IMPARTE
EQUIPAMENTOS DE SEGURANÇA

Technical Data Sheet

Designation PORTABLE FIRE EXTINGUISHER 6 L AQUALITHIUM

Brand EXFAEX **Ref. No.** EXE05

General Description

Aqualithium is a fluorine-free agent with excellent cooling and wetting capacity, acting as a fire encapsulator and lowering the temperature of the fire until it is extinguished.
It was specially designed for lithium-ion/Li-ion battery fires; diffusers are recommended for maximum effectiveness.
The product does not foam and can be used by fire brigades with proportioners, in pipework or in extinguishers.
It has excellent extinguishing properties for class A/solid fires, such as wood, solid waste, plastic, rubber and tyres, acting as an emulsifier and coolant for class B/flammable liquid fires.
Its cooling capacity is due to its rigorous selection of surfactants and the innovative additives it contains.

Features

- Extinguisher body made of EN 10130 DC 04 rolled steel sheet, minimum thickness 1.2 mm;
- Painted with lead- and TGIC-free polyester paint, resistant to ultraviolet radiation;
- Discharge valve with internal pressure check device;
- Flexible rubber hose covered in black or other colour polyamide (depending on manufacturer availability);
- Sturdy polypropylene protective base;
- Triangular wall bracket included;
- Effectiveness: A-B-Lithium;
- Extinguishing agent: 6 L water + R31L 3%;
- Propellant: N2;
- Max. height: 528mm;
- Diameter: 150mm;
- Weight: 9.22kg;
- Operating temperature: +5°/+60°;
- Test pressure: 23bar;
- Biodegradable;
- Non-toxic to humans, fish and/or animals;
- Free of any fluorinated agents; no PFOS, PFOA or PFT;



Standards, certificates, marking and documentation

- Manufactured in accordance with EU Directive 2014/68/EU;
- CE mark 1035;
- Manufactured in accordance with ISO 9001:2015;

How to order

- Ref. EXE05_ AquaLithium 6 L extinguisher – Exfaex.

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

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EXFAEX ANEPC Registo 271

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Additional Products

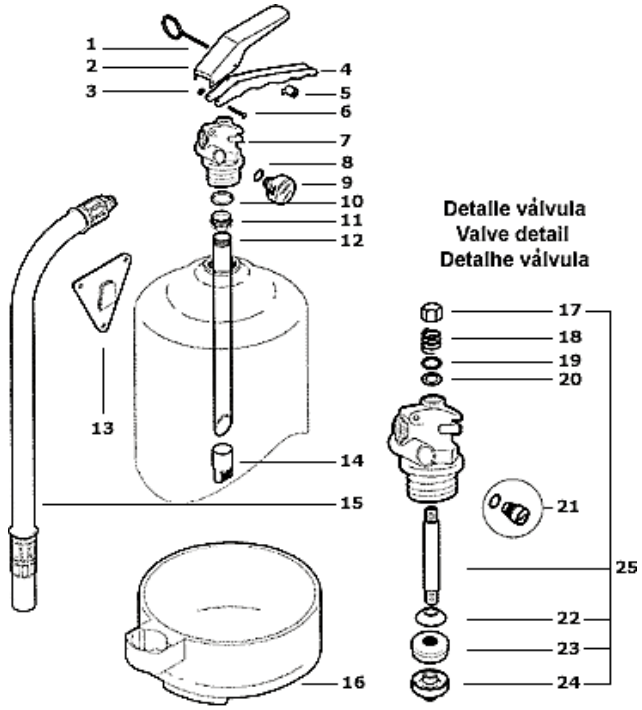
- Metal or PP extinguisher box;
- Metal straps for extinguisher;
- Photoluminescent signage in accordance with 92/58/EEC not included;
- Tripod stand.

Manufacturer's recommendations for electric vehicles

- 6 L__recommended for batteries up to 2.5 kWh;
- 9 L__recommended for batteries up to 4 kWh;
- 25 L_recommended for batteries up to 10 kWh;
- 45 L_recommended for batteries up to 20 kWh.

Technical Drawing





	designação	material
1	Cavilha	Fio de aço
2	Manípulo superior	AP02/UNE 36086
3	Anilha fixação pino 4x10 mm	Aço CK-67
4	Manípulo inferior	AP02/UNE 36086
5	Vedante de plástico 4 mm	Polipropileno
6	Pino 4x29 mm	ST-52
7	Cabeça da válvula	Latão
8	O-ring do manómetro	NBR 70
9	Manómetro	Latão/Níquel
10	Anilha 30mm	Hytrel 5526
11	Redutor acoplamento mola	Latão
12	Tubo sonda 18 x 510 mm	HDPE

	designação	material
13	Suporte de parede triangular	ST-52
14	Filtro tubo sonda	ABS
15	Mangueira trançada interior	PVC / EPDM
16	Base extintor	Polipropileno
17	Anilha superior	Latão
18	Mola superior	Corda aço (C11)
19	Anilha inferior	Latão
20	O-ring do eixo	NBR70
21	Válvula retenção	Latão/borracha
22	Anilha de fecho	Latão
23	Junta plana	NBR-70
24	Cabeça do exivo	Latão
25	Eixo completo (17/22/23/24)	Latão/NBR70

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.
For more information visit www.imparte.pt or contact our sales department.

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