



Foam Equipment

Scotty "Through-the-Pump" Foam Eductor/Mixer

- 4171 Educts foam concentrate into hose lines through a pump's suction and discharge sides, also known as an "Around The-Pump" system.
- 4171 will educt concentrates at percentages of 0% to 3.75% at flow rates from 15 to 125 GPM at 100 PSI.
- Maximum operating pressure of 300 PSI.
- Includes an 18" Pressure Hose and a 48" Foam Pick-up Hose.
- Use stock code 4171KIT to include one 1-½" Cast Aluminium Connecting Tee and one 2" Cast Aluminium Connecting Tee.



Foam Factory•

Will transform any pressurized fire hose or water supply line into a fire foam generating station.

- A fire crew can arrive at an incident where a quick layer of foam is required, such as a spill or haz-mat situation, attach a supply hose and place the foam where it is needed.
- The unit can be left unattended to create a blanket of foam over a large area.
- The system consists of a 15 GPM Scotty Foam Eductor set for either 1% for Class A foam or 3% for Class B foam, a Fog Nozzle with Medium Expansion Attachment, a bale Shut-Off with 1-½" swivel connection mounted on a cap and a pick-up assembly for a 5 gallon pail.
- The Foam Factory is designed for a nominal operating pressure of between 50 and 100 PSI.
- Please specify standard NHT or NPSH thread when ordering.



Foam Check Pro - Foam Concentrate Meter

- Displays real-time measurement of the percentage of Class A foam concentrate in hose lines.
- Senses foam concentration 60 times a second.
- Calibration is a simple two-step process.
- Sealed, weather-proof housing is suitable for harsh environments.
- Display Console measures 5.7" x 3.8" x 2.3".
- Includes Display Console, 1-½" Sensor Tee with NHT or NP threads with 5' long connection cable.
- Self powered by 2 AA batteries (included).
- Maximum operating pressure of 300 PSI.
- Automatic power down after 30 min. to save battery life.

The Scotty 4070 "Foam Check Pro" is a device for obtaining real-time measurement of the percentage of foam concentrate in firefighting hose lines. The user simply runs fresh water through the Sensor Tee (after mounting it on the discharge side of the pump) while pressing the "Zero" button on the Display Console for five seconds. Then set the pump's foam proportioner (such as the Scotty S4071) to 1% and flow foam/water solution while holding the "Cal" for five seconds. The Console is now ready to display the real-time measurement of foam concentration flowing through the Sensor Tee.

The Scotty 4070 Foam Check Pro consists of the Display Console (5.7" x 3.8" x 2.3"), a 1-½" Sensor Tee with both NHT or NPSH threads and a 5' long cable for connection to the Display Console. The FoamCheck Pro is self-powered by 2 AA batteries, which are included. The maximum recommended operating pressure for the 4070 Foam Check Pro is 300 PSI.



Fog/Straight Stream Nozzle with D-Handle Pistol Grip

4037-HF, 50gpm to 100gpm, 1.5" NP

4037-HFA, 50gpm to 100gpm, 1.5" NHT

4037-LF, 15gpm to 50gpm, 1.5" NP

4037-LFA, 15gpm to 50gpm, 1.5" NHT

- Designed for use with In-Line Foam Eductors, these Nozzles cannot be closed off.
- Available in High-Flow (HF = 50 to 100 gpm) and Low-Flow (LF = 15 to 50 GPM).
- 4037 units include a Pistol-grip, bale shut-off.
- Suitable for Class A and Class B foams.
- Comes with 1-½" NHT, NP or BSP swivel connections.
- For the nozzle only (with no Shut- Off capability), use stock codes: 4035-HF and 4035-LF.



Penetrator Nozzle

- ¼" tip opening for penetrating deep into the forest duff.
- Tip opening can be bored out for higher flow.
- Includes double female fitting to provide female thread connection. 1-½" (38 mm) NHT, NP or BSP male threads.
- Maximum operating pressure 150 PSI.



Air Aspirating Foam Nozzles

- Manufactured from engineering grade, composite polymers for durability at the fire scene.
- All 1-½" Scotty Air Aspirating Nozzles include a double female connector, 4085 (NP) or 4086 (NHT).
- S = Stubby Nozzle option (Seen at end of certain product codes.)



