IMPARTE
EQUIPAMENTOS DE SEGURANÇA

CNBOP-PIB ANEPC Registo 271

Technical Data Sheet

Designation **WALL HOSE REEL WITH DOUBLE CABINET, DN33, K64, 30M**

Brand **GRAS** **Ref. No.** **CR051**

General Description

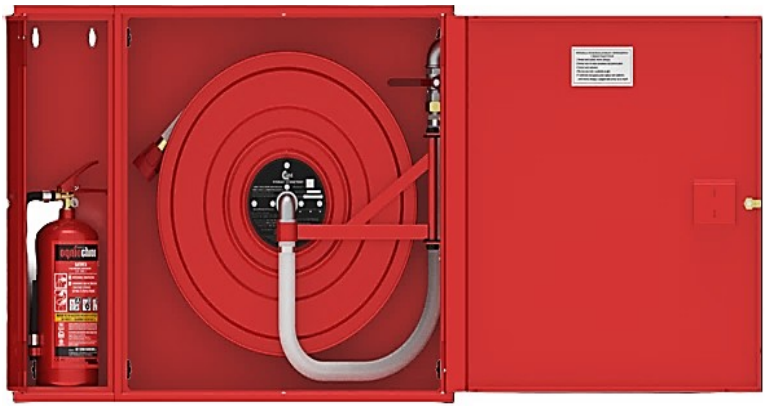
The hose reel with discharge coefficient K = 64 was developed to ensure high and constant hydraulic performance, guaranteeing an effective first intervention in fire scenarios.
The value 64 l/min·bar$^{0.5}$ expresses the equipment's capacity to deliver a strong flow per unit of pressure, allowing precise sizing and ensuring reliability even in networks with pressure variations.
Thanks to its sturdy construction and optimised hydraulic performance, this hose reel provides a fast, continuous discharge, reducing response time and increasing the effectiveness of the initial firefighting action. Its simple, intuitive operation makes it easy for any building occupant to use, even without specialised training.
Designed for installation inside buildings, the K = 64 hose reel is suitable for offices, schools, hospitals, nurseries, sports halls, cinemas, hotels, shopping centres, conference centres, airports and other spaces for public or private use.
It is a reliable, durable and technically balanced solution for fire protection systems that require proven performance and compliance with the sector's best practices.

Features

- Double cabinet with extinguisher compartment, in DC01 carbon steel with a minimum thickness of 1 mm, painted with epoxy-polyester paint with a minimum layer thickness of 80µm in RAL3000 (red) or RAL9010 (white), anti-corrosion protection (iron phosphate);
- Inlet holes with Ø72mm knockouts, with 6 connection options;
- Door with opening angle no less than 180°;
- Universal hinge system;
- Right-hand or left-hand door;
- Latch made of black and red polyethylene, for emergency opening;
- Hose reel built with two discs, 80µm thermosetting electrostatic powder coating, RAL 3000 "Red", 80% gloss;
- DN32 1 ¼" ball valve;
- DN33/D12 brass nozzle;
- DN32 semi-rigid fire hose (20m or 30 m) in accordance with EN-694;
- Connection to DN32 1 ¼" valve;
- Working pressure: minimum: 0.2 MPa; maximum: 0.7 MPa;
- Dimensions: 1010x780x250 mm (WxHxD).

Efficiency

- P ≥ 0.2 MPa - WSP K = 64.5 (jet), WSK K = 85 (cone spray) - nozzle D12 mm / Q Nom = 91l/min;
- P ≥ 0.4 MPa - WSP K = 64.5 (jet), WSK K = 85 (cone spray) - nozzle D12 mm / Q Nom = 131l/min;
- P ≥ 0.6 MPa - WSP K = 64.5 (jet), WSK K = (cone spray) - nozzle D12 mm / Q Nom = 160l/min.



Standards, certificates, marking and documentation

- CE Certificate of Conformity no.: 1438/CPR/0227;
- Marking in accordance with EN671.

