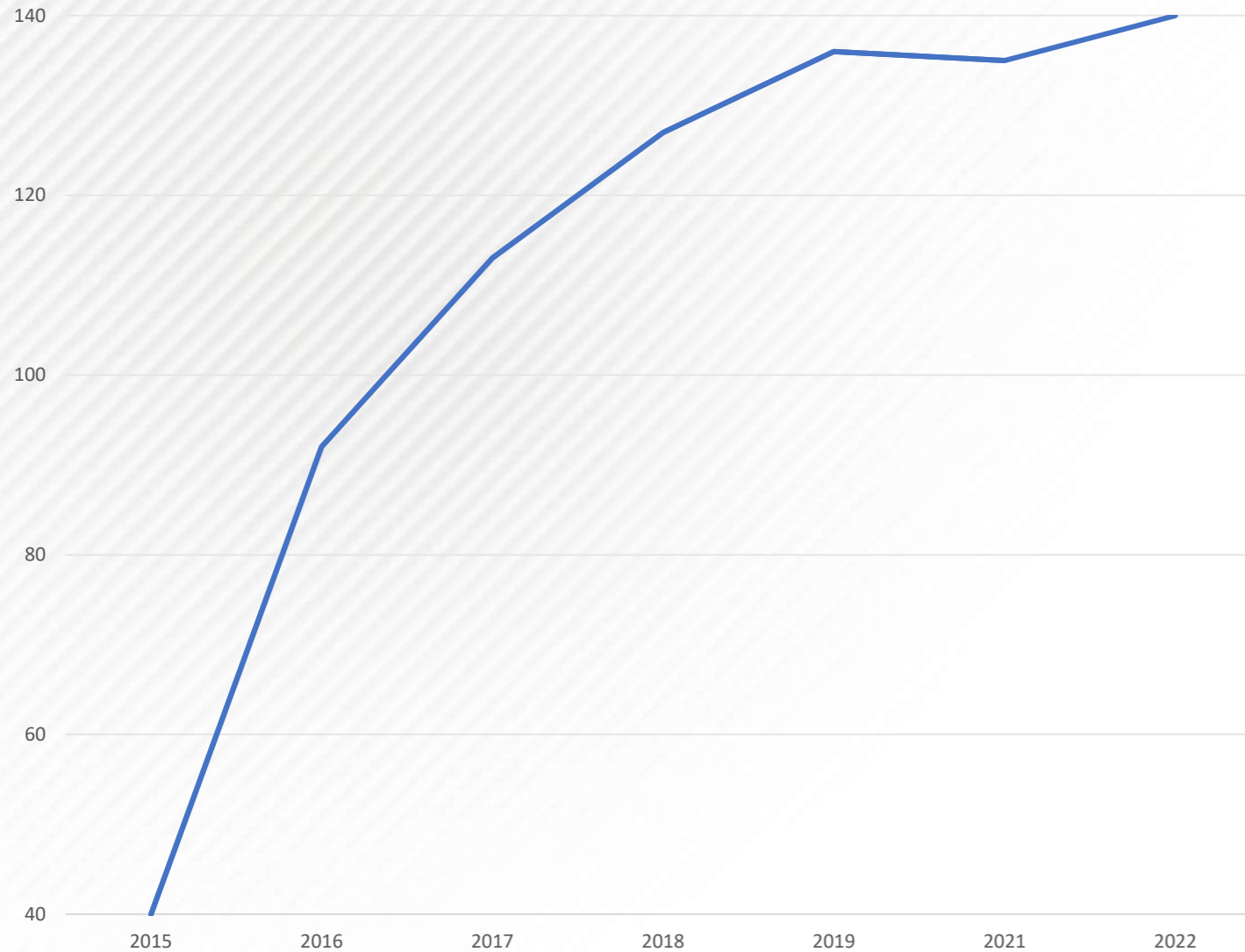


Modern machine park



We create for Your safety!

Employment



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Foreign markets

Our main foreign markets are Germany, Latvia, Lithuania, Romania.

