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All threaded items are available in NPSH, NHT or BSP thread. Please specify when ordering.

GRP refers to Glass-reinforced plastic. It is a composite material of fibre-reinforced polymer.

SCOTTY FIREFIGHTER



BACKPACKS

BRAVO BACKPACK

- Ultra-comfortable method to carry liquids used during fire fighting operations.
- Consists of a Cordura® high-visibility yellow outer shell with a replaceable flexible inner bladder.
- 3" wide fully padded and adjustable shoulder and sternum straps.
- Shoulder strap equipped with clip for pump storage when not in use.
- Spine protecting center padding.
- 2" wide waist belts which can be rolled up and stored in onboard pockets if not used.
- 2" wide carry handle on top of the backpack.
- Gear pocket on left hand side for storage of hand pump, shovels, etc.
- Equipment pocket for small item storage.

- Transparent window for label (display crew name/number).
- Backpack has a capacity of 6 gallons (22 L), weighs approximately 50lbs (22.7 kg) when full. Dimensions (empty) 24" H x 20" W.
- 4" filling opening includes removable debris screen and lid with retaining strap.
- 3/4" GHT hose connection located at bottom center of backpack.

4000-BRAVO

Bravo Backpack, Water Hand Pump, 4' hose, complete system

4000F-BRAVO

Bravo Backpack, Foam Hand Pump, 4' hose, complete system

- A 4002B** Bravo Backpack (front)
- B 4062** 4' hose with quick connect
- C 4000** Water hand pump
- D 4002B** Bravo Backpack (back)



BACKPACK FILL STATION

- Provides a quick and easy method to refill Backpacks.
- Installs on any 1 1/2" water outlet.
- Connects to the pickup hose of any Scotty Backpack (3/4" GHT).
- Consists of a 1 1/2" Water Thief Tee, Double Female Connector (NPSH, NHT or BSP), 4' hose and Quick Connect shut off.



4002FILL-NPSH
4002FILL-NHT

NPSH Fill Station
NHT Fill Station

ALPHA BACKPACK

- Manufactured from strong polyester fabric, protected by a thermoplastic polymer.
- 3" wide fully padded, adjustable shoulder and sternum straps.
- Shoulder strap equipped with clip for pump storage when not in use.
- 1" wide carry handle on top of the backpack.
- Backpack has a capacity of 5 gallons (19 L). Dimensions (empty) 25" H x 16.5" W. It weighs approximately 40lbs (18.2 kg) when full.
- 4" filling opening includes removable debris screen and lid with retaining strap.
- ¾" GHT hose connection located at bottom center of backpack.

4000-BP	Alpha Backpack, Water Hand Pump, 4' hose, complete system
4000F-BP	Alpha Backpack, Foam Hand Pump, 4' hose, complete system
4000	Water Hand Pump
4000F	Foam Hand Pump
4002A	Backpack only
4062	4' hose with quick connect



- A 4002A** Alpha Backpack (front)
- B 4062** 4' hose with quick connect
- C 4000** Water hand pump
- D 400F** Foam hand pump
- E 4002A** Alpha Backpack (back)



4000SERV
Pump Maintenance Kit
(for older model hand pumps.)



4000SERV-DB Service Kit with
Duckbill Valves



BACKPACKS

WATER HAND PUMP

(refer to page 5 and also demonstrated below)

- Single action pump with a brass inner chamber and piston.
- Outer pump sleeve made from super tough, engineering-grade polymer making it durable and lightweight.
- Incorporates easy to pump Duckbill check valve system.
- Adjustable nozzle produces super fine jet stream and a full cone fog spray.
- Effective reach of stream 30' (9 m) Jet, 15' (4.5 m) Full Cone
- 3/4" GHT Quick hose connection.
- Lightest firefighting hand pump available. Weighs just 22 oz to help reduce user fatigue.
- Total length is 26" (66 cm)

FOAM HAND PUMP

(refer to page 5 and also demonstrated below)

- All the components and features of the 4000 water hand pump with the addition of a foam eductor, foam reservoir and air-aspirating nozzle.
- The 4000F eliminates the need to batch mix foam in the back pack.
- Each time the pump draws in water, foam concentrate is educted at 1% into the pump chamber.
- The air-aspirating nozzle generates foam when the pump is discharged.
- Foam reservoir will hold 17 fl oz (500 ml) of Class A Foam which will mix approximately 25 gallons (95 L) of water.



4004-YF

ROCKET NOZZLE

- Adjustable nozzle produces super fine jet stream and a full cone fog spray.
- Standard 3/4" GHT.
- Flows at 1.25 GPM in straight stream.
- Effective reach of stream 30' (9 m) Jet, 15' (4.5 m) Full Cone.
- Will retrofit on all past Scotty Firefighter hand pumps.
- High visibility fluorescent yellow.
- Made of corrosion proof, glass fiber filled nylon.



4003

3 GPM AIR ASPIRATING NOZZLE

- Air aspirating nozzle for generating great foam bubble structure.
- Fits all Scotty Firefighter hand pumps.
- Standard 3/4" GHT.
- Effective reach of stream 25' (7.6 m).
- Made of corrosion proof, glass fiber filled nylon.



