



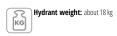
# INTERNAL HYDRANT DN52 MOUNTED IN RECESS WITH ADDITIONAL HOSE - UNIVERSAL







Internal hydrant DNS2 mounted in recess with two  $\phi$ 52 mm lay-flat fire hoses in a cradle. 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 MPa.



HYDRANT DIMENSION:

Height: 520 mm Width: 390 mm

Depth: 240 mm



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

# RECESS DIMENSION:

Height: 540 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 <u>Facade type polyester powder paint</u> in red (RAL 3000) or white (RAL 9003) color; thanks to cover hinge cabinet door are opening for 180°
- 52 hydrant valve
- hose support cradle in RAL 3000 color
- two lay flat hoses φ52mm 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.

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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
Factor K	_	122	110
Effective range of the water jet projection (plus the le	ength of the hose 1	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:  $Q = K\sqrt{10P}$ , 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



#### NOZZLE CRIMPING

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

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#### NOZZLE CONNECTION WITH HOSE

nozzle crimping with sleevenozzle connected with adapter



#### 52 HYDRANT VALVE

52 aluminum valve in standard52 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.