

**HANDLINE NOZZLES, MONITORS & Equipment**

**DEICING**

In the winter, freezing temperatures require special care of aircraft on the ground in order to keep them on schedule and moving safely. A critical part of winter operations involves deicing and anti-icing procedures, which require special nozzles and monitors to handle the chemical fluids. One chemical is applied in a hot spray, the other in a cool stream.

Akron Brass designs and manufactures nozzles and monitors for snow removal, deicing and aircraft rescue. Akron nozzles and monitors have been developed to apply Type I deicing fluid at elevated temperatures and higher pressures to melt or remove ice, snow and frost from the most critical surfaces of an aircraft. For the application of anti-icing, Akron Type IV nozzles and monitors operate at lower pressures and flows ensuring quality product disbursement without the worry of sheer to prevent ice and snow from forming on the aircraft. When you need premium airport support equipment, remember that Akron Brass is a name that is Tested... Proven... Trusted.



## HANDLINE NOZZLES

Akron Brass offers deicing control nozzles specifically designed to apply fluids to aircraft exteriors. These 1-inch handline nozzles have an integrated ball shutoff valve with large handles to allow easy operation with gloved hands. To assist the ground crews, the pistol grips are color-coded to provide quick identification under conditions of limited visibility and to ensure the correct fluid is applied.

- Simple ball shutoff operation
- Ergonomic bale handle and pistol grip for efficient flow control
- Colored handles and pistol grips for ease of identification
- 1" NPSH swivel inlet
- Length: 8 1/16"
- Lightweight - only 3 1/4 lbs.



STYLE 4802



STYLE 4806

**Note:** Various flows and pressures as well as colored handles and pistol grips are available. Contact Customer Service for assistance.

### STYLE 4802 Nozzle

#### Type I Nozzle (Deicing)

60 gpm @150 psi  
Spinning teeth for a full fog pattern

#### Type IV Nozzle (Anti-Icing)

22 gpm @ 60 psi  
No spinning teeth to minimize fluid sheer

### STYLE 4806 Dual Flow Nozzle

#### Type I and Type IV

- Capable of handling deicing and anti-icing fluids with one nozzle
- 20 gpm @ 50 psi
- 50 gpm @ 120 psi
- No spinning teeth

## STREAMMASTER™ MONITOR

### STYLE 3579 StreamMaster Electric Monitor

This electric remote-control monitor delivers a jet of high-temperature air through a low profile 4" airway to remove accumulated snow from the surfaces of the aircraft prior to deicing operations. It has a wide range of horizontal and vertical movement with adjustable stops and manual overrides. The StreamMaster is available with 12-volt or 24-volt motors and actuators and a variety of remote controls. An automatic stow feature is available.

- 180° horizontal and 135° vertical travel, both with adjustable stops
- Manual override
- Can specify 12 or 24 volt (24 volt CE approved)
- Stow feature available to avoid improper bedding accidents
- Precision robust stainless steel actuator



STYLE 3579



*StreamMaster Available With For Position Indicator Option*



*Optional Wireless Remote Control*

STYLE	WEIGHT LBS.	HIGHT	WIDTH	INLET	OUTLET
3579	45	16 1/4"	12 1/4"	4" FL	3 1/2" NH



# FIREFOX™ MONITOR

## STYLE 3563 FireFox Electric Monitor

Akron designed the FireFox electric remote-control monitor to deliver up to 500 gpm of Type I and Type IV deicing and anti-icing fluids accurately and efficiently to help get aircraft off the ground and in the air. It has 348 degrees of horizontal rotation and 135 degrees of vertical elevation to reach up, down, and all around. The FireFox is available with 12-volt or 24-volt motors and joystick controls. Automatic oscillation and stow features are available.

- 348° horizontal travel with adjustable stops at +/- 90°
- 135° vertical travel (+90° to -45°) with adjustable stops at +45° and -20°
- For use with Type I and IV fluids

**Must specify:**

- Automatic Oscillation & Stow
- Remote 2" or 2 1/2" Electric Valve
- 12 or 24 volt (24 volt CE approved)
- 2" quick disconnect