FOAM & GEL SYSTEMS

FOAM EDUCTOR BACKPACK SYSTEMS

With portable foam systems, every fire hose line becomes a foam line. For versatility and flexibility, Scotty has four different flow rates. All units include:

- Backpack with 5 gallon capacity.
- Foam pickup hose with shut off valve Quick Connector.

- Air aspirating or fog/straight stream Nozzle with matching Foam Eductor.
- D-Handle shut off with Pistol Grip ball shut off, 1 1/2" NPSH, NHT or BSP threads.



A, B & C 4037FBP70 Backpack, 4' hose and eductor with fog/straight stream nozzle

A, B & D 4030BP50 Backpack, 4' hose and eductor with air aspirating nozzle

4020BP15	15 GPM - 57 l/min
4025BP30	30 GPM - 114 l/min
4030BP50	50 GPM - 190 l/min
4031SBP50	50 GPM - 190 l/min
4033BP70	70 GPM - 256 l/min
4034SBP70	70 GPM - 256 l/min
4035MBP70*	70 GPM - 256 l/min
4037MBP*	70 GPM - 256 l/min
4037FBP70*	70 GPM - 256 l/min

* equipped with fog/staight stream nozzle

S-denotes short barrel foam nozzle

M-denotes medium expansion nozzle (4039MX)



4064

OPTIONAL VARIABLE CHECKVALVE

The Eductor Backpack systems can be fitted with the 4064 Variable Checkvalve Foam Control Unit. This extra option gives the operator the ability to control the foam percentage being educted. The presets are OFF, .5%, 1% and 3%. Custom settings are available. Please call for details.

FOAM & GEL SYSTEMS

ROLL & FOAM MOBILE FOAM ATTACK SYSTEM

- Self-contained unit can transform any pressurized fire hose, water supply line or stand pipe into a fire fighting, foam generating station.
- The 4045A-30 System weighs 22 lb. (empty) and measures 34" H x 19" W x 15 1/2" D.
- Unit can be deployed and foam sprayed in under a minute.
- Suitable for industrial sites and installations, warehouse storage facilities, lumberyards, mines, shopping malls, schools, marinas, harbors or aircraft hangars.
- The 4045A-30 can be configured for Class B foam.

- The system consists of a wheeled, 14 gallon capacity supply tank, 50' of flat hose, a 30 GPM Scotty foam educator set at 1% for Class A Foam and 30 GPM air aspirating Foam Nozzle with Pistol Grip shut off.
- The 4045 is designed for a nominal operating pressure of between 50 and 150 PSI.
- The Supply Tank must be filled with foam concentrate prior to deployment.
- The threads on the swivel connector on the Educator are standard 1 1/2" NPSH thread type.
- A thread adapter is included to change to NHT (NST) or BSP threads.
- The Educator, Pistol Grip shut off and base of the nozzle are made from glass reinforced engineering grade nylon, making it extremely durable and resistant to corrosion.



4045A-30



FOAM & GEL SYSTEMS



FOAM FACTORY & FIRE GEL KITS



4075-GEL15



4047-3

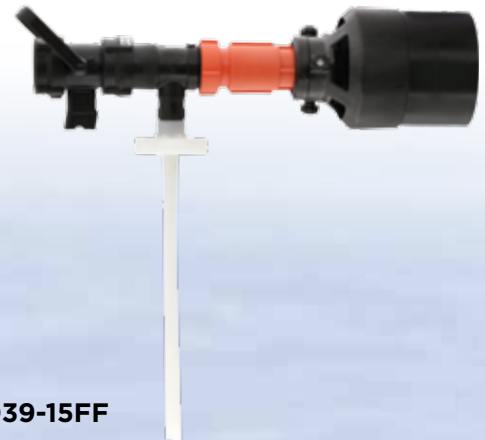


4047-PP30

FIRE GEL APPLICATOR KITS

- Applicators for all brands of aqueous fire fighting Gels, like Barricade®, Phos-Chek®, Thermo-Gel® and No-Char.
- Scotty makes the most economical, effective and easy to use gel delivery Systems available today.

4075-GEL15	15 GPM Gel Applicator Kit 1 ½" hose lines
4047-3	3 GPM Gel Applicator Kit 3 ¼" hose lines
4047-PP30	30 GPM Gel Applicator Kit 1 ½" hose lines
4039-15FF	15 GPM Foam Factory 1 ½" hose lines



4039-15FF

FOAM FACTORY

- Transforms 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 Educator set for either 1% for Class A Foam or 3% for Class B Foam, a Fog Nozzle with Medium Expansion Attachment, a ball shut off with 1-½" swivel connection mounted on a cap and a pickup 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 NPSH, NHT or BSP thread when ordering.



FOAM APPLICATOR KITS

FOAM APPLICATOR KIT

- Designed as an End of the Line hose attachment.
- Provides fast and easy delivery of Class A or Class B (AFFF) Foams.
- Standard fixed eduction rates of 1% or 3% (if specified).
- Ideal for applications in many environments; Fire Departments, Industrial Facilities, Storage Facilities, Marinas, Aircraft Hangers, etc.
- Manufactured from glass reinforced nylon for strength and durability.

