

## INTERNAL HYDRANT DN52 MOUNTED IN RECESS WITH PLACE FOR FIRE EXTINGUISHER UNDER ROTARY REEL – UNIVERSAL



Product symbol	Product code
PN-EN 671-2B-1/52-20-G-vertical version	S-52-B1G6GW20
PN-EN 671-2B-1/52-15-G-vertical version	S-52-B1G6GW15

Internal hydrant DN52 mounted in recess with  $\varnothing 52$  mm lay-flat fire hose wound on a rotary reel with place for fire extinguisher. Universal design: possible to connect to water supply as left or right side. Holes for water connection are blanked, enable connection from the side, rear, from above. Working pressure from 0,2 to 0,7 MPa.



**Hydrant weight:** about 32 kg



**Europallet** (120 x 80 x height up to 200 cm): 7 pcs.

### HYDRANT DIMENSION:

Height: 800 mm  
Width: 700 mm  
Depth: 250 mm

### RECESS DIMENSION:

Height: 820 mm  
Width: 720 mm  
Depth: 260 mm

### SUPPORTING LEGS: (option)

Height: 650 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 180°
- 52 hydrant valve
- hose support – rotating reel in RAL 3000 color
- lay flat hose  $\varnothing 52$  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
- 4-piece frame for self-assembly
- marking: sign “Hydrant” and “Fire Extinguisher” 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 MPa to 0,7 MPa

Diffused conical water stream – not less than 45 degree.

Flow rate /efficiency/	Pressure [MPa]	Dispersed stream	Compact stream
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
<b>Factor K</b>	–	<b>122</b>	<b>110</b>
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:  $Q = Kv\sqrt{10P}$ , 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



### UNIVERSALITY

Very easy change of the right / left side water connection by rotating the cabinet by 180°. The connection holes are plugged



**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.