

Valor Shield™

Patent Pending

Rugged Protection for Mission-Critical Detection Systems

The **Valor Shield™** is a purpose-built protective enclosure designed to shield air-sampling smoke detection systems—such as Xtralis VESDA units—from damage during construction, maintenance, and facility operations. Developed in partnership with Valor Mission Critical, this rugged solution helps ensure continuous monitoring and system integrity in mission-critical environments.

Constructed from powder-coated steel, the Valor Shield™ is engineered to withstand impact, vibration, and harsh environmental conditions commonly found in data centers, clean rooms, telecom hubs, and active construction zones. Its durable frame not only protects sensitive detection equipment but also maintains airflow and service accessibility.

Whether deployed in a new build or retrofitted into an operational facility, the Valor Shield™:

- Prevents costly detector replacements
- Ensures code compliance and uninterrupted performance
- Elevates jobsite safety and professionalism
- Reduces risks associated with accidental impacts or environmental exposure



Valor Shield™
CAGE-V-R

Features

- Purpose-built design. Simple, reliable, sturdy construction
- Compatible with any detector
- Self-contained fail-safe operation
- Five-Step install
- Easy Access Design with Low-profile. Open-frame structure preserves serviceability and airflow.
- Heavy-duty steel frame
- Clean Cable Routing- Built-in protected entry points support both rigid and flexible conduit.
- Secure Mounting- Welded base supports permanent installation on walls or strut channels.
- Color and finish customizations available.

Dimensions

Parameter	Dimension
Material Thickness	.104"
Outside Length	16 ¾"
Outside Depth	7.0"
Outside Height	12.0"
Inside Width	16.0"
Inside Depth	6.0"
Inside Height	11.0"
Frame Material	Steel
Finish	Powder Coated

Specifying

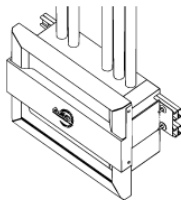
Provide Valor Shield™ CAGE-V-R protective enclosure with CAGE-V-HW-KIT hardware kit for all air-sampling smoke detectors requiring protection from impact, damage, or environmental exposure. The enclosure shall be constructed of powder-coated steel, maintain airflow and serviceability, and mount securely to walls or strut channels using the supplied hardware kit with integrated conduit entry points.

Ordering Info (www.asdaccessories.com)

CAGE-V-R
CAGE-V-HW-KIT

Instructions

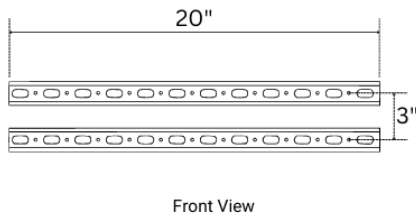
PROTECTIVE CAGE INSTALLATION INSTRUCTIONS



NOTE: PROTECTIVE CAGE SHIPS FULLY ASSEMBLED. MOUNTING CHANNEL AND HARDWARE IS NOT PROVIDED.

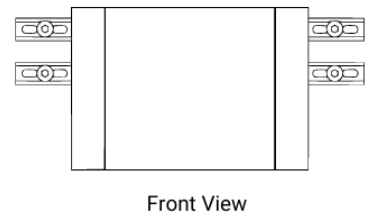
Step 01

PROTECTIVE CAGE REQUIRES A MINIMUM OF 20" OF TWO PARALLEL RUNS OF MOUNTING CHANNEL THAT ARE 3" CENTER TO CENTER.



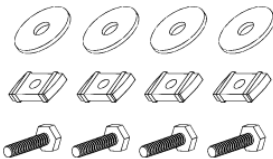
Step 02

EQUIPMENT BEING PROTECTED MUST BE INSTALLED BEFORE THE PROTECTIVE CAGE. PROTECTED EQUIPMENT IS INSTALLED BY OTHERS.



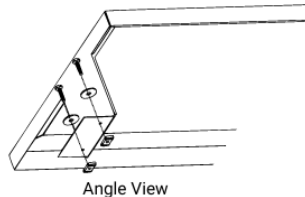
Step 03

MAKE SURE YOU HAVE (4) ¼-20 BOLTS (BOLT LENGTH IS DEPENDENT ON MOUNTING CHANNEL DEPTH), (4) ¼" WASHERS, AND 4 ¼-20 NUTS.



Step 04

IN EACH OF THE FOUR HOLES ON THE PROTECTIVE CAGE MOUNTING BASE, TAKE A WASHER AND PLACE ON ¼-20 BOLT. TAKE BOLT WITH A WASHER AND PLACE ONE IN EACH OF THE FOUR MOUNTING BASE HOLES. TAKE ¼-20 NUT THREAD ONTO ¼ TO ¼-20 BOLT. HAVE ONE THREAD SHOWING THROUGH THE NUT. RIBS OF NUT SHOULD FACE TOWARD THE BOTTOM SIDE OF THE MOUNTING BASE.



Step 05

TAKE PROTECTIVE CAGE, ALIGN ALL FOUR NUTS WITH THE OPENING OF THE (2) 20" PARALLEL RUNS OF MOUNTING CHANNEL THAT ARE SPACED 3" CENTER TO CENTER. ONCE ALL FOUR NUTS ARE INSIDE MOUNTING CHANNEL, TIGHTEN BOLTS TO THE MOUNTING CHANNEL MANUFACTURER'S RECOMMENDED TORQUE. (MANUFACTURER TO MANUFACTURER MAY HAVE DIFFERENT SPECIFICATIONS, IMPORTANT TO CHECK WITH THAT PRODUCT'S SPECIFICATION SHEET).

