Peacock-tail water curtain, 60–115 L/min, with GFR connector



The **water curtain with a 1" female GFR coupling** is designed to create a protective water curtain during a fire response, drill, or temporary safety measure. It creates a water barrier between an exposed area and a thermal hazard, while remaining easy to deploy on a compatible fire hose line.

This version comes pre-assembled with a **BSP connector** and a **1" female GFR** aluminum **coupling**. It differs from the threaded-only version, which features only a 1" BSP female thread and must be paired with a suitable coupling depending on the installation.

Two models available depending on the desired flow rate

The product is available in two models to adapt the water curtain to operational needs:

- **60 L/min water curtain**, for configurations requiring a moderate flow rate and limited water consumption;
- **115 L/min water curtain**, for applications requiring more sustained protection or a wider water curtain.

The choice of model depends on the area to be protected, the available flow rate, the supply pressure, and the intended purpose: localized protection, limiting heat radiation, creating a water screen, or supporting firefighting operations.

Assembled connection with BSP connector and 1" female GFR fitting

The water curtain is equipped with a **BSP connector** that ensures a proper fit between the curtain’s threaded body and the **1" female GFR coupling**. This aluminum end coupling allows connection to a GFR-compatible line.

This configuration is suitable when the user wants a product that is ready to connect at their facility, without having to add the GFR coupling separately. However, it is still necessary to verify compatibility with the hoses, couplings, and standards already in use on site.

Technical Specifications

Product Type	Fire water curtain	Fire water curtain
Nominal flow rate	60 L/min	115 L/min
Main function	Creation of a protective water barrier	Creation of a protective water barrier
Curtain connection	1" BSP female thread	1" BSP female thread
Connector	BSP connector included	BSP connector included
End fitting	1" female GFR	1" female GFR
End fitting material	Aluminum	Aluminum
Connection configuration	1" BSP female threaded water curtain, BSP connector, and 1" female GFR aluminum fitting	1" BSP female threaded water curtain, BSP connector, and 1" female GFR fitting made of aluminum
Application	Localized protection with moderate flow rate	Enhanced protection with higher flow rates
Applications	Firefighting operations, area protection, thermal radiation mitigation	Firefighting, area protection, thermal radiation mitigation

Usage

- creating a water screen between an exposed area and a heat source;
- Protection of an access point, passageway, or sensitive equipment;
- limiting thermal radiation during an operation;
- Temporary protection at industrial sites or storage areas;
- support for firefighting operations requiring a water barrier that can be set up quickly;
- connection to a compatible 1" female GFR line.

FAQ – 60 or 115 L/min Water Curtain with 1" Female GFR Connection

What is the difference between the 60 L/min model and the 115 L/min model?

The **60 L/min** model is suitable for spot protection needs with lower water consumption. The **115 L/min** model offers a higher flow rate for situations requiring a more sustained water barrier.

Does this version come with the GFR fitting?

Yes. This version comes pre-assembled with a **BSP connector** and a **1" female GFR** aluminum **fitting**. It is therefore different from the threaded-only version, which does not include the end fitting.

How do I choose the right model?

The choice depends on the available flow rate, the area to be protected, and the desired level of protection. For localized protection, the **60 L/min** model may be sufficient. For a more extensive water barrier, the **115 L/min** model is more suitable.