We also sell our products in whole Europe, Asia and Africa



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Export turnover [mln EUR]



**Fixed firefighting systems
– hose systems –
are
Construction products
with
Intended use:**

Fixed installations to provide the occupants of a building the means to control and extinguish a fire nearby

Certificates



CERTYFIKAT

Nr JS - 311/1/2022

Potwierdza się, że:

Przedsiębiorstwo Produkcyjno-Ustugowo-Handlowe "SUPRON 3" Sp. z o.o.
ul. Sadownicza 6, 26-600 Radom

spełnia wymagania

PN-EN ISO 9001:2015-10 i PN-EN ISO 14001:2015-09

w następującym zakresie:

projektowanie, produkcja i dystrybucja wyrobów metalowych oraz sprzętu przeciwpożarowego i bhp

na co dowodu dostarczył audit przeprowadzony przez Polskie Centrum Badań i Certyfikacji S.A.

Certyfikat pozostaje w mocy pod warunkiem przestrzegania przez Organizację wymagań powyższych norm.

Okres ważności certyfikatu:
od 20.05.2022 do 19.05.2025

Wydany na podstawie umowy nr 1663/JS/6/2022
Data decyzji o certyfikacji: 12.05.2022
Certyfikat opatrzony podpisem kwalifikowanym,
Warszawa, 18.05.2022 r.





Alexandra Kostusiewicz
Prezes Zarządu

POLSKIE CENTRUM BADAŃ I CERTYFIKACJI S.A. 02-644 Warszawa, ul. Puławska 469, tel. +48 22 46 45 200, e-mail: pcbc@pcbc.gov.pl



Building trust together.

Certificate

PCBC has issued an IQNet recognized certificate that the organization:

Przedsiębiorstwo Produkcyjno-Ustugowo-Handlowe "SUPRON 3" Sp. z o.o.
ul. Sadownicza 6, 26-600 Radom, Poland

has implemented and maintains an

Integrated Management System

for the following scope:

design, production and distribution of metal products as well fire and safety equipment

which fulfils the requirements of the following standards:

PN-EN ISO 9001:2015-10 and PN-EN ISO 14001:2015-09

Issued on: 20.05.2022
Expires on: 19.05.2025

Registration Number: **PL - JS - 311/1/2022**

Alex Stoichitoiu
President of IQNET

Alexandra Kostusiewicz
President



The attestation is directly linked to the IQNET Partner's original certificate and shall not be used as a stand-alone document.

IQNET Members:
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The list of IQNET Members is valid at the time of issue of this certificate. Updated information is available under: www.iqnet-certification.com



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REGULATIONS

EN-671-1:2012 Fixed firefighting systems – Hose systems –

Part 1: Hose systems with semi-rigid hose

PN-EN 694:2014 Fire-fighting hoses – Semi-rigid hoses for fixed systems

EN-671-2: 2012 Fixed firefighting systems – Hose systems –

Part 2: Hose systems with lay-flat hose

PN-EN 14540:2014 Fire-fighting hoses – Non-percolating layflat hoses for fixed system

HYDRANT - DEFINITION

EN 671-1:2012
Point 3.3

Manual fire hose reel; manual hose reel

firefighting appliance consisting of a reel with water supplied through the centre, manual inlet stop valve adjacent to the reel, semi-rigid hose, shut-off nozzle and, where required, a hose guide

EN 671-2: 2012
Point 3.3

Fire hose system; hose system

firefighting appliance consisting essentially of a cabinet or cover, hose support, manual stop valve, lay-flat hose with couplings, shut-off nozzle

HOSES - REQUIREMENT

EN 671-1:2012

The hose shall be semi-rigid
and according to EN 694

Inside diameter of the hose:

19 mm
25 mm
33 mm

The length of the hoses shall
be in one piece and should
not exceed 30m

EN 671-2: 2012

The hose shall be lay-flat
and according to EN 14540

The inside diameter of the hose shall be
maximum 52 mm

EN 14540:2014 allowed inside diameter:
25, 38, 40/42/45, 50/51/52

For handling reasons the length of the
hose should not exceed 20m

MAXIMUM WORKING PRESSURE / EFFICIENCY

EN 671- 1:2012

19 mm, 25 mm – 1,2 MPa
33 mm – 0,7 MPa

Table 1 — Minimum flow rates and minimum K-coefficient according to pressure

Nozzle- or equivalent diameter mm	Minimum flow rate Q l/min			K-coefficient ^a
	P = 0,2 MPa	P = 0,4 MPa	P = 0,6 MPa	
10	59	84	102	42
12	90	128	156	64

^a Flow rate Q at a pressure P is related to the equation $Q = K\sqrt{10P}$, where Q is in l/min and P is in MPa.

