Przedsiębiorstwo Produkcyjno Usługowo Handlowe SUPRON 3 Spółka z o.o.

SUPRON 3

W W W . S U P R O N . P L

Certyfikat jakości wg PN-EN ISO 9001:2015-10

INTERNAL HYDRANT DN52 MOUNTED ON THE WALL WITH BASKET– SIDE VERSION
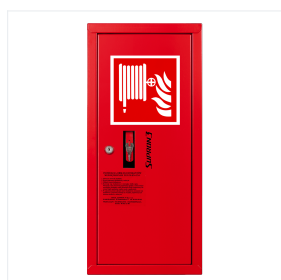
Product symbol	Product code
PN-EN 671-2C-3/52-20 -side version	S-52-C3B20
PN-EN 671-2C-3/52-15 -side version	S-52-C3B15

Internal hydrant DN52 mounted on the wall with φ52 mm lay-flat fire hose in a basket - side version. Holes for water connection are blanked. Working pressure from 0,2 to 0,7 MPa.

Hydrant weight: about 23 kg

Europallet (120 x 80 x height up to 200 cm): 12 pcs.

HYDRANT DIMENSION:
Height: 550 mm
Width: 250 mm
Depth: 550 mm

RECESS DIMENSION:
Height: n/a
Width: n/a
Depth: n/a

SUPPORTING LEGS: (option)
Height: 800 mm
Amount: 2 pcs.

Hydrant protected by:

- trademark established by protective law no 185129
- EU industrial design no 001777418-0002
- utility model nr 62999
- utility model nr 64713

Standard design:

- hydrant cabinet STANDARD – steel sheet lacquered with Facade type polyester powder paint in red (RAL 3000) or white (RAL 9003) color; thanks to cover hinge cabinet door are opening for 180º
- 52 hydrant valve
- hose support – hose basket in RAL 3000 color
- lay flat hose φ52 mm 15 m or 20 m length according to PN-EN 14540:2005(U)
- hydrant nozzle type PWh-52 according to PN-EN-671-2, fixed connection to fire hose by crimping the nozzle with aluminum sleeve
- hose couplings crimped with aluminum sleeve
- Patent lock
- marking: sign "Hydrant" according to PN-EN ISO 7010:2012 + information plate according to PN-EN 671-1
- documentation: instruction of assembly and maintenance
- guarantee card
- identification number

HYDRAULIC PROPERTIES

Working pressure: from 0,2 MPa to 0,7 MPa

Diffused conical water stream – not less than 45 degree.

Flow rate /efficiency/	Pressure [MPa]	Dispersed stream	Compact stream

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Equivalent diameter 13 mm	0,2	172 l/min	155 l/min
	0,4	244 l/min	220 l/min
	0,6	299 l/min	270 l/min
Factor K	–	**122**	**110**
Effective range of the water jet projection (plus the length of the hose 15 m or 20 m)			
Equivalent diameter 13 mm	0,2	5,4 m	10,8 m
	0,4	8,1 m	17,1 m
	0,6	9,9 m	19,8 m

Attention! The dependence of the flow rate Q on the pressure P is given by the equation: $Q = K\sqrt{10P}$, where Q is expressed in liters / minute and P in megapascals.

POSSIBILITY OF IMPLEMENTATION

GALVANIZED STEEL SHEET

Lacquered with **Facade** type polyester facade paint. Solution resistant to atmospheric condition and UV radiation

INOX

Stainless steel type 304 with 240 cut or 316L. In aggressive environment (e.g. swimming pools) recommended is only 316L steel

LASER-CUT PATTERN

On the door, using a laser cutter, we can cut any pattern, lettering or logo

SAFETY GLASS

Door with matt or transparent glass. Any graphic can be used

PLEXI WINDOW

Window in door protected by plexi

INDIVIDUAL COLOR

Any color from RAL pallet

NON-STANDARD DIMENSIONS

Possible to adopt dimensions to customer request

DOUBLE BASKET

Possible to install double basket for additional hose

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NOZZLE CRIMPING

- nozzle crimping with aluminum sleeve in standard
- nozzle crimping with brass sleeve

NOZZLE CONNECTION WITH HOSE

- nozzle crimping with sleeve
- nozzle connected with adapter

52 HYDRANT VALVE

- 52 aluminum valve in standard
- 52 brass valve with aluminum adapter

TYPE OF LOCK

PATENT LOCK

Large quantity of cabinets can be opened with one key. The key for emergency opening is located behind the safety glass.

EURO LOCK

Twist lock adapted to put seal on.

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