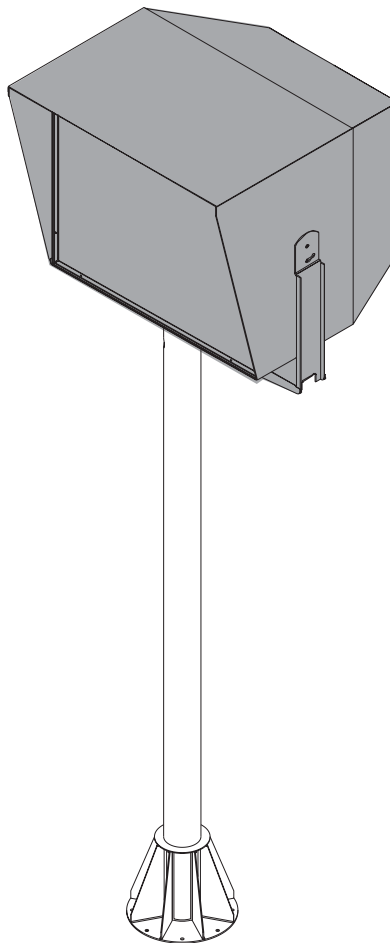


Installation and Assembly: Support Columns for Environmental Enclosure Mounts

Models: EE 410R, EE 510R, EE 610R, EE 710R, EE 810R



Note: Environmental Enclosure sold separately.

Tools Needed for Assembly

- cement hammer drill
- hammer
- 3/8" concrete drill bits
- 1/2" socket wrench
- torque wrench

Product Ratings:

UL load: 300 lb (136.1 kg)

Maximum wind speed: 110 mph (177 kph)



This product is UL Listed. It must be installed by a qualified professional installer.

This product is wind rated to 110 mph up to Exposure D, 200' Elevation, per Uniform Building Codes (UBC).

Note: Read entire instruction sheet before you start installation and assembly.

⚠ WARNING

- The enclosure and this product must be assembled only with the appropriate Peerless wind and environmentally rated wall, ceiling, or pedestal mount and accessories, as found on our website or in our catalog. Assembling the enclosure with other attachment items not rated for wind and outdoor environmental conditions may result in product and installation failure that causes TV to fall. Log on to Peerlessmounts.com for a comprehensive list of wind and environmentally rated products, or call a customer care representative at 1-800-865-2112.
- Due to outdoor environmental conditions such as strong wind gusts, heavy snow, hail, rain, etc. The environmental enclosure, together with its mount, extension tube and hardware, must be inspected at least once a year, and immediately following any time winds exceed 90 mph. A qualified installer or inspector must check for signs of rust, loose fasteners, bent metal, etc. If evidence of excessive wear, deterioration or any unsafe condition is observed, this product must be taken out of service immediately. Direct all inquiries to customer care if you have any questions.

⚠ WARNING

- Do not begin to install your Peerless product until you have read and understood the instructions and warnings contained in this Installation Sheet. If you have any questions regarding any of the instructions or warnings, call Peerless customer care at 1-800-729-0307.
- This product should only be installed by a qualified professional installer.
- Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Never exceed the Maximum UL Load Capacity.
- The installer must determine that the maximum wind speeds at the specific installation location do not exceed the wind rating for this product (110 mph). Do not install product in area where winds can exceed 110 mph. For specific Uniform Building Code (UBC) specifications see Technical Data Sheet at Peerlessmounts.com.
- Always use an assistant or mechanical lifting equipment to safely lift and position equipment.
- Tighten screws and nuts firmly, but do not overtighten. Overtightening can damage the items, greatly reducing their holding power. See suggested torque values where applicable within these instructions.
- Disconnect power during installation and servicing to avoid injury. Enclosure must be in the horizontal position before servicing.