4075-15	15 GPM Foam Applicator Kit 1 1/2" hose lines
4075-30	30 GPM Foam Applicator Kit 1 1/2" hose lines
4075-50	50 GPM Foam Applicator Kit 1 1/2" hose lines
4075-70	70 GPM Foam Applicator Kit 1 1/2" hose lines
4074	Empty 1.3 gallon (5L) container with cap and seal

FOAM APPLICATOR KIT WITH VARIABLE PERCENTAGE CHECK VALVE

- As above with the added capability to change the foam percentage.
 - The Variable Checkvalve can be set to OFF, 0.5%, 1% or 3%.
- Custom settings are available. Please call for details.

4075-15V	15 GPM Foam Applicator Kit 1 1/2" hose lines
4075-30V	30 GPM Foam Applicator Kit 1 1/2" hose lines
4075-50V	50 GPM Foam Applicator Kit 1 1/2" hose lines
4075-70V	70 GPM Foam Applicator Kit 1 1/2" hose lines

FOAM APPLICATOR KITS FOR 3/4" GHT HOSE LINE

- Ideal for economical use of water without sacrificing fire fighting effectiveness.
- Great for use in situations where there are water limitations.
- Both 3 GPM and 8 GPM kits operate with a pressure of 40 PSI or greater.

4075-3	3 GPM Foam Applicator Kit 3/4" forestry/garden hose
4075-8	8 GPM Foam Applicator Kit 3/4" forestry/garden hose



4075-50V



4075-3



4075-8

FOAM-FAST APPLICATORS



4010-30



4010-MINI



4010-3



4010CART12PC

4010-3	Mixer, shut off and 3 GPM nozzle, uses 6" cartridges	3/4" GHT
4010-15	Mixer, pistol grip ball shut off and 15 GPM nozzle, uses 12" cartridges	1 1/2" NHT, NPSH or BSP
4010-30	Mixer, pistol grip ball shut off and 30 GPM nozzle, uses 12" cartridges	1 1/2" NHT, NPSH or BSP
4010-50	Mixer, pistol grip ball shut off and 50 GPM nozzle, uses 12" cartridges	1 1/2" NHT, NPSH or BSP
4010-MINI	Mixing unit for Scotty 4000 Water Hand Pump, includes 3 GPM foam nozzle, uses 3" cartridges	3/4" GHT

FOAM-FAST™ FOAM SYSTEMS

- Simple and effective method of deploying Foam-Fast™ wetting agent onto a fire scene.
- To operate, open the inlet side of the mixing chamber, insert a Foam-Fast™ cartridge, reseal the inlet end cap, attach to a supply hose and spray Class A foam.

- The foam cartridge will dilute into the water flow and emerge through the Air Aspirating Nozzle.
- Foam-Fast™ cartridges are produced by ICLPerformance, makers of Phos-Chek® Foam.
- Available in multiple flow rates (see chart below) for 3/4" GHT and 1 1/2" NHT, NPSH or BSP threaded hose lines.
- A 4010-MINI will convert a Scotty 4000 Water Hand Pump into a foam generator. Comes with an air aspirating Nozzle and uses 3" long cartridges.



FOAM EDUCTORS & FOAMCHECK PRO

FOAM EDUCTORS

- Fits 1 1/2" hose lines and are available in 5 flow rates.
- Comes with standard Checkvalve set for a fixed 1% eduction ratio.
- Checkvalves are available, upon request, for 0.5% or 3% eduction rates.
- Match to Scotty air aspirating Nozzles of the same flow rate.
- Can be mounted at the pump or in End of the Line position.
- Maximum downstream hose length of 150' when mounted at the pump.

4060-15	15 GPM Foam Eductor
4060-30	30 GPM Foam Eductor
4060-50	50 GPM Foam Eductor
4060-70	70 GPM Foam Eductor
4060-95	95 GPM Foam Eductor

VARIABLE PERCENTAGE CHECKVALVE

- Designed to fit all Scotty 4060 Eductors Controls the percentage of foam concentrate.
- Four control positions: OFF, 0.5%, 1% and 3%.
- Suitable for eduction of Class A and Class B (AFFF) foam concentrates.
- They can be retrofitted onto Scotty 4060 Eductors.

When ordering checkvalves, the flow rate of the eductors must be specified.

Custom settings are available. Please call for details.

4064	For use with 3/4" GHT Foam pickup Hose
4065	For attaching to 1.3 gallon jugs, used in 4075 Foam Kits

FOAM PICKUP HOSE SYSTEMS

- 4' foam hose with 18" pickup spike. Drop into any container or bucket.
- 10" foam hose and cap assembly for five gallon pails. Includes 3/4" GHT shut off valve.

4060-15V	15 GPM Foam Eductor with variable check valve
4060-30V	30 GPM Foam Eductor with variable check valve
4060-50V	50 GPM Foam Eductor with variable check valve
4060-70V	70 GPM Foam Eductor with variable check valve
4060-95V	95 GPM Foam Eductor with variable check valve



- A 4060** Foam Eductor
B 4062PICKUP5 5 gallon pickup hose system
C 4062SPK18 4' hose with 18" suction tube pickup hose system
D 4060V Foam Eductor with variable check valve
E 4065 Variable check valve for 4075 Foam kits
F 4064 Variable check valve for 3/4" GHT foam pickup hose

FOAMCHECK 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"H x 3.8"L x 2.3"W.
- Includes display console, 1 1/2" Sensor Tee with NPSH, NHT OR BSP 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.



