



"Leading the World in Affordable, Effective Portable Foam Systems"

PORTABLE BACK-PACK FOAM SYSTEMS

The Scotty Portable Back-Pack Foam System is an self-contained unit that can transform every fire hose line into a foam line. The system comprises of a 5 gallon Back-Pack (BP), a 4 foot foam Pickup Hose with Quick Connector, a Foam Eductor with matching Air Aspirating Foam Nozzle and a D-Handle Ball Shut-Off with swivel connector. The eductor is designed for a nominal operating pressure of between 75 and 125psi.

The photo at right shows the completely assembled unit. The Back-Pack has 2" wide, durable nylon straps with 3" wide shoulder pads making it comfortable to wear for extended periods. The eductor, shut-off and base of the nozzle are made from glass-reinforced engineering grade nylon, making it extremely durable and resistant to corrosion. The barrel of the nozzle is made from high-impact ABS polymer.

The following list includes all the different system combinations. The first 4 digits correspond with the Scotty Air Aspirating Nozzle, the BP denotes a Back-Pack and the last two digits indicate the flow rate in gallons per minute. Models 4037FBP70 are equipped with Fog/Straight stream nozzle tip.

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|-----------|-----------|
| 4020BP15 | 4034SBP70 |
| 4025BP30 | 4035MBP70 |
| 4030BP50 | 4036BP95 |
| 4031SBP50 | 4037FBP70 |
| 4033BP70 | |

All systems available with NPSH, NHT(A) and BSP(B) threads.



Instructions:

1. Ensure that the quick connect shut-off on the 3/4" pick up hose is in the off (closed) position. Attach threaded end of pick-up hose to outlet on back-pack.
2. Fill pack with foam concentrate through the 4" wide filler port located on rear of pack. Securely close cap on filler port.
3. Ensure the D-Handle is in the closed position. Connect the 1-1/2" swivel connection to supply hose (or 1" hose with a reducer).
4. Connect the quick connect end of the pick up hose to the Eductor. Turn the quick connect shut-off to the on (open) position.
5. Slowly open the D-Handle shut-off. As water passes through the eductor, foam concentrate will be educted into the water stream which then is aspirated as it exits the nozzle.

The photo at left shows a FireFighter coating a treeline with foam in advance of a fire.

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