

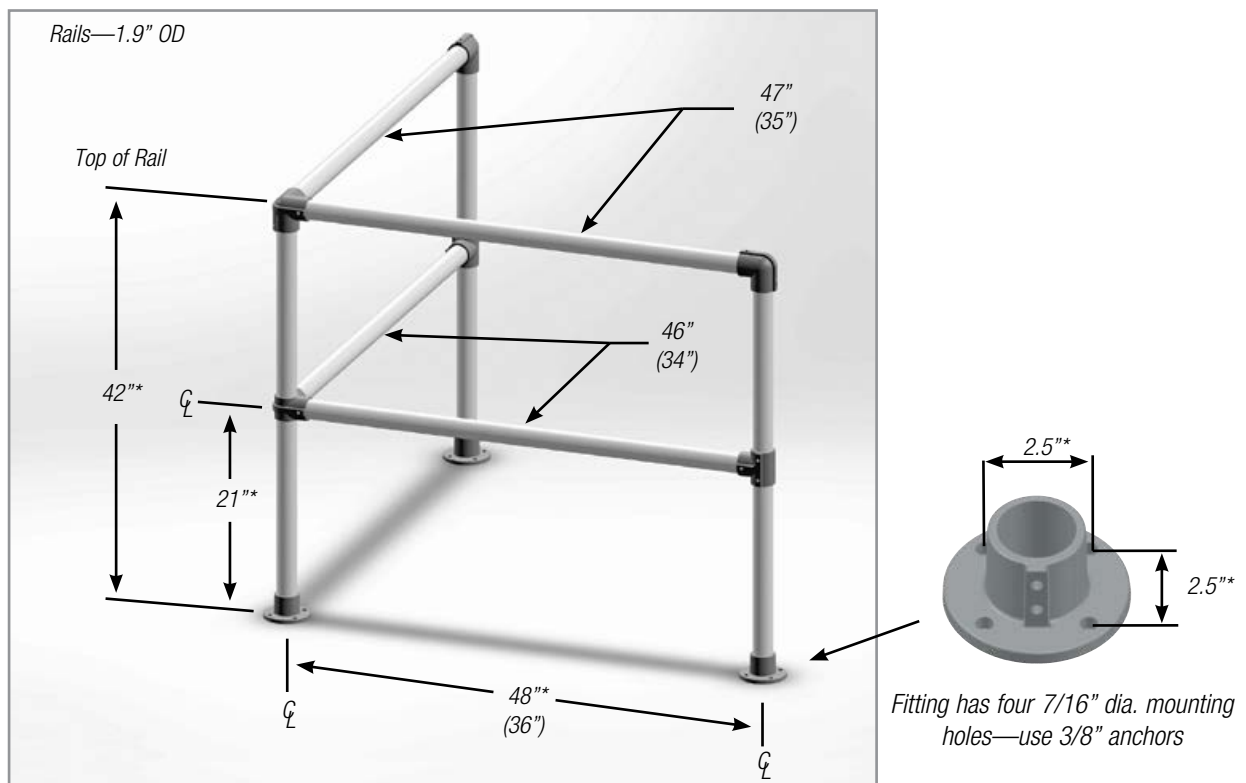
# INSTALLATION INSTRUCTIONS FOR Safety Awareness Barriers

These safety awareness barriers are ideal for use in the manufacturing industry to provide a physical and visual means to warn people that hazards exist beyond the barrier. Awareness barrier railings can be used to surround a wide variety of machines, or used around the backs of machines. They can also be positioned around large areas to contain a group of machines where only authorized personnel are allowed.

These awareness barriers are available as corner section kits, straight section kits, and extension kits. Choose kits in powder-coated safety yellow tubing (Y) or anodized aluminum tubing (A).