CROSS REFERENCE CHART

	Wall	Ceiling	I-Beam	Pedestal
Enclosure	EE20	EE20	EE20	EE20
	EE27	EE27	EE27	EE27
Attachment	EE030R	EE470R	EE475R	EE410**
				EE510**
				EE610**
				EE710**
				EE810**
Extension *		EE101R (1' column)	EE101R (1' column)	
		EE102R (2' column)	EE102R (2' column)	
		EE103R (3' column)	EE103R (3' column)	
		EE104R (4' column)	EE104R (4' column)	
Optional Accessories		EE001 (1' safety cable)	EE201 (1' safety cable)	
		EE002 (2' safety cable)	EE202 (2' safety cable)	
		EE003 (3' safety cable)	EE203 (3' safety cable)	
		EE004 (4' safety cable)	EE204 (4' safety cable)	
	ACC300(cooling fan)	ACC300(cooling fan)	ACC300(cooling fan)	ACC300(cooling fan)
	ACC302(Fan with Heater)	ACC302(Fan with Heater)	ACC302(Fan with Heater)	ACC302(Fan with Heater)
	ACC206(cinder block fasteners)			

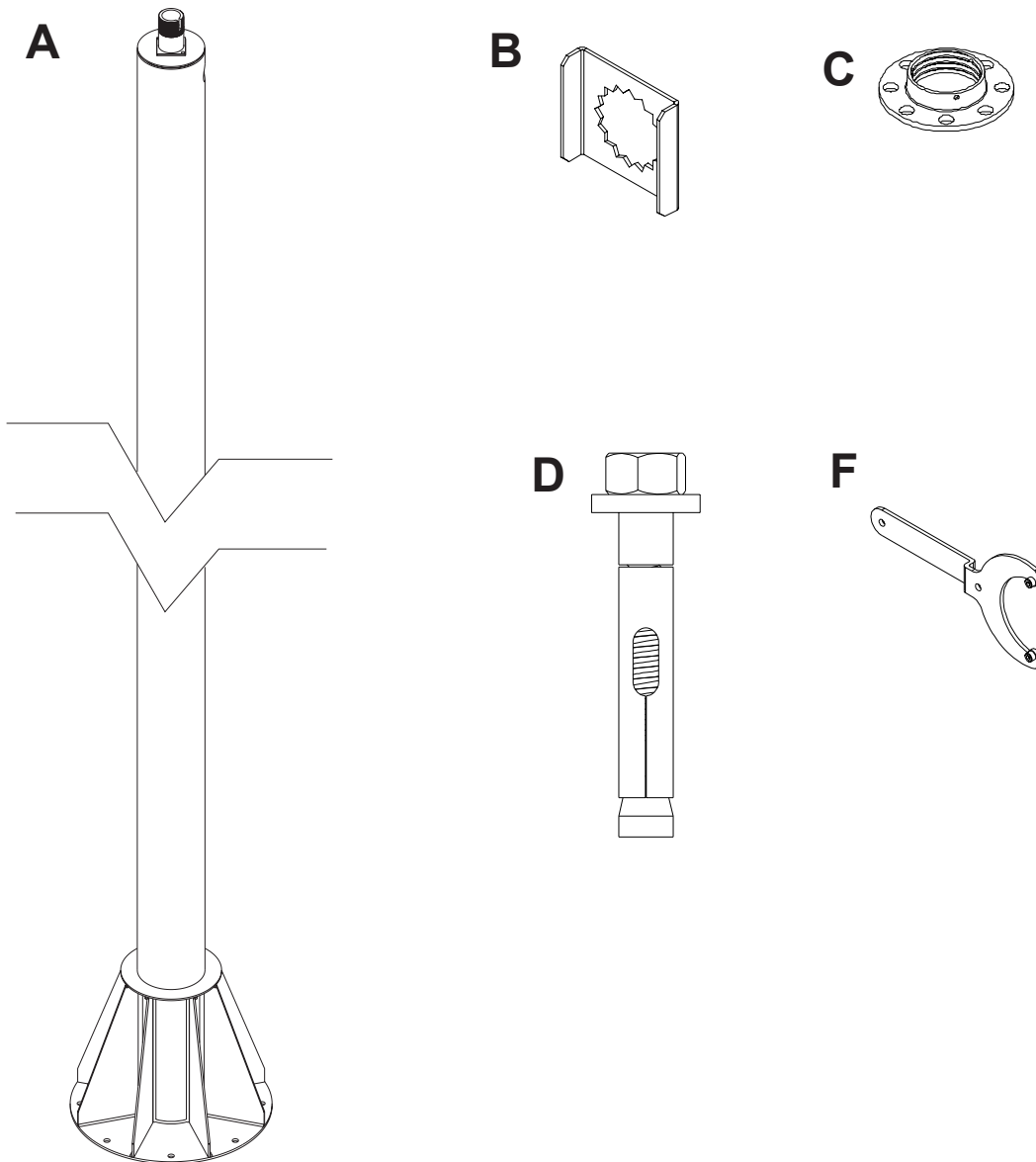
* extension column required for ceiling and I-Beam attachments. Choose desired drop length

** Choose height in increments of 1' for pedestal application from 4' to 8'

For customer care call (800) 729-0307 or (708) 865-8870.

