INTERNAL HYDRANT DN52 WITH PLACE FOR FIRE EXTINGUISHER UNDER CRADLE WITH THERMAL INSULATION

Product symbol	Product code
PN-EN 671-2C3/52-20-G6	S-52O-C3G6GW20-OFT
PN-EN 671-2C3/52-15-G6	S-52O-C3G6GW15-OFT

Internal hydrant DN52 mounted on the wall with φ52 mm lay-flat fire hose in a cradle and pleace for fire extinguisher unde cradle. Insulated and heated version. Working pressure from 0,2 to 0,7 MPa.

HYDRANT DIMENSION:
Height: 800 mm
Width: 700 mm
Depth: 272 mm

RECESS DIMENSION:
Height: n/a
Width: n/a
Depth: n/a

SUPPORTING LEGS: (option)
Height: 650 mm
Amount: 2 pcs.

Internal hydrant with thermal insulation are adapted to work in places exposed to low temperatures, such as: car parks, halls, warehouses, etc. A 150W heating element with a thermostat allows to maintain a temperature of +5°C inside the hydrant.

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°
- 52 hydrant valve
- hose support – cradle in RAL 3000 color
- lay flat hose 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
- 150W heating element with thermostat, 230V
- buckle 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**
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: $Q = K\sqrt{10P}$, where Q is expressed in liters / minute and P in megapascals.

POSSIBILITY OF IMPLEMENTATION

INOX

Stainless steel type 304 with 240 cut or 316L. In aggressive environment (e.g. swimming pools) recommended is only 316L steel

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

BUCKLE LOCK

It can be closed with a padlock or secured with a seal. Secure with a padlock, order a key box and attach it to the hydrant door.