## Corner Section Kit

Dimensions— ARC-4842-Y/A  
(ARC-3642-Y/A)



\*Typical dimension

# SECTION 1 —KITS

## Safety Awareness Barriers

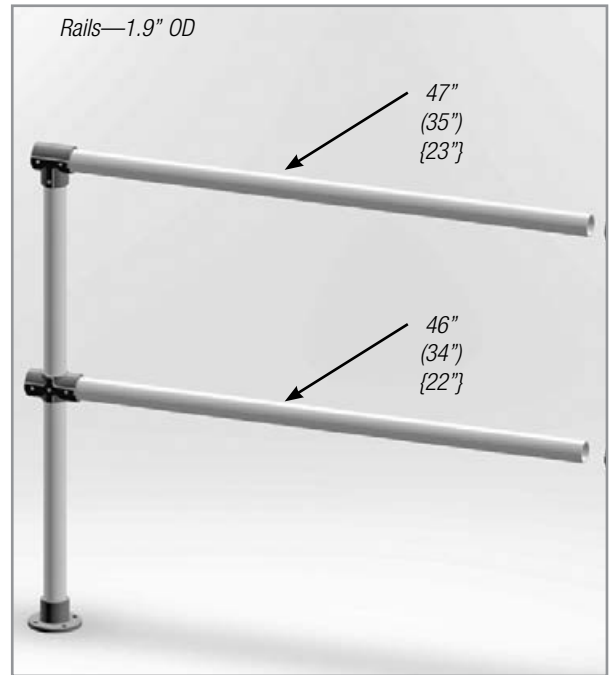
### STRAIGHT SECTION KIT

Dimensions— ARS-4842-Y/A  
(ARS-3642-Y/A)



### EXTENSION KIT

Dimensions— ARE-4842-Y/A  
(ARE-3642-Y/A)  
{ARE-2442-Y/A}



Note: See previous page for dimensions of typical horizontal rail heights

### CONNECTION OF EXTENSION KIT



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## SECTION 2 — ORDERING INFORMATION

*Safety Awareness Barriers*

### Safety Yellow

#### CORNER KITS

Part No.	Description	Replacement Tubing
<b>ARC-3642-Y</b>	Corner kit—36" x 36" x 42" high—Safety yellow tubing	HRT035Y 35" Top Rail—Safety Yellow
		HRT034Y 34" Second Rail—Safety Yellow
		HRT040Y 40" Vertical Post—Safety Yellow
<b>ARC-4842-Y</b>	Corner kit—48" x 48" x 42" high—Safety yellow tubing	HRT047Y 47" Top Rail—Safety Yellow
		HRT046Y 46" Second Rail—Safety Yellow
		HRT040Y 40" Vertical Post—Safety Yellow

#### STRAIGHT SECTION KITS

Part No.	Description	Replacement Tubing
<b>ARS-3642-Y</b>	Straight kit—36" x 36" x 42" high—Safety yellow tubing	HRT035Y 35" Top Rail—Safety Yellow
		HRT034Y 34" Second Rail—Safety Yellow
		HRT040Y 40" Vertical Post—Safety Yellow
<b>ARS-4842-Y</b>	Straight kit—48" x 48" x 42" high—Safety yellow tubing	HRT047Y 47" Top Rail—Safety Yellow
		HRT046Y 46" Second Rail—Safety Yellow
		HRT040Y 40" Vertical Post—Safety Yellow

#### EXTENSION KITS

Part No.	Description	Replacement Tubing
<b>ARE-2442-Y</b>	Extension kit—24" x 42" high—Safety yellow tubing	HRT023Y 23" Top Rail—Safety Yellow
		HRT022Y 22" Second Rail—Safety Yellow
		HRT040Y 40" Vertical Post—Safety Yellow
<b>ARE-3642-Y</b>	Extension kit—36" x 42" high—Safety yellow tubing	HRT047Y 35" Top Rail—Safety Yellow
		HRT046Y 34" Second Rail—Safety Yellow
		HRT040Y 40" Vertical Post—Safety Yellow
<b>ARE-4842-Y</b>	Extension kit—48" x 42" high—Safety yellow tubing	HRT047Y 47" Top Rail—Safety Yellow
		HRT046Y 46" Second Rail—Safety Yellow
		HRT040Y 40" Vertical Post—Safety Yellow

*NOTE: The top rail must always be one inch longer than the second rail.*

**QUICK  
TIP**

**Use WD-40® on a rag to wipe the railing (or olive oil when in a food-safe environment) during assembly to make the fittings slide on easier and minimize scratching.**