Flow rate /efficiency/	Pressure [MPa]	hose 30 mb	
		Dispersed stream	Compact stream
Equivalent diameter 10	0,2	61 l/min	60 l/min
Equivalent diameter 12	0,2	107 l/min	90 l/min

EN 671- 2: 2012

1,2 MPa

Table 1 — Minimum flow rates and minimum K-coefficient according to pressure

Nozzle- or equivalent diameter mm	Minimum flow rate Q l/min			K-coefficient ^a
	P = 0,2 MPa	P = 0,4 MPa	P = 0,6 MPa	
13	120	170	208	85

^a Flow rate Q at a pressure P is related to the equation $Q = K\sqrt{10P}$, where Q is in l/min and P is in MPa.

Flow rate /efficiency/	Pressure [MPa]	Dispersed stream	Compact stream
Equivalent diameter 13 mm	0,2	172 l/min	155 l/min

CABINET

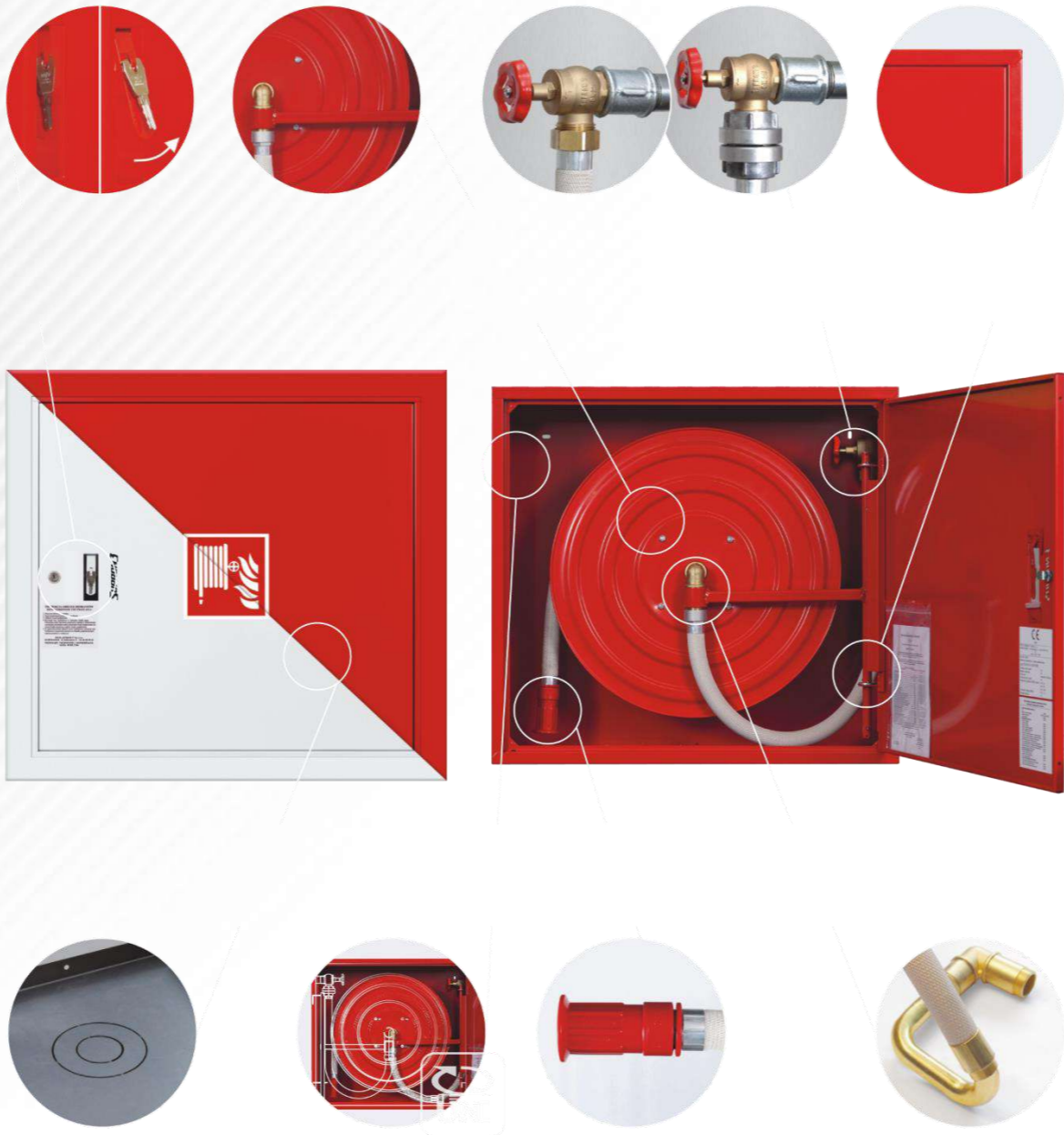
EN 671-1:2012

EN 671-2: 2012

Cabinet may also be used to contain other firefighting equipment, provided that the cabinet is of sufficient size and the equipment does not interfere with the prompt use.



SUPRON 3 INTERNAL HYDRANTS



We create for Your safety!



Universality. Very easy change of the right / left side water connection by rotating the cabinet by 180°.

Possible to connect to water supply as left or right side. Holes for water connection are blanked, enable to connect to water pipe 1" or 2". Offers six possibilities of connections: from the side, rear and above.



System of covered/unseen hinges

This solution offer high quality aesthetic performance, smooth door on whole surface and possibilities to open the door for 180°. Only this solution meets the high requirements of interior design.



Lockable cabinet shall be provide with an emergency opening device, which may be protected only by transparent frangible material. Innovative solution for key fixing

This allows us to use PATENT lock in non standards versions i.e. with glass or mirror. Hydrant is locked and there is no need to use additional cabinet for key.



Hose reel DN25 and DN33

Only in red colour (RAL 3000)

Hinged for 180°, with water axis and brake for controlling the unwind force



Crimping the nozzle and the water axis

The elimination of clamps makes the connections a guarantee of tightness regardless of the passage of time.

As a result, the time of annual hydrant inspections is significantly reduced.



25 brass hydrant valve Supron 3 manufacturing

We have eliminated the problem of "sticking" of the threaded aluminum-aluminum connection





Internal hydrant DN33

Hydrant cabinet GALVANIZED steel sheet lacquered with Facade type polyester powder paint
in red (RAL 3000) or white (RAL 9003)



Hydrant valve

Standard hydrant valve 52 with slant reduction

Option ball valve 32





Hydrant hose 52

SUPRON 3 production according to: PN-EN 14540:2005(U).

