

Fire Shield, 120 L/min



The **120 L/min Water Curtain Fire Shield Kit** is a temporary fire protection solution designed to create a water screen between an exposed area and a residence, building, outbuilding, or sensitive area. Powered by a motor pump or a compatible water line, it disperses water in the form of a curtain to wet the surrounding area and help limit exposure to thermal radiation.

This kit is particularly well-suited for preventive or emergency protection needs at the forest-habitat interface, on isolated properties, farms, industrial sites, storage areas, or temporary installations. It does not replace regulatory firefighting measures or the intervention of emergency services, but serves as a complementary protection and humidification system.

Two models available: with or without a hose

The Fire Shield Kit is available in **two models** to accommodate the equipment already available on-site.

- **Version without a hose:** includes connectors, couplings, and the 120 L/min water curtain, without a supply hose.
- **Version with hose:** includes the same components, plus a **10-meter DN45 Forex hose with DSP/APM fittings**.

The connectors and couplings are therefore included in both versions. The only difference is the addition of the 10-meter DN45 hose in the complete version.

Contents of the Fire Shield Kits

	1-1/2" BSP female-to-female Scotty connector with gasket	2	2
	DSP/APM DN40 half-coupling without male	2	2

	lock, G 1-1/2" PN16		
Water curtain 120 L/min	Scotty water curtain, 120 L/min, 1"1/2 BSP male thread	1	1
3-Way Connector	Scotty 1½" x 1½" x 1½" BSP 3-Way Connector	1	1
Forex DN45 Hose - 10 m	Forex DN45 Hose, 10 m long, DSP/APM-mounted	Not included	1

How the Kit Works

The kit is designed to be connected to a pressurized water supply, typically provided by a compatible motor pump. The **120 L/min water curtain** disperses water in the form of a screen to create a protective wet zone between the fire hazard and the area to be protected.

The female-to-female connectors, the DN40 DSP/APM couplings, and the 3-way connector allow the assembly to be adapted to a compatible system. In the hose version, the **10-meter Forex DN45 hose with DSP/APM fittings** provides a supply length directly suited to deploying the water curtain.

Applications

- creation of a temporary water curtain;
- Temporary protection of the perimeter of a home or building;
- preventive humidification of an exposed area;
- protection at the forest-habitat interface;
- connecting a water curtain to a motor pump or a compatible line;
- use on isolated properties, industrial sites, farms, or sensitive areas.

Important Points Before Installation

- verify that the motor pump or water line provides the flow rate required for the 115 L/min water curtain;
- verify compatibility of the BSP and DSP/APM DN40 connections;
- Provide the necessary hoses if the hose-less version is selected;
- Take into account pressure losses associated with the length of hose used;
- Position the water curtain between the exposed area and the property to be protected;
- Test the device before using it in an emergency.

FAQ – 115 L/min Water Curtain Fire Shield Kit

What is the difference between the two models?

Both models include the same connectors, couplings, and the same **115 L/min water curtain**. The difference is that the hose version includes a **10-meter DN45 Forex hose with DSP/APM fittings**.

What does the version without a hose include?

The version without a hose includes **2 1"1/2 BSP female-to-female connectors with gaskets, 2 DN40**

DSP/APM half-couplings without a 1"1/2 G male lock PN16, 1 Scotty water curtain rated at 115 L/min, and 1 1"1/2 BSP 3-way connector.

What does the version with hose include?

The version with hose includes the same components as the version without hose, plus **1 10-meter DN45 Forex hose with DSP/APM fittings.**

Does the kit come with a motorized pump?

No. The motor pump is not included. The kit must be powered by a motor pump or a water supply line capable of providing the flow rate and pressure required to operate the water curtain.

Does this kit replace the need for firefighters?

No. It is a supplementary protection and humidification device. It does not replace regulatory firefighting measures or the response of emergency services.