The illustrative images show the product(s) presented; however, they may differ slightly from the final product(s).

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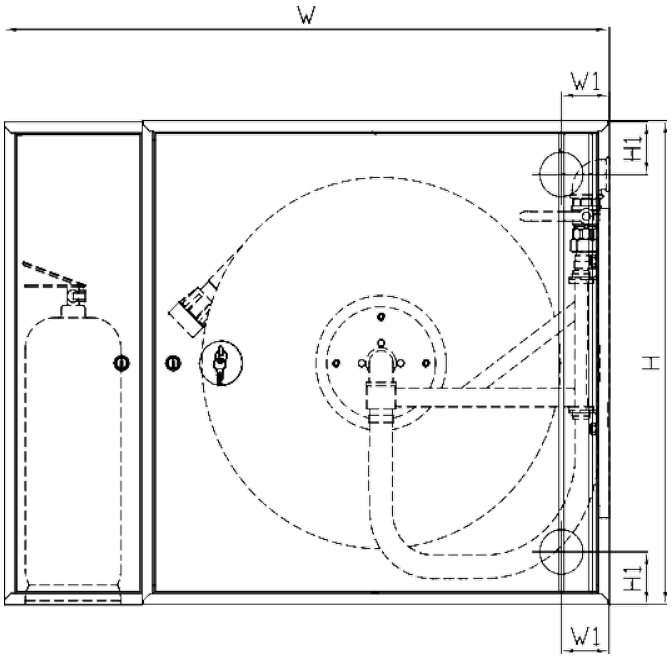
Additional Products

- Cabinet manufactured in accordance with EN 12944, corrosion protection level C5;
- Trim frame for a flush-mounted hose reel finish;
- Extinguisher not included;

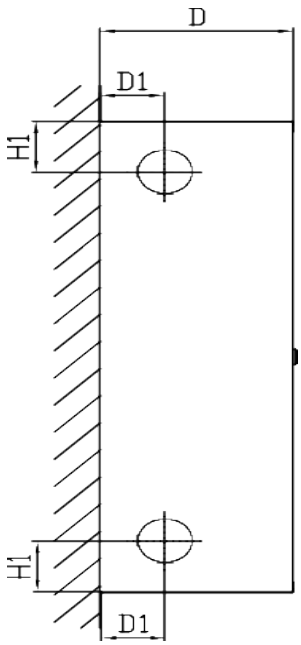
Additional Products

- Painted in another RAL colour, provided it is approved in the project/by site supervision;
- Photoluminescent signage in accordance with 92/58/EEC;
- Assembly/connection accessories not included.

