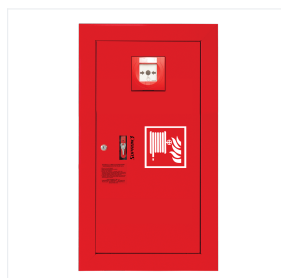


## INTERNAL HYDRANT DN52 MOUNTED IN RECESS WITH ADDITIONAL HOSE – MCP



Product symbol	Product code
PN-EN 671-2B-2/52-40R0P	S-52R-8240-240
PN-EN 671-2B-2/52-30R0P	S-52R-8230-240

Internal hydrant DN52 mounted in recess with two  $\phi 52$  mm lay-flat fire hoses in a cradle with place for fire alarm Manual Call Point – dimensions of the hole according to the customer's specification. Holes for water connection are blanked, possibility to connect from the side. Working pressure from 0,2 to 0,7 MPa.



**Hydrant weight:** about 18 kg



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

### HYDRANT DIMENSION:

Height: 720 mm  
Width: 390 mm  
Depth: 240 mm

### RECESS DIMENSION:

Height: 740 mm  
Width: 410 mm  
Depth: 250 mm

### SUPPORTING LEGS: (option)

Height: 920 mm  
Amount: 1 piece



## 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°
- place for fire alarm Manual Call Point – dimensions of the hole according to the customer's specification
- 52 hydrant valve
- hose support – cradle in RAL 3000 color
- two lay flat hoses  $\phi 52$ mm 15m 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 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
<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



**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.