4003



4003 - 3 GPM Air Aspirating Foam Nozzle

INLET:	¾" (19 mm) GHT Female
GPM:	3 at 60 PSI
EFFECTIVE REACH OF STREAM:	25' (8 M) at 60 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	length 5.60" (142.2 mm), weight 0.15 lbs (0.06 kg)

4015



4015 - 15 GPM Air Aspirating Foam Nozzle

INLET:	¾" (19 mm) GHT Female
GPM:	8 at 60 PSI
EFFECTIVE REACH OF STREAM:	35' (10 M) at 60 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	length 10" (254 mm), weight 0.20 lbs (0.10 kg)

4020



4020 - 15 GPM Air Aspirating Foam Nozzle

INLET:	1-½" (38 mm) Female
GPM:	15 at 100 PSI
EFFECTIVE REACH OF STREAM:	60' (18 M) at 100 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	length 17.38" (441.45 mm), weight 0.75 lbs (0.34 kg)

4025



4025 - 30 GPM Air Aspirating Foam Nozzle

INLET:	1-½" (38 mm) Female
GPM:	30 at 100 PSI
EFFECTIVE REACH OF STREAM:	60' (18 M) at 100 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	length 17.38" (441.45 mm), weight 0.75 lbs (0.34 kg)

4030



4030 - 50 GPM Air Aspirating Foam Nozzle

INLET:	1-½" (38 mm) Female
GPM:	50 at 100 PSI
EFFECTIVE REACH OF STREAM:	60' (18 M) at 100 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	length 21.5" (546.10 mm), weight 1.10 lbs (0.50 kg)

4031 / 4031S



4031 - 50 GPM Stubby Air Aspirating Foam Nozzle

INLET:	1-½" (38 mm) Female
GPM:	50 at 100 PSI
EFFECTIVE REACH OF STREAM:	60' (18 M) at 100 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	14.75" (374.65mm), weight 0.75 lbs (0.34 kg)

4033



4033 - 70 GPM Air Aspirating Foam Nozzle

INLET:	1-½" (38 mm) Female
GPM:	70 at 100 PSI
EFFECTIVE REACH OF STREAM:	60' (18 M) at 100 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	length 21.5" (545mm), weight 1.10 lbs (0.5 kg)

4034 / 4034S



4034 - 70 GPM Stubby Air Aspirating Foam Nozzle

INLET:	1-½" (38 mm) Female
GPM:	70 at 100 PSI
EFFECTIVE REACH OF STREAM:	60' (18 M) at 100 PSI
MAXIMUM SAFE OPERATING PRESSURE:	200 PSI (14 BAR)
DIMENSIONS:	length 14.75" (375 mm), weight 0.75 lbs (0.34 kg)

Medium Expansion Foam Attachment

4039MX , MX Foam Attachment

4039MX-HF , MX Foam Attachment with 4035-HF

4039MX-LF , MX Foam Attachment with 4035-LF

- Designed to fit the Scotty 4035, 4037 and 4038 Fog Nozzles.
- Also fits the UFS 1575 Fog Nozzle.
- Generates a thick stream of medium expansion foam for car or tire fires, haz-mat or any situation where a thick smothering foam blanket is required.
- Quickly lays down a foam firebreak for forest and grassland fires.



SFEBP50 & SFEBP70 - Scotty Foam Eductor Backpack Systems

- Backpack with 5 gallon capacity
- Foam pickup hose with foam control quick connector
- Air aspirating nozzle with matching foam eductor
- D-Handle shut-off with pistol grip, 1-½" thread Optional Variable Check valve

The Back Pack systems can be fitted with the 4064 Variable Checkvalve foam control unit. The presets are OFF, .5%, 1% and 3%. The first 4 digits correspond to the air aspirating nozzle included; the last two digits indicate the flow rate (gpm). Systems available with NPSH, NHT(A) and BSP(B) threads. (Please indicate threads when ordering from your distributor).



TFMAS - Scotty 4045A-30 “Roll & Foam” Mobile Foam Attack System

The 14 gallon (53 Litre) foam container is made of polyethylene.

- Unit Weight: 22 lb. (Empty)
- Unit Dimensions: Height 34 inches x Length 19 inches x Width 15-½ inches
- A fabric dust cover is available for the unit, stock code 4045CVR
- Flow Rate of 30gpm, pressures from 50psi to 150psi.
- Suitable for industrial sites and installations, warehouse storage facilities, lumberyards, mines, shopping malls, schools, marinas, harbour facilities or aircraft hangars.
- Portable, light weight and made of corrosion-proof materials.

