



STYLES 3061, 3096 AND 3126 TRUCK FOAM SYSTEMS OPERATING MANUAL

OPERATING MANUAL

A. TO START FOAM OPERATIONS (Using Truck Foam Tank)

⚠Caution: Be sure nozzle or other discharge device is secure before beginning operations.

1. Set metering dial to desired percentage.
2. Slowly open WATER valve.
3. Slowly open EDUCTOR valve.
4. Slowly open FOAM valve.
5. Set pump pressure at 200 P.S.I.

B. TO START OFF TRUCK FOAM ACCESS (Option)

1. Close truck on board FOAM valve.
2. Set metering dial to desired percentage.
3. Remove FOAM ACCESS cap.
4. Connect pick up hose to Stortz connection.
5. Open OFF TRUCK FOAM ACCESS valve.
6. Place pick up tube into foam pail.

NOTE: Continue to operate as on board system.

C. TO STOP OPERATIONS AND SYSTEM FLUSH

1. Close all foam supply valves.
2. Reduce pump pressure 100 P.S.I. (nozzle must be open)
3. Slowly open FLUSH valve.
4. Maintain 100 P.S.I. pump pressure and run flush for at least 3 minutes. Rotate metering dial while flushing.

NOTE: If off truck access was used, open off truck foam access valve and pick up fresh water through pick up tube for 3 minutes at 100 P.S.I.

5. Stop pump and close all valves.
6. See General Operating Instructions for all eductors.

PRODUCT WARNINGS

- ⚠WARNING:** For use by training fire fighting personnel ONLY.
- ⚠WARNING:** 200 PSI inlet pressure to the eductor is the required operating pressure. Do not operate inlet to eductor over 250 PSI.
- ⚠WARNING:** The nozzle flow rating must be matched to eductor flow rating.
- ⚠WARNING:** Ensure that length and size of hose plus elevation of nozzle above the eductor is within guidelines established in the tables provided.
- ⚠WARNING:** Check all foam concentrate lines for leaks. Intake of air will result in improper metering of foam concentrate.
- ⚠WARNING:** Open and close all valves slowly.
- ⚠WARNING:** Charge all lines slowly to facilitate a controlled water pressure build up during start-up.
- ⚠WARNING:** For use with water and standard liquid fire fighting foams only.

- ⚠ WARNING:** Do not throttle the flow through a shutoff downstream of the eductor. This can cause the eductor to shut down because of too much back pressure.
- ⚠ WARNING:** Ensure all lines are clear before use.
- ⚠ WARNING:** Always reduce inlet pressure to 100 PSI before flushing.
- ⚠ WARNING:** Replace metering panel plate or off truck foam access plate if they become damaged and not easily read.
- ⚠ WARNING:** Do not throttle any valves in the eductor circuit. They must be fully opened and closed.
- ⚠ WARNING:** The eductor system is configured for optimum performance. Do not alter in any manner.
- ⚠ WARNING:** The eductor system includes both plastic and rubber components. These components can be damaged if cleaned with industrial strength cleaners. Always use warm water and mild detergents when cleaning.
- ⚠ WARNING:** Drain all lines after each use when the temperature drops below freezing. Water freezing inside the lines, valves and eductor can damage the system.
- ⚠ WARNING:** Air is compressible and can store a great deal of energy under pressure. It is important to bleed air from the system prior to operating.
- ⚠ WARNING:** Do not attempt to lubricate any part of the eductor system. No lubrication is required.
- ⚠ WARNING:** Your truck eductor and off truck foam access system should be inspected after each use, to ensure it is in good operating condition. If damage is detected, do not use the product. Contact Akron Brass for repair instructions. Qualified personnel should be used in all repair and maintenance activities.

Degradation of discharge performance indicates that the product is in need of repair. Immediately upon determining discharge performance degradation, the product should be taken out of service and checked to determine components that are worn and out of spec. Those components should be replaced and the product tested prior to placing back into service.

Water leaking from any product indicates wear damage. If this occurs, the product should be removed from service, repaired, flow tested to ensure all is okay, prior to placing it back into service.

Difficult to operate products can indicate damage has been incurred, or that abrasive particles are in the mechanism. Upon noticing this, the product should be taken out of service, repaired and tested.



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WARRANTY AND DISCLAIMER: We warrant Akron Brass products for a period of five (5) years after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service.

We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; damage; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

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