

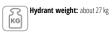








Internal hydrant DNS2 mounted in recess with  $\varphi$ 52mm lay-flat fire hose in a basket and place for 6kg fire extinguisher. Universal design: possible to connect to water supply as left or right side. Holes for water connection are blanked, possibility to connect from the side. Working pressure from 0,2 to 0,7 MPa.







Height: 600 mm Width: 500 mm



Height: 620 Width: 520 Depth: 210 SUPPORTING LEGS: (option)
Height: 850 mm
Amount: 1 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 epoxy-poliester facade powder paint in red (RAL 3000) or white (RAL 9003) color; door are opening for 180°
- 52 hydrant valve
- hose support basket in RAL 3000 color
- lay flat hose φ52mm 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
- 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

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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		
Factor K	_	122	110		
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:  $Q = \sqrt{10P}$ , 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.