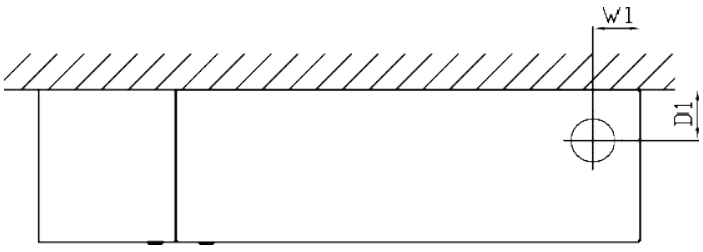
Technical Drawing - Wall Mounting



Front view



Side view



Top view



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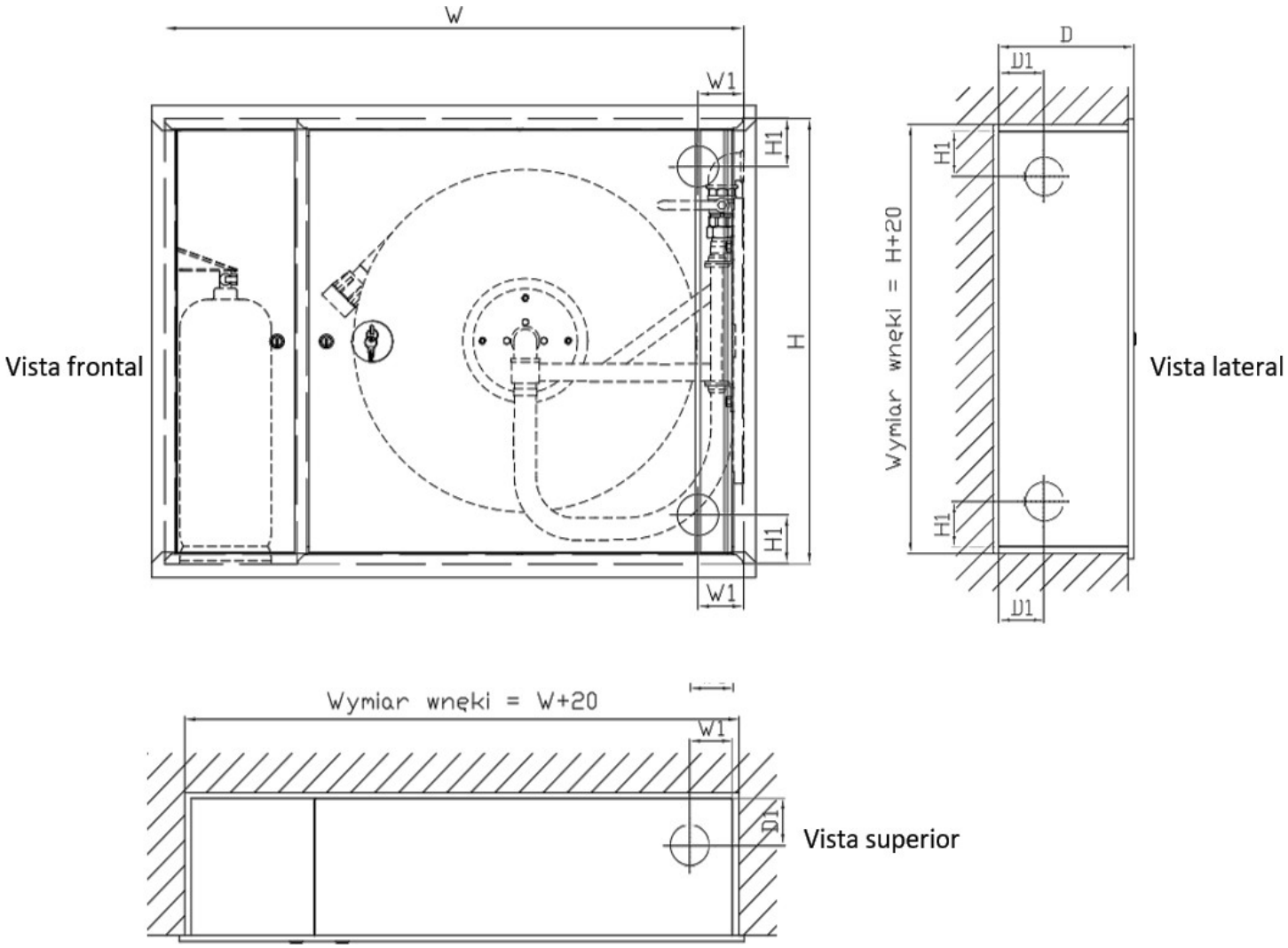
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Technical Drawing - Recessed Mounting and Dimensions



Modelo	Versão	Armário para extintor	Aro(s)	Comprimento mangueira [m] DN32	Dimensões [mm]					
					W	W1	H	H1	D	D1
CR051	Montado à superficie	G-Slim 33	--	20 ou 30	1010	80	780	85	250	85
CR051 (a)	Embutido	G-Slim 33	Sim	20 ou 30	1010	80	780	85	250	85
Aro	--	--	--	--	1010	--	780	--	20	--

W (width)= largura; **H** (hight)= altura; **D** (depth)= profundidade

As an innovative company, IMPARTE S.A. reserves the right to change product specifications, models and standard equipment without prior notice and without incurring any obligation.
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