4070

FOAM EDUCTOR & MIXER

“THROUGH-THE-PUMP” FOAM EDUCTOR AND MIXER

- Educts foam concentrate into hose lines through a pump’s suction and discharge sides, also known as an “Around-The-Pump” system.
- 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 pickup hose.
- Use stock code 4171KIT to include one 1 ½” Cast Aluminum Connecting Tee and one 2” Cast Aluminum Connecting Tee.

- A 4071T15NPSH** 1.5” NPSH connecting tee
- B 4171PRSHSECON** 18” pressure hose
- C 4171** Foam eductor
- D 4071T2NPSH** 2” NPSH connecting tee
- E 4171FOAMHSE** Foam pickup hose



MINI FOAM EDUCTOR/ MIXER KIT

- “Through-The-Pump” foam system for smaller portable water pumps.
- Like the larger 4171, the unit is mounted between the discharge and suction side of a pump.
- The 4072KIT comes with two 1 ½” NPSH cast aluminum swivel tees.
- Set for preset eduction ratios of: OFF .2%, .5%, .7% and 1%.
- The 4072 is available for flow rates of: 15, 30, 50 and 70 GPM.

Please specify GPM rate when ordering.



4171 Shown on a WATERAX skid unit

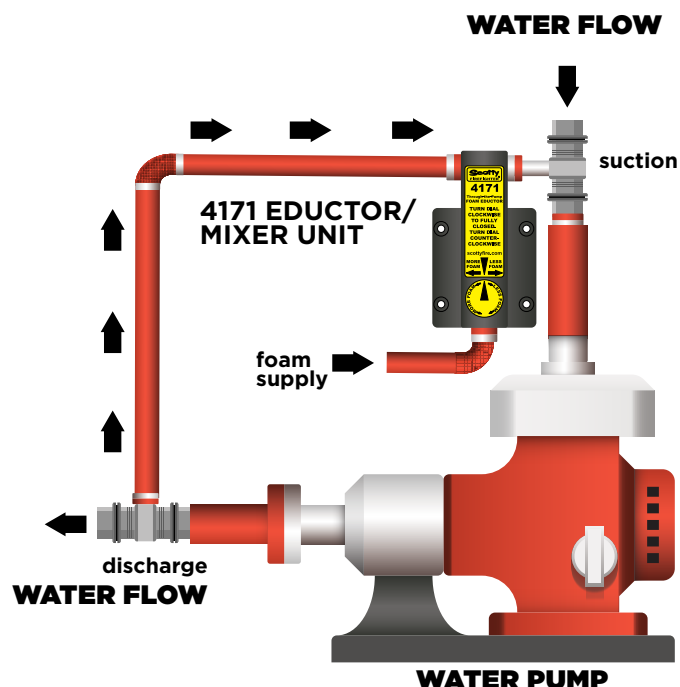


FOAM EDUCTOR & MIXER

EXAMPLE OF FOAM CONTROL SETTINGS FOR VARIOUS NOZZLE GPM RATES

SCOTTY 4020 (15 gpm, 57 L/min)		SCOTTY 4030 (50 gpm, 189 L/min)	
FOAM %	DIAL TURNS	FOAM %	DIAL TURNS
0.15	½	0.25	¾
0.3	½	0.5	1 ½
0.75	1	0.75	3
1	2	1	4 ½
2	4	2	7
3	5	3	8 ½

SCOTTY 4025 (30 gpm, 114 L/min)		SCOTTY 4033 (70 gpm, 265 L/min)	
FOAM %	DIAL TURNS	FOAM %	DIAL TURNS
0.15	½	0.25	1
0.3	1	0.5	2
0.75	2	0.75	4
1	3	1	5 ½
2	5	2	8
3	7	3	9 ½



4171	Foam Eductor with pressure & foam pickup hoses
4171KIT	Foam Eductor with pressure & foam pickup hoses and 2 connecting tees
4171-NH	Foam Eductor only

4072-15	15 GPM Mini Foam Eductor, with pressure & foam pickup hoses
4072-30	30 GPM Mini Foam Eductor, with pressure & foam pickup hoses
4072-50	50 GPM Mini Foam Eductor, with pressure & foam pickup hoses
4072-70	70 GPM Mini Foam Eductor, with pressure & foam pickup hoses

4072-15KIT	15 GPM Mini Foam Eductor, with pressure & foam pickup hoses & 2 connection tees
4072-30KIT	30 GPM Mini Foam Eductor, with pressure & foam pickup hoses & 2 connection tees
4072-50KIT	50 GPM Mini Foam Eductor, with pressure & foam pickup hoses & 2 connection tees
4072-70KIT	70 GPM Mini Foam Eductor, with pressure & foam pickup hoses & 2 connection tees



4171 Shown on a CET skid unit

NOZZLES

AIR ASPIRATING NOZZLES

- Manufactured from engineering grade, composite polymers for durability at the fire scene.
- All 1 1/2" Scotty air aspirating Nozzles include a double female connector, NPSH, NHT or BSP.