*(Continued on next page.)*

## SECTION 2 — ORDERING INFORMATION

### Safety Awareness Barriers

## Anodized Aluminum

### CORNER KITS

Part No.	Description	Replacement Tubing
ARC-3642-A	Corner kit—36" x 36" x 42" high—Anodized tubing	HRT035A 35" Top Rail—Anodized Aluminum
		HRT034A 34" Second Rail—Anodized Aluminum
		HRT040A 40" Vertical Post—Anodized Aluminum
ARC-4842-A	Corner kit—48" x 48" x 42" high—Anodized tubing	HRT047A 47" Top Rail—Anodized Aluminum
		HRT046A 46" Second Rail—Anodized Aluminum
		HRT040A 40" Vertical Post—Anodized Aluminum

### STRAIGHT SECTION KITS

Part No.	Description	Replacement Tubing
ARS-3642-A	Straight kit—36" x 36" x 42" high—Anodized tubing	HRT035A 35" Top Rail—Anodized Aluminum
		HRT034A 34" Second Rail—Anodized Aluminum
		HRT040A 40" Vertical Post—Anodized Aluminum
ARS-4842-A	Straight kit—48" x 48" x 42" high—Anodized tubing	HRT047A 47" Top Rail—Anodized Aluminum
		HRT046A 46" Second Rail—Anodized Aluminum
		HRT040A 40" Vertical Post—Anodized Aluminum

### EXTENSION KITS

Part No.	Description	Replacement Tubing
ARE-2442-A	Extension kit—24" x 42" high—Anodized tubing	HRT023A 23" Top Rail—Anodized Aluminum
		HRT022A 22" Second Rail—Anodized Aluminum
		HRT040A 40" Vertical Post—Anodized Aluminum
ARE-3642-A	Extension kit—36" x 42" high—Anodized tubing	HRT047A 35" Top Rail—Anodized Aluminum
		HRT046A 34" Second Rail—Anodized Aluminum
		HRT040A 40" Vertical Post—Anodized Aluminum
ARE-4842-A	Extension kit—48" x 42" high—Anodized tubing	HRT047A 47" Top Rail—Anodized Aluminum
		HRT046A 46" Second Rail—Anodized Aluminum
		HRT040A 40" Vertical Post—Anodized Aluminum

NOTE: The top rail must always be one inch longer than the second rail.

#### QUICK TIP

Use WD-40® on a rag to wipe the railing (or olive oil when in a food-safe environment) during assembly to make the fittings slide on easier and minimize scratching.

**Replacement Connectors and Footings**



**Side Outlet Elbow Connector  
HRF-006**



**Tee Connector  
HRF-004**



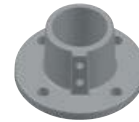
**Elbow Connector  
HRF-003**



**Side Outlet Tee Connector  
HRF-007**



**Cross Connector  
HRF-005**



**Round Flange Base  
HRF-001**

## SECTION 4 — ADDITIONAL INFORMATION

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### Safety Awareness Barriers

- Set screws should be tightened to approximately 12 ft.lb. If a torque wrench is not available, tighten set screw until it contacts the pipe; then tighten one more full revolution.
- The mechanical properties of the 6063-T6 aluminum alloy material provide high strength and resistance to corrosion.
- Aluminum-magnesium cast fittings are used to connect the rail systems.
- End users can custom cut the horizontal rails to fit individual applications. **NOTE:** top rail must always be one inch longer than the second rail.



These safety awareness barriers provide a physical and visual means to warn people that hazards exist beyond the awareness barrier. They are not considered guards.

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## Warranty, Disclaimer, and Limitation of Liability

### WARRANTY

Rockford Systems, LLC warrants that this product will be free from defects in material and workmanship for a period of 12 months from the date of shipment thereof. ROCKFORD SYSTEMS, LLC's OBLIGATION UNDER THIS WARRANTY IS EXPRESSLY AND EXCLUSIVELY LIMITED to repairing or replacing such products which are returned to it within the warranty period with shipping charges prepaid and which will be disclosed as defective upon examination by Rockford Systems, LLC. This warranty will not apply to any product which will have been subject to misuse, negligence, accident, restriction and use not in accordance with Rockford Systems, LLC's instructions or which will have been altered or repaired by persons other than the authorized agent or employees of Rockford Systems, LLC. Rockford Systems, LLC's warranties as to any component part is expressly limited to that of the manufacturer of the component part.

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### LIMITATION OF LIABILITY

Under no circumstances, including any claim of negligence, strict liability, or otherwise, shall Rockford Systems, LLC be liable for any incidental or consequential damages, or any loss or damage resulting from a defect in the product of Rockford Systems, LLC.

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