Hose couplings crimped with aluminum sleeve



Nozzle connection with hose

nozzle crimping with sleeve

nozzle connected with adapter

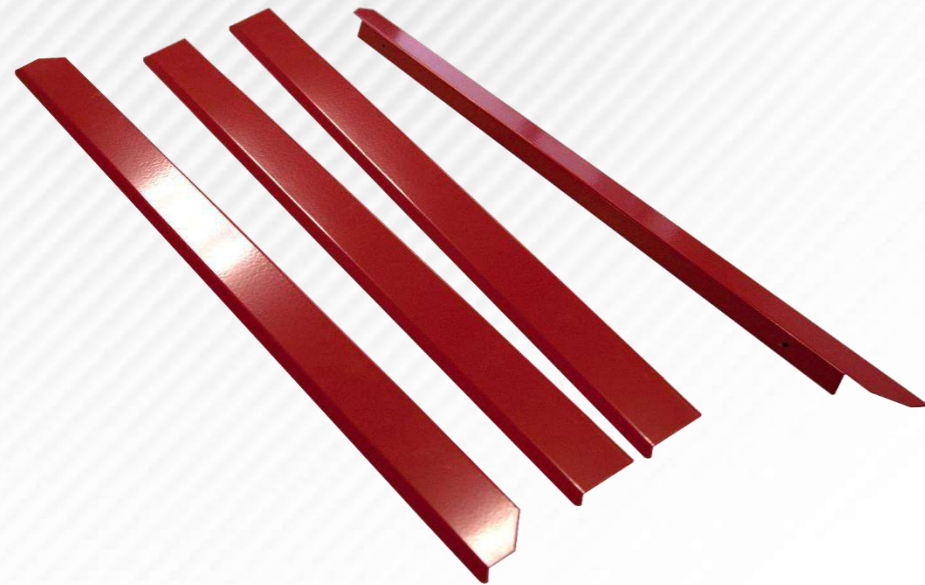


Hydrant 52 valve

52 aluminum valve in standard

52 brass valve with aluminum adapter

Frame for internal hydrants
monted in recess.



SUPRON 3 HOSE SYSTEMS



Internal hydrants
 $\varnothing 19$



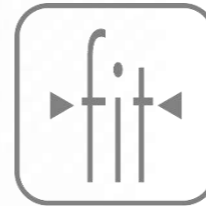
Internal hydrants
 $\varnothing 25$



Internal hydrants
 $\varnothing 33$



Internal hydrants
 $\varnothing 52$



Internal hydrants $\varnothing 25$ FIT



Internal hydrants with constance flow

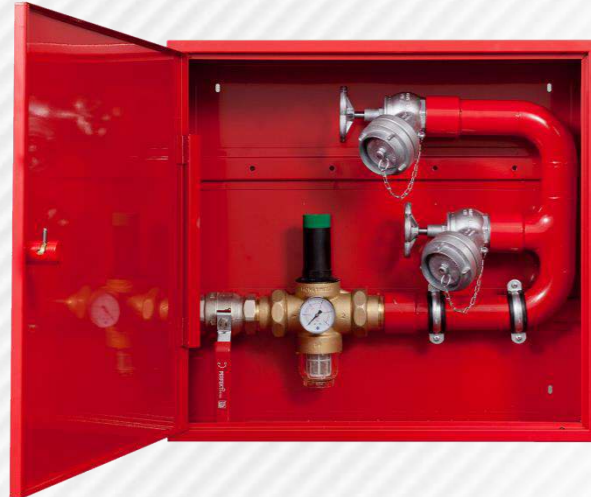


Internal hydrants with place for fire
button



Internal hydrants with heating and
thermal insulation

HYDRANTS WITH CONSTANT FLOW



Design and solution for :

- buildings where hydrants and valves are connected with other fire protection systems (sprinklers)
- buildings where hydrants are supplied with water from pump station
- in high office buildings which have their own pumping station and there is needed to install all types of internal hydrants

Thanks to the technical solutions, the compact size, ease of use and maintenance these hydrants facilitate design, construction and supervision of installation of fire protection in the building and directly contribute to the reduction of investment costs.

Hydrants have been tested by polish notified body CNBOP-PIB. The results confirm hydrants constant flow, which is not affected by a change in the supply pressure.

HYDRANTS WITH CONSTANT FLOW



We create for Your safety!

HYDRANTS WITH HEATER AND INSULATION



Hydrant cabinet insulated by material with thermal conductivity $0.0359 \text{ [W/m}^*\text{K]}$
150W heating element with thermostat, 230V



INTERIOR DESIGN

Hydrant, more and more often in addition to the basic function of fire protection, also acts as an interior design element. We offer hydrants with glass and any graphics, such as company logo, photo of the product or project and any laser cut pattern



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INTERIOR DESIGN

Laser cutting graphics on the fire hydrant door



OTHER PRODUCTS – Fire extinguisher cabinets



OTHER PRODUCTS – Cabinets for fire fighting equipment



OTHER PRODUCTS – Cabinets for fire fighting equipment



30 lat Tworzymy dla Twojego bezpieczeństwa!

OTHER PRODUCTS – Gas cabinets



30 lat Tworzymy dla Twojego bezpieczeństwa!

OTHER PRODUCTS – Cabinets for other equipment



OTHER PRODUCTS – Masking frames



OTHER PRODUCTS – Manifold cabinets



Thank you for your attention 😊