NOZZLE	INLET TYPE	INLET SIZE	FLOW RATE
A 4003	GHT female	3/4" • 19 mm	3 GPM 11.36 L/min. at 60 PSI
B 4015	GHT female	3/4" • 19 mm	8 GPM 30.3 L/minute at 60 PSI
C 4020	NPSH, NHT or BSP female	1 1/2" • 38 mm	15 GPM 56.8 L/minute at 100 PSI
D 4025	NPSH, NHT or BSP female	1 1/2" • 38 mm	30 GPM 113.6 L/minute at 100 PSI
E 4030	NPSH, NHT or BSP female	1 1/2" • 38 mm	50 GPM 189.3 L/minute at 100 PSI
F 4031	NPSH, NHT or BSP female	1 1/2" • 38 mm	50 GPM 189.3 L/minute at 100 PSI
G 4033	NPSH, NHT or BSP female	1 1/2" • 38 mm	70 GPM 265.0 L/minute at 100 PSI
H 4034	NPSH, NHT or BSP female	1 1/2" • 38 mm	70 GPM 265.0 L/minute at 100 PSI
I 4036	NPSH, NHT or BSP female	1 1/2" • 38 mm	95 GPM 359.6 L/minute at 100 PSI



EFFECTIVE REACH OF STREAM	MAXIMUM SAFE OPERATING PRESSURE	DIMENSIONS	
		LENGTH	WEIGHT
25 ft/8 m at 60 PSI	200 PSI	5.60" • 142.20 mm	0.15 lbs • 0.06 kg
35 ft/10 m at 60 PSI	200 PSI	10.00" • 254.00 mm	0.20 lbs • 0.10 kg
60 ft/18 m at 100 PSI	200 PSI	17.38" • 441.45 mm	0.75 lbs • 0.34 kg
60 ft/18 m at 100 PSI	200 PSI	17.38" • 441.45 mm	0.75 lbs • 0.34 kg
60 ft/18 m at 100 PSI	200 PSI	21.50" • 546.10 mm	1.10 lbs • 0.50 kg
60 ft/18 m at 100 PSI	200 PSI	14.75" • 374.65 mm	0.75 lbs • 0.34 kg
60 ft/18 m at 100 PSI	200 PSI	21.50" • 546.10 mm	1.10 lbs • 0.50 kg
60 ft/18 m at 100 PSI	200 PSI	14.75" • 374.65 mm	0.75 lbs • 0.34 kg
60 ft/18 m at 100 PSI	200 PSI	21.75" • 552.45 mm	1.15 lbs • 0.52 kg



NOZZLES

FOG/STRAIGHT STREAM NOZZLE

- Easy adjustable, durable, light weight and maintenance free.
- It creates a perfect, wide, fine mist in fog mode and has excellent reach of stream; 80' at 100 PSI in straight mode.
- It is available in a high flow (50-100 GPM) and a low flow (15-50 GPM) model.
- Nozzle shuts off past straight stream.
- Both flow rates are available in 1.5" NPSH, NHT, or BSP female threads.
- This nozzle can be used with foam or gel products.

FOG/STRAIGHT STREAM NOZZLE WITH D-HANDLE PISTOL GRIP SHUT OFFS

- Designed for use with In Line Foam Eductors (with no shut off capability)
- Available in high flow (50-100 GPM) and low flow (15-50 GPM).
- 4037 units include a Pistol-grip, ball shut off.
- Suitable for Class A and Class B foams.
- Comes with 1 1/2" NHT, NPSH or BSP swivel connections.
- For the nozzle only (with no shut off capability), use stock codes: 4035-HF and 4035-LF.

4035-HF	50 GPM to 100 GPM	1.5" NPSH
4035-HFA	50 GPM to 100 GPM	1.5" NHT
4035-LF	15 GPM to 50 GPM	1.5" NPSH
4035-LFA	15 GPM to 50 GPM	1.5" NHT
4038-HF	50 GPM to 100 GPM	1.5" NPSH
4038-HFA	50 GPM to 100 GPM	1.5" NHT
4038-LF	15 GPM to 50 GPM	1.5" NPSH
4038-LFA	15 GPM to 50 GPM	1.5" NHT

4037-HF	50 GPM to 100 GPM	1.5" NPSH
4037-HFA	50 GPM to 100 GPM	1.5" NHT
4037-LF	15 GPM to 50 GPM	1.5" NPSH
4037-LFA	15 GPM to 50 GPM	1.5" NHT

MEDIUM EXPANSION (MX) FOAM ATTACHMENT

- 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 and smothering foam blanket is required.
- Quickly lays down a foam firebreak for forest and grassland fires.

4039-MX	MX Foam Attachment only
4039MX-HF	MX Foam attachment with 4035-HF
4039MX-LF	MX Foam Attachment with 4035-LF



-
- A 4035** Fog/straight stream nozzle
 - B 4035** Fog/straight stream nozzle
 - C 4039MX-LFA** Nozzle with MX attachment
 - D 4039MX-LF** Nozzle with MX attachment
 - E 4039MX** MX nozzle attachment
 - F 4037-LFA** Fog/straight stream nozzle with D-handle pistol grip
 - G 4037-LF** Fog/straight stream nozzle with D-handle pistol grip
-



4004-YF-SO ROCKET NOZZLE WITH SHUT OFF

- Adjustable nozzle produces super fine jet stream and a full cone fog spray.
- 3/4" full flow shut off valve included.
- Standard 3/4" Female GHT.
- Flows at 1.25 GPM in straight stream
- Effective reach of stream 30' (9 m) Jet, 15' (4.5 m) full cone.
- Made of corrosion proof, glass fiber filled nylon.

NOZZLES

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, NPSH or BSP threads.
- Maximum operating pressure 150 PSI.

