

## INTERNAL HYDRANT DN25 MOUNTED IN RECESS WITH PLACE FOR FIRE EXTINGUISHER UNDER THE HOSE REEL – UNIVERSAL – FIT



Product symbol	Product code
PN-EN 671-1[W-25/30G]FIT -vertical version	S-25F-WGW30
PN-EN 671-1[W-25/20G]FIT -vertical version	S-25F-WGW20

Internal hydrant mounted in recess with place for fire extinguisher with 25 mm semi-rigid fire hose. Depth 180 mm. Universal design: 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. Working pressure from 0,2 to 1,2 MPa.



**Hydrant weight:** about 32 kg



**Industry palette** (120 x 100 x height up to 200 cm): 11 pcs.

### HYDRANT DIMENSION:

Height: 900 mm  
Width: 750 mm  
Depth: 180 mm

### RECESS DIMENSION:

Height: 920 mm  
Width: 770 mm  
Depth: 190 mm

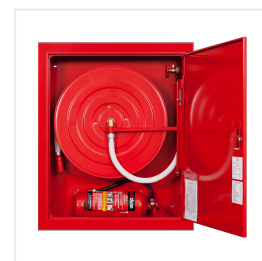
### SUPPORTING LEGS: (option)

Height: 550 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°, with place for fire extinguisher
- 25 brass hydrant valve Supron 3 manufacturing
- fire hose reel in RAL 3000 color hinged for 180°, with brass water axis and brake for controlling the unwind force
- φ25 mm semi-rigid fire hose 20 m or 30 m length according to PN-EN 694, fixed connection to water axis by crimping the hose with aluminum sleeve
- hydrant nozzle type PWh-25 according to PN-EN-671-1, fixed connection to fire hose by crimping the nozzle with aluminum sleeve
- valve and water axis connection hose; all thread connections without hose clamps
- 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 1,2 MPa

Diffused conical water stream – not less than 45 degree

		hose 30 mb		hose 20 mb	
Flow rate /efficiency/	Pressure [MPa]	Dispersed stream	Compact stream	Dispersed stream	Compact stream
Equivalent diameter 10 mm	0,2	61 l/min	60 l/min	65 l/min	64 l/min
	0,4	86 l/min	85 l/min	92 l/min	91 l/min
	0,6	104 l/min	103 l/min	112 l/min	111 l/min
Factor K		43		46	
Effective coverage range of the water jet at a pressure of 0.2 MPa (plus hose length / 20 m or 30 m):					
Equivalent diameter 10 mm	0,2	4,5 m	11,8 m	4,5 m	11,8 m
	0,4	7,0 m	14,4 m	7,0 m	14,4 m
	0,6	8.1 m	18.0 m	8.1 m	18.0 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



**UNIVERSALITY**

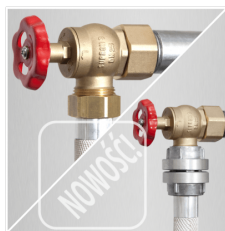
Very easy change of the right / left side water connection by rotating the cabinet by 180°. The

connection holes are plugged



**CONNECTION OF HOSE CONNECTING HYDRANT VALVE WITH WATER AXIS – STANDARD**

- thread connection in standard
- connection by adapter and hose coupling



**25 VALVE WITH ROTATING ADAPTER – OPTIONAL**

- thread connection in standard
- connection by adapter and hose coupling



**NOZZLE CRIMPING**

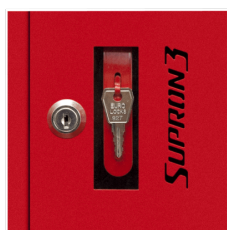
- nozzle crimping with aluminum sleeve in standard
- nozzle crimping with brass sleeve



**52 VALVE WITH SLANT REDUCTION**

Hydrant can be connected to DN52 water supply due to 52 valve with slant reduction

## 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.