For sustainable fire fighting
GREEN Foam extinguisher without fluorine and solvents
Green Foam

**Powerful**
Extinguishing power in classes A and B, additionally suitable for polar fires.

**Non-toxic**
100% fluorne-free
100% solvent-free

**Environmentally friendly**
If Green Foam gets into drinking water, long - term effects are not expected as with AFF.

**Non-bioaccumulative**
Green Foam does not accumulate through ground water and air in human and animal body; it is not bio-accumulative.

**Ecological**
With the series GREEN you are not purchasing hazardous waste of tomorrow.

**No PBT-substances**
Persistent substances remain a long time in the environment. Bio accumulation describes the enrichment of biological material. Toxicity means damaging effects on humans and the environment.

**Waste management**
According to the law of life-cycle management, the product has to be brought to an adequate waste disposal. The extinguishing agent owns the water hazard class 1.

**No Co₂**
By applying nitrogen as propellant, CO₂ is saved as far as technically possible.

**Ressource-friendly production**
Manufactured in energy saving production.

**Environmentally friendly packaging**
Less pollution by applying reduced packaging material.

**Maintenance friendly**
Easy disassembling and assembling of all parts; due to the large cylinder opening MT4 of the cartridge operated extinguisher, the agent can be exchanged and refilled fast.

**Economical**
Thanks to the Jockel – modular system, the Jockel extinguishers are characterised by low stocking of spare parts and tool demand.

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1 According to the law of life-cycle management, the product has to be brought to an adequate waste disposal.

2 Currently not possible for every model yet. Conversion is planned for every model.

3 Only for cartridge-operated extinguishers.

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**Operation scope**
The fire extinguishers can be applied to incipient fires of fire class A of glowing substances, but also to incipient fires to fire class B. Due to their special abilities they are suitable for incipient fires of polar and nonpolar liquids. Possible areas of application:

- Administrative sectors
- Industrial sectors
- Airports
- Chemical and petro chemical sector
- Medical institution
- Care sectors
- Distillation plant
- Storage of disinfectants, paint, solvents and spirits
- Manufacturing of perfumes

* Subject to technical modifications.
Safety features

Immediate apparent instructions
Pull safety pin, press down lever and conveniently extinguish the fire by dosing the extinguishing agent with the lever.

Turning green
The extinguishing agent Jockel AB AR GREEN works without fluorine components and solvents. It is made of almost 100% natural raw materials. The extinguishing agent is not persistent nor bio-accumulative or toxic.

Cylinder made from steel
The quality steel cylinder comes with a high-grade polyester outer coating and an inner thermoplastic coating for high durability and protection against environmental impact.

Special foam nozzle
The foam nozzle plays an essential role when perfectly aligning technology and extinguishing agent. As innovative designed Venturi nozzle, the Jockel nozzle draws air from its surrounding and swirls it with the extinguishing agent. A special thick foam layer develops and separates the oxygen from the fire source so that the fire extinguishes.

Incl. sturdy plastic base
The sturdy plastic base made of shock-resistant plastic additionally protecting the extinguisher from scratches and corrosion.

Convenient handling
An extinguisher with 6 kg extinguishing agent naturally has a significant weight. The larger the device, the more urgent the need for a comfortable carry handle. Jockel offers two different grips universal and classic. Plus: we considered the weight of each individual part, so the fire extinguisher would be as light as possible.

All-round extinguishing agent
Because the AB extinguisher can be applied to nonpolar and also polar fires, the extinguisher is especially ideal when the user has no 100% certainty of the character of the burning liquids or its mixture. Extinguishing effect of Jockel AB AR GREEN:
1. Exclusion of oxygen: With the special extinguishing technology a stable foam layer is achieved which interrupts the oxygen supply to the source of fire.
2. Cooling: Beyond that the extinguishing agent extinguishes by additionally cooling the fire down.

Environmentally friendly propellant
If technically possible, we try to design our products as environmentally friendly as possible and replace climate harmful propellant CO₂ through nitrogen.

Made in Germany
The safety products of the series GREEN are produced in Germany according to the highest possible quality guidelines and in our IQC-certified company.

Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Type/Code</th>
<th>Capacity</th>
<th>Agent</th>
<th>Rating</th>
<th>Temperature Range</th>
<th>Propellant</th>
<th>Discharge Time</th>
<th>Height approx.</th>
<th>Width approx.</th>
<th>Weight approx.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S 6 JX AR GREEN 21</td>
<td>Universal Classic</td>
<td>68-005-35</td>
<td>Cartridge</td>
<td>6 l JoMix AB AR GREEN</td>
<td>21</td>
<td>+0°C to +60°C</td>
<td>Nitrogen</td>
<td>approx. 43 sec.</td>
<td>555 mm</td>
<td>270 mm</td>
</tr>
<tr>
<td>S 9 JX AR GREEN 27</td>
<td>Universal Classic</td>
<td>98-005-35</td>
<td>Cartridge</td>
<td>9 l JoMix AB AR GREEN</td>
<td>27</td>
<td>+0°C to +60°C</td>
<td>CO₂</td>
<td>approx. 51 sec.</td>
<td>606 mm</td>
<td>290 mm</td>
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<tr>
<td>S 6 LJ AR GREEN 21</td>
<td>Stored pressure</td>
<td>66-100-35</td>
<td>Cartridge</td>
<td>6 l JoMix AB AR GREEN</td>
<td>21</td>
<td>+0°C to +60°C</td>
<td>Air/N₂</td>
<td>approx. 26 sec.</td>
<td>592 mm</td>
<td>240 mm</td>
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<tr>
<td>S 9 LJ AR GREEN 27</td>
<td>Stored pressure</td>
<td>96-100-35</td>
<td>Cartridge</td>
<td>9 l JoMix AB AR GREEN</td>
<td>21</td>
<td>+0°C to +60°C</td>
<td>Air/N₂</td>
<td>approx. 32 sec.</td>
<td>631 mm</td>
<td>280 mm</td>
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<tr>
<td>S 50 J AR Externa GREEN</td>
<td>Cartridge</td>
<td>33-364-35</td>
<td>Cartridge</td>
<td>50 l JoMix AB AR GREEN</td>
<td>✓</td>
<td>+0°C to +60°C</td>
<td>CO₂</td>
<td>approx. 130 sec</td>
<td>1100 mm</td>
<td>450 mm</td>
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</tbody>
</table>

Further models of the GREEN series (these models differ from the one which is displayed)

Safety advice:
All extinguishers are not suitable for energized electrical installations.
Our way to more sustainability in fire protection

How can we develop products without endangering the base of life of upcoming generations? Our planet must remain liveable: For our children and grandchildren. This is the challenge we are facing over and over again and we are convinced that authorities as well as companies and consumers can create a sustainable world.

A fire produces pollutants or toxic gases during the burning process which could harm the environment and endanger humans. The earlier a fire can be extinguished, the smaller the damage to humans, animals and assets. But also the exposure to the environment is limited. And at the same time less extinguishing agent needs to be used which, however, finally has to be disposed expensively in its contaminated condition.

Fluoric tensides have a great impact on the environment and on the quality of our drinking water. Up to now, it was technically not possible to completely renounce the use of fluoric in extinguishing agents wanting to achieve a good and fast extinguishing result and therefore limiting the damage of a fire to a minimum.

Fluoric seeps through soil into the groundwater and finally is taken up by humans and animals via drinking water, food or skin. Fluoric is persistent, accumulates in the blood, organs or in the tissue of living organisms and damages health. It can damage the liver function, disturb the endogenous hormone system and is suspected of being carcinogenic. Fluoric is also often found in many other products of daily use for example in coated cookware or water repellent clothing.

A responsible handling with nature is of fundamental meaning for us and determines our actions. Time and again we set new standards in order to develop our products further in regard to fire protection and safety as well as environmental sustainability. Our motivation is to have the strictest criteria of the branch and continuously develop these further.

Today, we have finally managed to completely renounce fluoric in our foam extinguishers of the series GREEN. And above that the extinguishers do not contain any solvents. According to current scientific knowledge this foam extinguishing agent can be applied without hesitation for firefighting of class A and even to the polar fires. Therefore its range of application is broadly diversified providing at the same time a low impact on the environment. This way we set new standards in the area of permanent technology as well as in the recharging technology – and all of this Made in Germany.

Our environmental thinking does not end with the product: An economical use of paper, an energy – conscious and environmentally friendly product as well as a reduced use of packaging material and a highest possible recycling of our products are also factors which continuously undergo control and improvement and therefore are an established part of our contribution to a sustainable action: for our planet and therefore for the future of our children and grandchildren.