4005C	1.5" NPSH Penetrator Nozzle
4005A	1.5" NHT Penetrator Nozzle

SMOOTH BORE NOZZLE

- Direct a solid stream of water to its maximum reach with the pressure available.
- Manufactured from engineering grade polymers. Very lightweight, extremely durable and absolutely corrosion proof.
- Available in 50 GPM and 100 GPM sizes.
- 1 ½" Female NPSH, NHT or BSP threads.
- Maximum operating pressure 150 PSI.

4032-50	50 GPM 1.5" NPSH Smooth Bore Nozzle
4002-50A	50 GPM 1.5" NHT Smooth Bore Nozzle
4032-100	100 GPM 1.5" NPSH Smooth Bore Nozzle
4032-100A	100 GPM 1.5" NHT Smooth Bore Nozzle

REVOLVER MULTI-FLOW NOZZLE

- Outer barrel rotates easily to provide flow rates of 3, 6, 9 and 12 GPM. Also includes OFF setting.
- Suitable for Class A or Class B Foams.
- 1.5" Female NPSH, NHT or BSP Threads.
- Maximum operating pressure 150 PSI.

4044-YF	1.5" NPSH Penetrator Nozzle
4044A-OR	1.5" NHT Penetrator Nozzle

PINCHER DUAL PATTERN NOZZLE

- Flexible tipped nozzle that the user can simply squeeze between the fingers to change the spray pattern from a straight stream to a fan or slot pattern.
- 1.5" Female NPSH, NHT or BSP threads.
- 60 GPM at 100 PSI.
- Stream straightener included to decrease flow turbulence and increase the reach of stream. It is rated for pressures up to 200 PSI.

4006-RD	1.5" NPSH Pincher Nozzle
4006A-RD	1.5" NHT Pincher Nozzle



- A 4005C Penetrator nozzle
- B 4032-50 Smooth bore nozzle
- C 4032-100 Smooth bore nozzle
- D 4044-YF Revolver nozzle
- E 4044A-OR Revolver nozzle
- F 4006-RD-SO Pincher nozzle with 4080
- G 4006-RD Pincher nozzle

MINI MONITOR SYSTEMS

- Nozzle mounting system for trucks, ATVs or boats.
- Includes mounting plate, full 360° rotating pedestal base and adjustable nozzle tube.
- Recommended for up to 1 ½" hose lines, pressure of 50 to 150 PSI.
- Angle of tube can be locked in one of seven positions.
- ABS, GRP and stainless steel construction.
- Extremely durable and impervious to corrosion.

Available in 1.5" NPSH, NHT or BSP threads.

- A 4049-50SB** Mini monitor with 4032-50
B 4035-LF Low flow fog nozzle
C 4031 Air aspirating nozzle
D 4039MX-LF Fog nozzle MX foam attachment

4049-15	Mini Monitor with 15 GPM Foam Tube
4049-30	Mini Monitor with 30 GPM Low Flow Fog Nozzle
4049-30MX	Mini Monitor with 30 GPM Low Flow Fog Nozzle (includes MX foam attachment)
4049-50	Mini Monitor with 50 GPM Foam Tube
4049-50SB	Mini Monitor with 50 GPM Smooth Bore Nozzle
4049-100SB	Mini Monitor with 100 GPM Smooth Bore Nozzle



WRENCHES & FIREFIGHTING TOOLS

A 4579-YF Super Spanner Hydrant Wrench

B 4577-YF Spanner/Gas Wrench

C 4578-YF-61 Drum & Pail Wrench for 61 mm lids

D 4578-YF Drum & Pail Wrench for 70 mm lids

E 4580 Wrench mounting bracket for 4578 & 4579 wrenches

SUPER SPANNER HYDRANT WRENCH

- Operates standard 1 ½" and 1 ¼" pentagon fire hydrant nuts.
- Opens large and small bungs on 55 gallon drums.
- Fits hose couplers ranging from 3" (76 mm) up to 7" (178 mm).
- 4 and 5" Stortz fittings.
- Opens standard 70 mm caps on 5 gallon foam concentrate containers.
- Municipal gas cock shut off.
- Oxygen tank shut off and quick release snap hook.
- Fits optional 4580 Mounting Bracket
- Weighs 14 oz (400 g) and is 17 ¾" (450 mm) long.

SPANNER/GAS WRENCH

- Used to tighten and loosen 1" (25 mm) to 3" (76 mm) hose coupler fittings.
- Made from tough GRP in a high visibility yellow colour.
- Opens standard 70 mm caps on 5 gallon foam concentrate containers.
- Includes a municipal gas and oxygen tank shut off.
- Spark and corrosion proof, with quick release snap hook.
- Weighs just 2 ¾ oz (79 g) and is 7 ½" (190 mm) long.

DRUM & PAIL WRENCH

- Opens and closes the caps found on standard 5 gallon foam pails.
- Works for the large and small bungs on 55 gallon drums.
- Made of GRP in high visibility yellow and is spark and corrosion proof.
- Fits optional 4580 Mounting Bracket
- Weighs 6.5 oz (185 g) and is 10" (254 mm) long.
- 4578-YF-61 opens 61 mm lids

WRENCH BRACKET

- Mounting Bracket for the Scotty 4578 and 4579 Wrenches.
- Simple snap clip secures Wrench in place on a wall or in a cabinet, etc.
- Can be installed vertically, horizontally or at virtually any angle.



