

# TECHNICAL DATA SHEET

CODE:	<b>BFM</b>
DESCRIPTION:	<b>SCOTTY 4095 1-3-6% FOAM BRANCH HOSE REEL KIT</b>
CATEGORY:	BRANCH PIPES & NOZZLES—FOAM BRANCHES & FOAM EQUIPMENT
REVISION DATE:	06 AUGUST 2020



Also available in mobile kit form including trolley & foam pail.



## PRODUCT DESCRIPTION:

The BFM 1-3-6 % Foam Making Branchpipe kit was developed to augment the firefighting capabilities of a standard fire hose reel.

While traditional fire hose reels are only suitable for fighting Class A fires such as wood, paper and textiles, the BFM allows you to very quickly and conveniently convert your existing fire hose reel to a foam making station, to both improve your Class A firefighting capability and add additional Class B fire capabilities for combating fires such as petrol, oils, paints and solvents.

## DESIGN:

The unique 1-3-6% Foam Making Branchpipe employs a sophisticated venturi system that ensures consistent induction of foam solution through a range of water supply pressure. The unit is fitted with strainers on both the foam and water inlets to prevent obstruction and damage caused by foreign matter.

## MATERIALS:

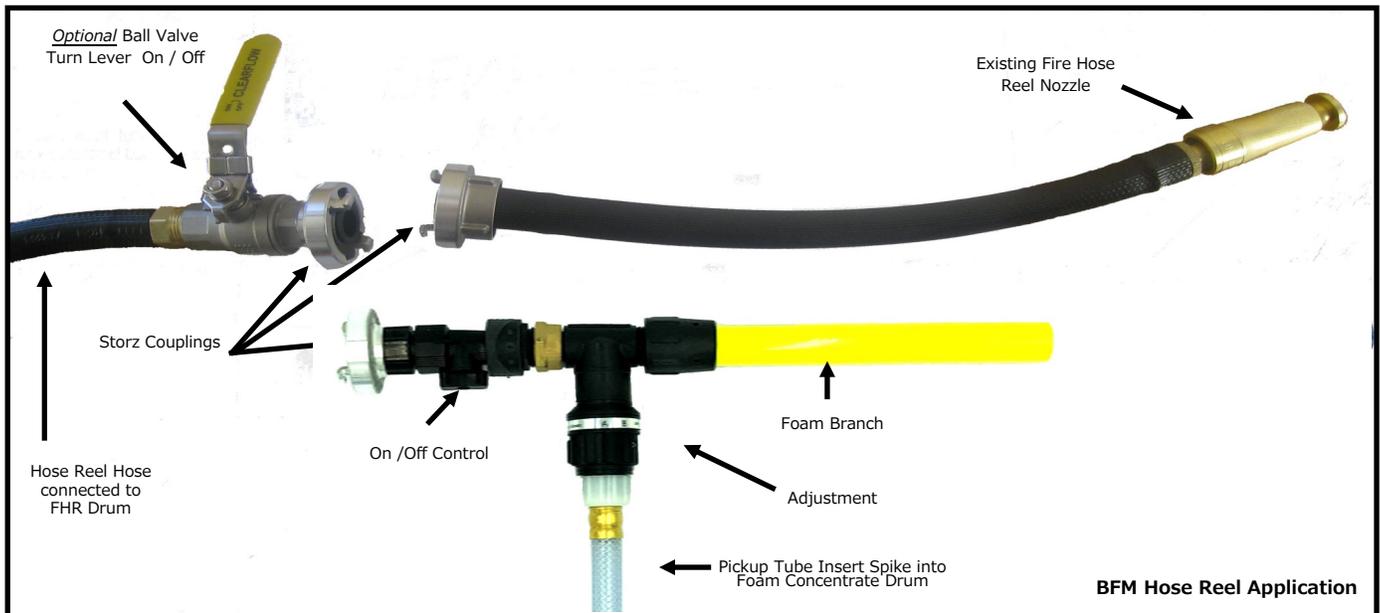
The unit is constructed from a selection of high density plastics, PVC hose and glass filled nylon components Making it suitable for marine and other aggressive environments.



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## BFMA HOSE REEL APPLICATION:



## BFM BASIC OPERATING INSTRUCTIONS:

Please refer to the photo 'BFM Hose Reel Application' for part identification/explanation of AWFS product and to check setup against your existing unit (Located Above).

### To Operate with Foam Branch on the Fire Hose Reel:

Disconnect the existing Fire Hose Reel nozzle by twisting the Storz connection at the Ball Valve and pulling the fittings apart.

- Connect the Foam Branch onto the fire hose reel at the Ball Valve by pushing and twisting the Storz fittings together. Once they are connected properly you should not be able to pull them apart without twisting first.
- Turn on the fire hose reel as per the instruction label located on the front of the fire hose reel.
- Insert the spike at the end of the Foam Branch Pickup Tube into the drum of AFFF foam solution.
- At the Ball Valve behind the foam branch pull lever to the ON position.
- Ensure branchpipe On/Off Control is in the On position
- As water flows through the fire hose reel and into the foam branch, the foam solution will be inducted up into the foam branch and expelled.

### To Operate Fire Hose Reel with a Standard Fire Hose Reel Nozzle:

- Ensure the Fire Hose Reel nozzle is connected onto the Ball Valve prior to operating fire hose reel.
- Turn on the fire hose reel as per the instruction label located on the front of the fire hose reel.
- At the Ball Valve near the nozzle pull lever to the ON position.
- Twist nozzle to the ON position (if you have a twist type nozzle).

### Changing Proportioning Rate:

Use the Adjustment setting in conjunction with following to adjust proportioning rate:

- **Setting A = 6%**
- **Setting B = 1%**
- **Setting C = 3%**

