

# Zefon® Aluminum Cyclone for Respirable Dust

The Zefon® Respirable Dust Aluminum Cyclone is used in conjunction with 25mm or 37mm 3 piece filter cassettes to separate and remove larger particles from the respirable particles collected on the cassette's filter. This Zefon® cyclone is a replica of the SKC Aluminum Cyclone\*. The inner workings have been precisely machined to exactly match that of the SKC Cyclone with only slight cosmetic changes to the exterior.

As a result, the collection efficiency curve meets the standards set forth by ACGIH/ISO/CEN for a respirable curve with a median 50% cut point of 4 micron at 2.5 LPM flowrate.

A cyclone holder and 25mm or 37mm 3 piece filter cassette are required for use of the Zefon® Aluminum Cyclone. Both the Zefon® Cassette Cyclone holder (#ZA0061) and the SKC holder (#225-1) are compatible with the Zefon® Aluminum Cyclone.

Features:

- Aluminum construction is static
- Fully interchangeable with SKC Aluminum Cyclone
- Conductive, eliminating interference
- Specified in NIOSH method 0600 for Respirable Particulates, and NIOSH 7500 for Silica, Crystalline
- Lightweight – 30 grams



ZA0060

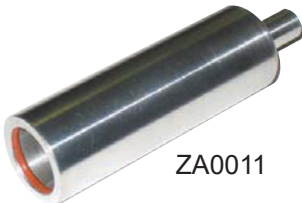
ZA0075



Shown with cassette installed in holder.

PRODUCT	DESCRIPTION
ZA0060	Zefon® 37mm Aluminum Cyclone for Respirable Dust
ZA0075	Zefon® 25mm Aluminum Cyclone for Respirable Dust
ZA0062	Zefon® 37mm Aluminum Cyclone for Respirable Dust with Holder
ZA0076	Zefon® 25mm Aluminum Cyclone for Respirable Dust with Holder
ZA0061	Zefon® Universal Cassette and/or Cyclone Holder only
ZA0066	Replacement Grit Pots for Aluminum Cyclone, 25/pk
ZA0067	Replacement O-Rings for Aluminum Cyclone, 5/pk

\*Performance tests indicate no statistical difference between the SKC Aluminum Cyclone and the Zefon® Aluminum Cyclone.



ZA0011

## Aluminum Cyclone Calibration Adapter

A chamber specifically designed to fit over the Zefon® aluminum cyclone and connect 1/4" ID tubing for flow calibration. This provides the best calibration option by taking an actual measurement as close to the cyclone inlet as possible. Chamber fits both Zefon® brand and SKC brand 37mm and 25mm aluminum cyclones.

PRODUCT	DESCRIPTION
ZA0011	Zefon® Aluminum Cyclone Calibration Adapter



ZA0063

## Zefon® Calibration Jar

The Zefon® Cyclone Calibration Jar is a container with all the proper fittings and connections to calibrate Personal Sampling Pumps with the Zefon®, SKC, or Dorr-Oliver Cyclones, and inhalable dust samplers.

Features:

- Compatible with both Zefon® and SKC Aluminum Cyclones
- Complete with all fittings and Tygon® tubing for connecting the sampling pump

PRODUCT	DESCRIPTION
ZA0063	Zefon® 1 Liter Cyclone Calibration Jar (Aluminum Cyclone & Zefon® Conductive Nylon Cyclone)
ZA0085	Zefon® 2 Liter Cyclone Calibration Jar (Sensidyne & Zefon® Dorr-Oliver Cyclone)