WRENCHES & FIREFIGHTING TOOLS



ADAPTERS, CONNECTORS & VALVES



4040YF



4040YFSO



4040-QC-SO

WATER THIEF

- Fits onto 1 1/2" hose line to provide an extra 3/4" GHT outlet.
- Made of high visibility, light weight GRP.
- Ideal for sprinkler and forestry mop up operations.

WATER THIEF WITH SHUT OFF

- 4040 Water Thief with the addition of a 3/4" GHT shut off.
- Available with optional 1/4 Turn Quick Connects.

WATER THIEF WITH 1/4 TURN CONNECTORS

- Water Thief with 1/4 turn quick connects and 3/4" shut off valve.



ADAPTERS, CONNECTORS & VALVES



4050A

3-WAY VALVE NH THREADS

- Light weight water distribution device.
- New valve handle accepts Stortz adapters.
- Durable construction, made of GRP.
- Built in “weep” feature to help prevent silt blockage.
- 3 x 1 1/2” male NHT.
- Rated for 300 PSI safe working pressure.



4050-YF

3-WAY VALVE NPSH THREADS

- Light weight water distribution device.
- New valve handle accepts Stortz adapters.
- Durable construction, made of GRP.
- Built in “weep” feature to help prevent silt blockage.
- 3 x 1 1/2” male NPSH.
- Rated for 300 PSI safe working pressure.



4050QC3

3-WAY VALVE WITH 1/4 TURN CONNECTORS

- Available with 1/4 turn quick connects.
- Rated for 300 PSI safe working pressure.

3-WAY CONNECTOR

- As the 4050, without valve.
- GRP construction, light weight.
- 3 x 1 1/2” male NHT (orange cap) or NPSH (yellow cap) threads.
- Available with Forestry 1/4 Turn Quick Connects affixed, stock code 4055QC3.
- Rated for 300 PSI safe working pressure.



4055YF



4055A

SQUALL WALL™

- Appliance for a pressured water line, creates a wall of water to help wet and protect.
- Can create a wall of water 40’ wide and 20’ high.
- Secure with three screws or a single spike in the ground.
- Flow rates available: 15, 30 and 50 GPM.
- Available with 1 1/2” male or with female threads (with double female connector).



4056-AF/4056-F



4056-AQC/4056-QC

ADAPTERS, CONNECTORS & VALVES

- A 4084** Adapter (female to male)
- B 4085** Double female connector
- C 4087** Double female swivel connector
- D 4091** Double male connector
- E 4082** Reducer
- F 4076-34** Reducer
- G 4076-34F** Reducer

ADAPTERS, CONNECTORS AND REDUCERS

All Scotty Firefighter's adapters, connectors and reducers are made from tough, lightweight engineering grade polymers. They are very durable and resistant to corrosion.

ADAPTERS

4084	1 1/2" Female NPSH x 1 1/2" Male NHT (38 mm F NPSH x 38 mm M NHT)
4084AC	1 1/2" Female NHT x 1.5" Male NPSH

DOUBLE FEMALE CONNECTORS

4085	1 1/2" NPSH x 1 1/2" NPSH
4086	1 1/2" NPSH x 1 1/2" NHT
4086AA	1 1/2" NHT x 1 1/2" NHT

DOUBLE FEMALE SWIVEL CONNECTORS

4087	1-1/2" NPSH x 1-1/2" NPSH
4088	1-1/2" NHT x 1-1/2" NHT
4088AC	1 1/2" NHT x 1 1/2" NPSH

DOUBLE MALE CONNECTORS

4091	1 1/2" NPSH x 1 1/2" NPSH
4091AA	1 1/2" NHT x 1 1/2" NHT
4091AC	1 1/2" NHT x 1 1/2" NPSH

REDUCERS

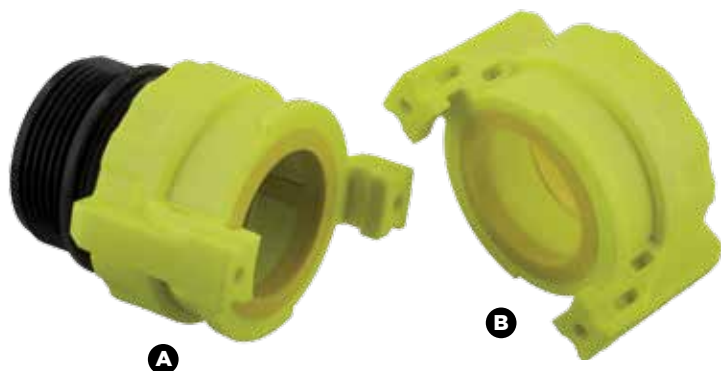
4076	1 1/2" Female NPSH x 1" Male NHT
4076-34	1 1/2" Female NPSH x 3/4" Male GHT
4076-34F	1 1/2" Female NPSH x 3/4" Female GHT
4077	1 1/2" Female NHT x 1" Male NHT
4077-34	1 1/2" Female NHT x 3/4" Male GHT
4077-34F	1 1/2" Female NHT x 3/4" Female GHT
4082	1 1/2" Male NHT x 1" Female NHT
4082AC	1 1/2" Male NHT x 1" Female NPSH
4083	1 1/2" Male NPSH x 1" Female NPSH



