



STYLE 0730 AEROMASTER 12 FOAM TUBE OPERATING INSTRUCTIONS

The following is intended to provide the basic instructions for operating an AeroMaster 12 Foam Tube Style 0730. Read and understand these operating instructions before use.

PRODUCT RATINGS

Flow: 1500-3170 gpm (5700-12000 lpm) AT 10 Bar (monitor inlet pressure)

PRODUCT WARNINGS

⚠ WARNING Charge all lines slowly to facilitate a controlled water pressure build-up during start-up. Open and close slowly. Rapid opening will produce a sudden thrust. Rapid opening and closing can cause water hammer. Have your monitor properly supported to control the reaction force created by the stream.

⚠ WARNING Ensure the nozzle is aimed in a direction that is safe, prior to flowing.

⚠ WARNING Ensure the thread on the nozzle swivel is matched to the thread on the monitor.

PRODUCT CAUTIONS

⚠ CAUTION If any tags or bands on the nozzle are worn or damaged and cannot be easily read, they should be replaced.

⚠ CAUTION For use with fresh water or standard firefighting foams only.

Not recommended for use with salt water. After use with foam, flush with fresh water.

⚠ CAUTION For firefighting use only.

⚠ CAUTION Do not over tighten the nozzle onto the monitor connection.

⚠ CAUTION The nozzle is configured for optimum performance. Do not alter in any manner.

⚠ CAUTION Your nozzle should be inspected prior and after each use, to ensure it is in good operating condition. Periodically, an unanticipated incident may occur where the nozzle is used in a manner that is inconsistent with standard operating practices and those listed in IFSTA. A partial list of potential misuses follows:

- Operating above maximum rated pressure and flow.
- Not draining, and allowing water to freeze inside the nozzle.
- Dropping the nozzle from a height where damage is incurred.
- Prolonged exposure to temperatures above +130 degrees F, or below -25 degrees F,
- Operating in a corrosive environment.
- Other misuse that might be unique to your specific firefighting environment.

There are many "telltale" signs that indicate nozzle repair is in order, such as:

- Controls that are either inoperable or difficult to operate.
- Excessive wear.
- Poor discharge performance.
- Water leaks.

If any of the above situations is encountered, the nozzle should be taken out of service, repaired and tested by qualified technicians prior to placing it back in service.

INSTALLATION

The style 0730 foam tube attaches to the style 3700 nozzle by threading it onto the baffle stem on the front of the style 3700 nozzle. Thread the foam tube onto the nozzle until it stops then tighten the four set screws around the outside diameter of the threaded socket.

OPERATING INSTRUCTIONS

The style 0730 foam tube receives a straight stream from the style 3700 AeroMaster 12 nozzle and aspirates air into the stream for superior foam expansion. When the style 3700 nozzle is placed into a fog pattern, the water stream flows around the outside of the style 0730 foam tube.

MAINTENANCE

- Under normal conditions, periodically flushing the nozzle with clean water and cleaning grit and dirt from the exterior moving parts will allow the nozzle to operate as designed.
- Over time the seals and gaskets may need to be replaced. This can be accomplished by purchasing the appropriate Akron Brass repair parts. Use qualified maintenance mechanics or return the nozzle to Akron Brass for repair.

Parts List

DESCRIPTION	PART /DRAWING NO.	QTY	NOTES
Spider	R479A404	1	
SCREW SET 1/4-20 X 5/16 ST STL NYLOCK	766015	4	
Base	R479a401	1	
SCREW BTTN HD 1/4-20 x 3/4 BLK OXID3	766056	8	
SCREW BTTN HD CAP 1/4- 20 x 9/16 ST STL	92949A834	4	Pkg. of 50 Tube/adapter/inlet- outlet
Foam Stud 10-32 x 3" st stl	95412A445	12	Pkg of 10
Sealing washer	784165	12	93781A011 pkg of 10
acorn nut	735082	12	
O-ring 2-369 Buna-N 70	-	1	
SCREW BUTTON HEAD 10- 32 X 5/16	92949A262	12	stud plug 92949A262 pkg of 100
O-ring 2-362 Buna-N 70	757488	1	
Adapter	R479A502	1	
Expansion Tube-30"	R479A503	1	
SCREW BTTN HD 1.4-20 X 1/2	765153	4	



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