## INTERNAL HYDRANT DN52 MOUNTED ON THE WALL - UNIVERSAL



## Product symbol Product code <br> N-EN 671-2C-2/52-20 S.52-C220

Internal hydrant DN52 mounted on the wall with $\varphi 52 \mathrm{~mm}$ lay-flat fire hose in a cradle. Depth 180 mm . Universal design: possible to connect to water supply as left or right side. Holes for water connection are blanked, possibility to connect from the side. Working pressure from 0,2 to $0,7 \mathrm{MPa}$.


## HYDRANT DIMENSION: <br> Height: 520 mm

.380 mm

Hydrant protected by:

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


## Europallet $(120 \times 80 \times$ height up to 200 cm$): 36$ pcs.

## RECESS DIMENSION: <br> Height: $\mathrm{n} / \mathrm{a}$

SUPPORTING LEGS: (option)

Depth: 180 mm
Wiath: $\mathrm{n} / \mathrm{a}$
Depth: $\mathrm{n} / \mathrm{a}$
Height: 920 mm

- 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 $180^{\circ}$
- 52 hydrant valve
- hose support - cradle in RAL 3000 color
- lay flat hose $\varphi 52 \mathrm{~mm} 15 \mathrm{~m}$ or 20m 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
- instruction of change from right to left side
- guarantee card
- identification number


## HYDRAULIC PROPERTIES

Working pressure: from $0,2 \mathrm{MPa}$ to $0,7 \mathrm{MPa}$
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 | $172 \mathrm{l} / \mathrm{min}$ | $1551 / \mathrm{min}$ |
| :---: | :---: | :---: | :---: |
|  | 0,4 | $2441 / \mathrm{min}$ | $2201 / \mathrm{min}$ |
|  | 0,6 | $2991 / m i n$ | $2701 / \mathrm{min}$ |
| 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 | 5,4m | 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: $Q=K \sqrt{ } 10 P$, 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


PLEXI WINDOW
Window in door protected by plexi

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


INDIVIDUAL COLOR
Any color from RAL pallet


LasEr-CUT PATTERN
On the door, using a laser cutter, we can cut any pattern, lettering or $\log 0$


NON-STANDARD DIMENSIONS
Possible to adopt dimensions to customer request


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


## NozzLe CRIMPING

- nozzle crimping with aluminum sleeve in standard
- nozle crimping with brass sleeve phone: (48) 483638998
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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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