ADAPTERS, CONNECTORS & VALVES

1/4 TURN QUICK CONNECT

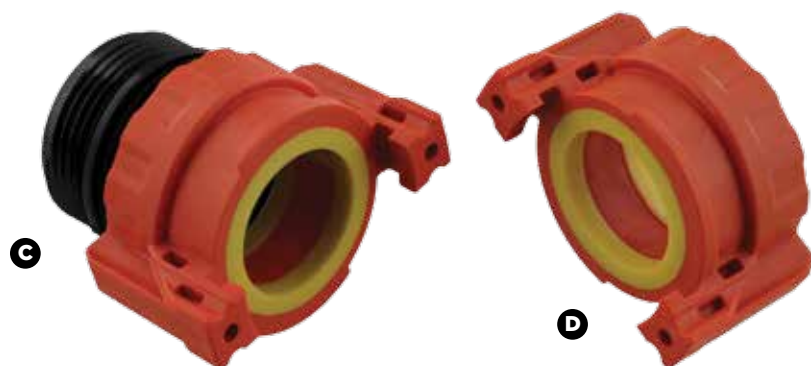
- Used by Forestry Crews for decades to connect hose lays quickly.
- Made of GRP, they are durable, lightweight and will never corrode or seize like traditional aluminum QTQC's.
- Eliminates problems associated with incompatible threads and speeds the connecting of hoses, nozzles and appliances.



4089F	Quick Connect x 1 1/2" Female NPSH (black)
4089M	Quick Connect x 1 1/2" Male NPSH (black)
4089YF	Quick Connect x 1 1/2" Female NPSH (yellow)
4089YM	Quick Connect x 1 1/2" Male NPSH (yellow)
4089AF	Quick Connect x 1 1/2" Female NHT (orange)
4089AM	Quick Connect x 1 1/2" Male NHT (orange)

CONNECTING TEE

- 1.5" x 1.5" x 1.5" connecting tees available in NPSH, NHT or BSP threads.
- Available with rigid 1.5" female inlet (4051 & 4051A) or a swivel 1.5" female inlet (4051SWV & 4051SWVA)



4051	3 x 1 1/2" NPSH Threads
4051A	3 x 1 1/2" NHT Threads (orange)
4051SWV	2 X 1 1/2" Male x 1 1/2" Swivel Female
4051ASWV	2 X 1 1/2" Male x 1 1/2" Swivel Female (orange)



- A 4089YM** Male quick connect (yellow)
- B 4089YF** Female quick connect (yellow)
- C 4089AM** Male quick connect (orange)
- D 4089AF** Female quick connect (orange)
- E 4089M** Male quick connect (black)
- F 4089F** Female quick connect (black)
- G 4051** 1.5" tee connector
- I 4051ASWV** 1.5" tee connector with swivel inlet



ADAPTERS, CONNECTORS & VALVES



4080



PISTOL GRIP BALL SHUT OFF

- Lightweight, easy-grip ball shut off valve.
- Finger grooved hand grips for better comfort.
- Connects to 1 1/2" fire hose, or with a 4082/4083 reducer, a 1" hose line.
- Manufactured from tough, corrosion free, glass reinforced polymers.
- Available in NHT(4080A), NPSH or BSP(4080B) threads.
- Handle Grips for the 4080 are available in black, blue, orange and yellow (eg.4080GRPSBLUE, ORG, or YEL).

4080	1 1/2" Female NPSH Inlet and 1-1/2" Male NPSH outlet
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4080A	1 1/2" Female NHT Inlet and 1-1/2" Male NHT outlet
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D-HANDLE BALL SHUT OFF

- Same feature as the pistol grip ball shut off without the grip.

4081	1-1/2" Female NPSH Inlet and 1-1/2" Male NPSH outlet
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4081A	1-1/2" Female NHT Inlet and 1-1/2" Male NHT outlet
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4081

FIREFIGHTING EXTRAS

PILLOW TANKS

- Designed to carry and/or store water for use at fire scenes and incident sites.
- Available in capacities of 132 US gallon (500 L) and 264 US gal (1000 L).
- Made from fabric reinforced materials.
- Includes 2" NPSH ball valve, removable 5" wide cap and reinforced corner brackets for tie downs.
- Not approved for potable water.

4550-500
4550-1000

500 L (132 US gal) 58" x 64" (Empty)
1000 L (264 US gal) 58" x 106" (Empty)




FIREFIGHTING EXTRAS





- A 300BK/300YL** Tarp clips
- B 6008** Small service/parts trays, available in ●●●●●● colours
- C 774** Air tight container
- D 4093** Throw/rope bag
- E 4782** Safety Whistle
- F 3010** Snap hook key chain
- G 4100** 3/4" Forestry hose winder
- H 0125** Scotty tumber cups, available in ●●●●●● colours
- I 4548** 36" Fluid transfer pump
- J 789** Water tight first aid kit
- K 0782** Safety Whistle
- L 6016** Large service/parts trays, available in ●●●●●● colours





Scotty Firefighter
2065 Henry Ave West
Sidney, British Columbia, Canada
V8L 5Z6

Phone: 250 656 8102 **Toll Free:** 1 800 214 0141
Fax: 250 656 8126 **Email:** fire@scotty.com