Note: Actual parts may appear slightly different than illustrated

Parts List		
Description	Qty.	Part #
A support column	1	061-5140 (<i>model EE 410R only</i>) 061-5199 (<i>model EE 510R only</i>) 061-5198 (<i>model EE 610R only</i>) 061-5197 (<i>model EE 710R only</i>) 061-5186 (<i>model EE 810R only</i>)
B indexing bracket	1	061-5192
C retaining collar	1	4MD-58XX03B
D 3/8" x 3" concrete expansion anchor	8	5M9-381-H03
E thread lock adhesive (not shown)	1	570-0040
F spanner wrench	1	199-1015



⚠ WARNING

- Concrete must be 3000 psi density minimum. Lighter density concrete may not hold concrete anchor.
- Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.

- 1 Drill eight 3/8" (10 mm) dia. holes to a minimum depth of 3" (76 mm). Remove any debris from holes. Attach support column (A) using concrete expansion anchors (D) as shown in figure 1.1 and 1.2. Tighten anchors to 35 ft. • lb (47 N.M.).

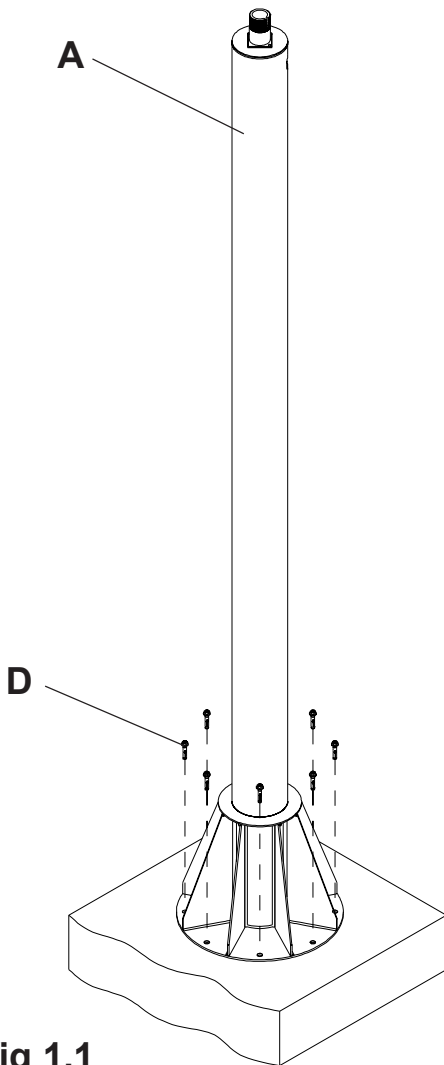


fig 1.1

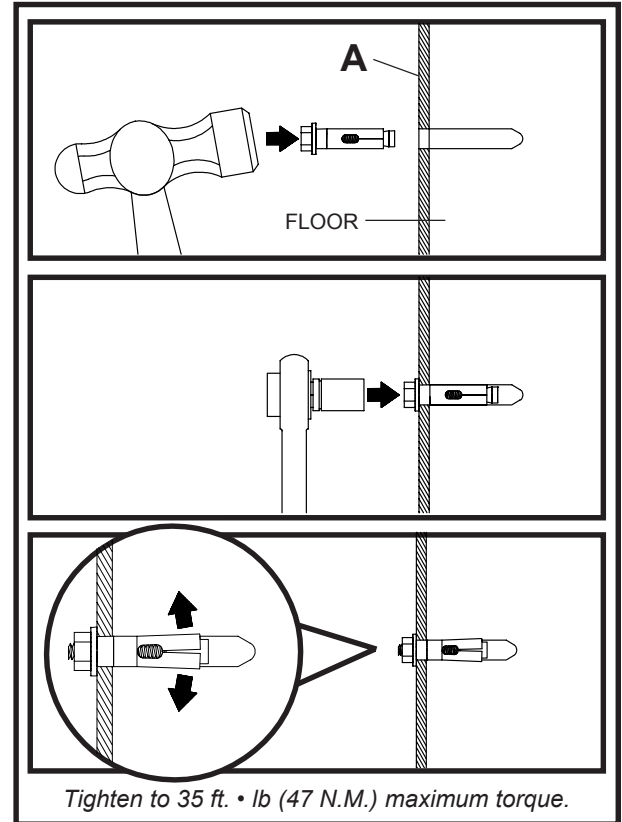


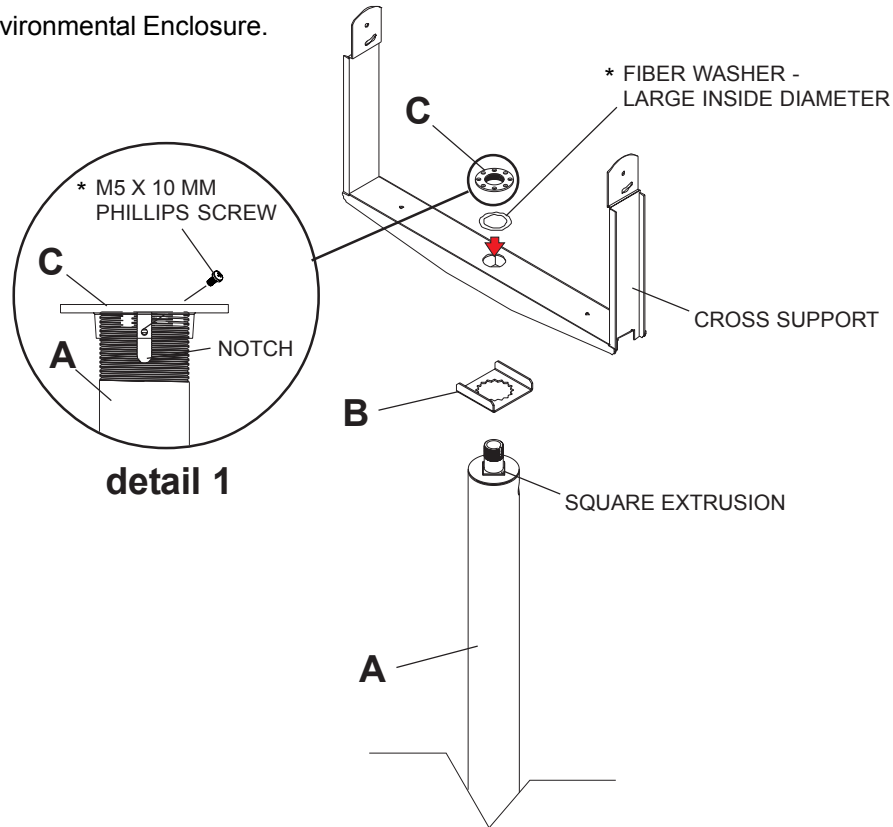
fig 1.2

⚠ WARNING

- For attachment to concrete floor only. Eight concrete expansion anchors must be used.
- Tighten concrete anchor bolts firmly, but do not overtighten. Overtightening can damage the bolts, greatly reducing their holding power.
- Never tighten in excess of 35 ft. • lb (47 N.M.).

2 Determine the ideal TV viewing position and orient indexing bracket (**B**) to that position. Slide indexing bracket over support column (**A**) and lock indexing bracket into position over square extrusion on support column. Apply a 360° bead of thread lock adhesive (**E**) to the ending female threads of the retaining collar (**C**), leaving the last thread free. Attach cross support to support column using large inside diameter fiber washer and retaining collar. Tighten retaining collar using spanner wrench (**G**). Align notch in support column with one of the four holes in retaining collar as shown in detail 1 and secure using one M5 x 10 mm phillips screw.

* Included with Environmental Enclosure.



3 Attach Enclosure Mount to cross support as detailed in step one of the Environmental Enclosure instruction sheet (*please note position of cross support is reversed for this product*).