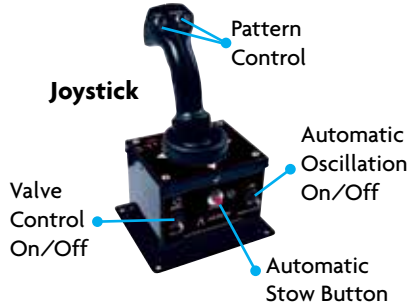
**Nozzle Options:**

- Automatic or Single Fixed Flow Baffle

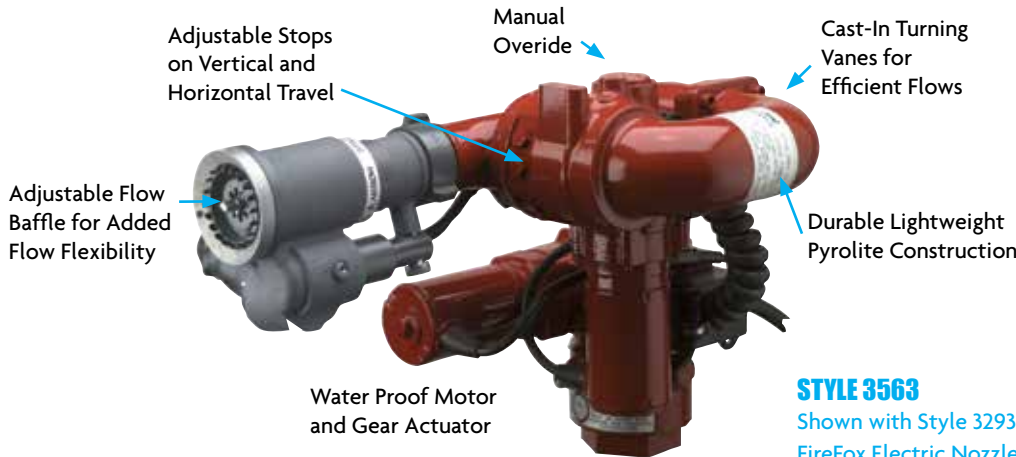
*Note: All FireFox Fog Nozzles are available with optional flat dispersed pattern*

## STYLE 3293 Dual Flow Nozzle

- 20 gpm @ 50 psi
- 50 gpm @ 120 psi
- Capable of Handling deicing and anti icing fluids
- Smooth discharge ring to prevent sheering



2" Quick-Disconnect, Ideal for Rapid Change Out



StreamMaster Available With For Position Indicator Option



Optional Wireless Remote Control

**STYLE 3563**  
Shown with Style 3293 FireFox Electric Nozzle

STYLE	WEIGHT LBS. (KG)	IN STOWED POSITION			INLET	OUTLET	FLOW	
		HEIGHT	WIDTH	DEPTH			GPM	LPM
3563	25 (11.3 kg)*	11 3/4" (298 mm)	11" (279 mm)	11 1/2" (292 mm)	2" or 2 1/2" NPT (50 or 65 mm) 1 1/2" or 3" FL (38 or 75 mm)	1 1/2" or 2 1/2" NH (38 or 65 mm)	500	1900

\* Less nozzle

# Vehicle Lighting & Electrical Control

Akron Brass's selection of vehicle lighting, electrical control solutions and other equipment are designed to help you perform your job safely and effectively. We offer reliable, high quality, life-safety product to meet the demands of the industry. Here are just a few:



## Reels

Akron Brass manufactures a complete line heavy duty reels for every application. Cord reels can deliver power up to several hundred feet away from the source to operate lights, ventilation fans, power tools, and overhaul equipment. A full line of hose reels are available to handle air, hydraulic, foam and water lines. Reels come in a variety of sizes to meet your space requirements.



## The V-MUX® Multiplexing System

V-MUX is a complete electrical control system. This system was designed to utilize power distribution units (nodes) to reduce wiring harness bundles and electrical control hardware. Our software introduces advanced control features not available in traditional wiring systems. Key electronic modules are mounted in various areas of the vehicle to provide easy access for connections and troubleshooting. The Vista display is located in the cab to control and monitor a variety of functions including emergency & scene lights, gauges, climate controls, and many others. The combination of hardware and software make up the V-MUX system.



## Lighting

Akron Brass develops, manufactures and sells state-of-the-art lighting devices. A broad array of vehicle lighting is available such as interior dome lighting, compartment lights, warning lights, marker lamps, DOT lighting, scene lighting and more. Choose from many lighting options to include energy-efficient LED, HID, halogen and incandescent lights.

To learn more about our products, their applications and capabilities or for custom solutions, please contact:



**AKRON**<sup>®</sup>  
BRASS COMPANY

ISO 9001: 2000 Registered Company

**Tested...  
Proven...  
Trusted.**

**330.264.5678 | Fax 330.264.2944 | [www.akronbrass.com](http://www.akronbrass.com)**