

# News Bulletin

## New Product Release



5/28/15

**PRODUCT NAME: Revolution™ Intake Valve**  
**AKRON PART NUMBER: 7982 and 7983**

### PRODUCT DESCRIPTION

The modern and stylish Revolution Intake Valve is like nothing you have seen before.

#### **Compact Design**

Its compact design saves valuable space on your pump panel. The revolutionary handwheel design hugs tightly to the body eliminating possible interference with surrounding discharge piping and equipment on the pump panel.

#### **Easy to Operate**

The handwheel is also easy to grab and adjust, providing simple operator control. Utilizing a ball sector for controlling water flow, the Revolution is reliable and robust providing years of hassle free operation. With less than 3 turns to open, you get water to your pump faster and still comply with NFPA 1901 requirements.

#### **Revolutionary Features**

With a pressure relief valve and bleeder valve built-in, it has all of the standard features you would expect from an intake valve. It is capable of up to 2000 gpm (7600 lpm) flow and ideal for the most demanding apparatus intake applications.

7982 Swivel Inlet



7983 Straight Inlet



### FEATURES

- Swivel inlet (7982) or straight inlet (7983)
- Durable powder coated finish both inside and out
- Robust, integrated handwheel
- 30° swiveling intake elbow (7982) with locking pin
- Field adjustable relief valve (requires 7/8" wrench to adjust)
- Includes 1 ½" (38 mm) NPT female thread on relief valve outlet so hose can be connected to redirect water to a desirable location
- Quick 180° bleeder valve operation - vents into relief discharge
- Open/Close indicator on top of valve
- 2000 gpm (7600 lpm) max flow
- All parts that stay in contact with water are constructed of stainless steel
- 10 year Heavy Duty warranty against manufacturing defects and corrosion
- NFPA 1901 compliant
- Field serviceable

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### PRODUCT DETAILS

- 4"-6" (102 mm – 152 mm) Inlet options (threaded or storz)
- 5"-6" (127 mm – 153 mm) long handle or rocker lug outlet options
- Style 7982 - 12.5" x 14" x 14.875" (318 mm x 356 mm x 378 mm)
- Style 7983 - 12.5" x 14" x 12.75" (318 mm x 356 mm x 324 mm)
- Pressure relief field adjustable between 50 – 250 psi (3.4 – 17.2 bar)
- 250 psi (17.2 bar) max operating pressure
- 7 psi (0.5 bar) friction loss @ 2000 gpm (7600 lpm)
- 40 lbs (18.1 kg)

### LIST PRICE (US Dollars, FOB Wooster, OH USA)

Style 7982 Revolution Intake Valve with swiveling inlet .....	\$2,200.00
Style 7983 Revolution Intake Valve with straight inlet .....	\$2,075.00

#### Additional Charges for:

4", 5", or 6" Storz Cap and Chain (102, 127, or 153 mm) .....	\$221.00
4" or 5" Full-Time Swivel Storz Inlet (102 or 127 mm) .....	\$327.00
6" Storz Inlet (153 mm) .....	\$424.00

### AVAILABILITY

Now accepting orders  
First production shipments end of July 2015  
Standard lead time is 2-4 weeks depending on configuration

### SPECIFICATION

#### Style 7982:

An Akron Brass Style 7982 Revolution™ intake valve shall be provided. The intake valve shall be constructed of lightweight, corrosion-resistant, hard-anodized aluminum and stainless steel. To protect against corrosion, the casting shall be coated with a powder coat finish and all components on the wet side of the valve shall be constructed from stainless steel. The valve shall have an adjustable (50-250 psi / 3.4-17.2 bar) relief valve, 3/4" (19.1 mm) air bleeder that discharges at the same location as the pressure relief valve, 30° down angle inlet with adjustable rotational positions, a stainless ball sector, durable non-stick seat, and a minimum 4 1/2" (114.3 mm) diameter waterway. A position indicator shall be included to indicate position of ball. A 12.5" diameter handwheel shall be included to operate valve open and close functions. The valve shall not exceed 7 psi (0.5 bar) friction loss at 2000 gpm (7600 lpm) and 14.875" (377.8 mm) depth. Must specify inlet and outlet. Product must carry a 10 year warranty against corrosion and manufacturer defects.

#### Style 7983:

An Akron Brass Style 7983 Revolution™ intake valve shall be provided. The intake valve shall be constructed of lightweight, corrosion-resistant, hard-anodized aluminum and stainless steel. To protect against corrosion, the casting shall be coated with a powder coat finish and all components on the wet side of the valve shall be constructed from stainless steel. The valve shall have an adjustable (50-250 psi / 3.4-17.2 bar) relief valve, 3/4" (19.1 mm) air bleeder that discharges at the same location as the pressure relief valve, an inlet directly inline with the waterway, a stainless ball sector, durable non-stick seat, and a minimum 4 1/2" (114.3 mm) diameter waterway. A position indicator shall be included to indicate position of ball. A 12.5" diameter handwheel shall be included to operate valve open and close functions. The valve shall not exceed 7 psi (0.5 bar) friction loss at 2000 gpm (7600 lpm) and 12.75" (323.9 mm) depth. Must specify inlet and outlet. Product must carry a 10 year warranty against corrosion and manufacturer defects.