INTERNAL HYDRANT DN25 MOUNTED IN RECESS – UNIVERSAL FIT

Product symbol	Product code
PN-EN 671-1[W-25/30]FIT	S-25F-W30
PN-EN 671-1[W-25/20]FIT	S-25F-W20

Internal hydrant mounted in recess with 25 mm semi-rigid fire hose. Depth 160 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 31 kg

Industry palette (120 x 100 x height up to 200 cm): 10 pcs.

HYDRANT DIMENSION:
Height: 750 mm
Width: 800 mm
Depth: 160 mm

RECESS DIMENSION:
Height: 770 mm
Width: 820 mm
Depth: 170 mm

SUPPORTING LEGS: (option)
Height: 700 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°
- 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" 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

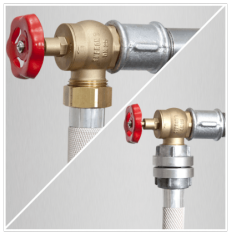
Any color from RAL pallet

NON-STANDARD DIMENSIONS

Possible to adopt dimensions to customer request

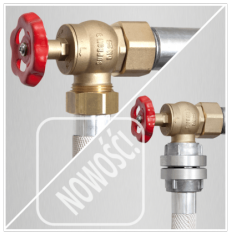
UNIVERSALITY

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.

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