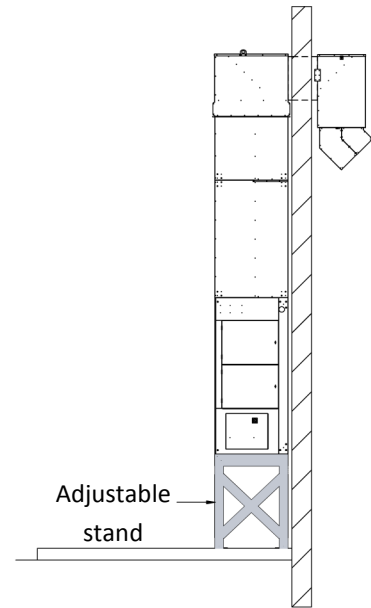
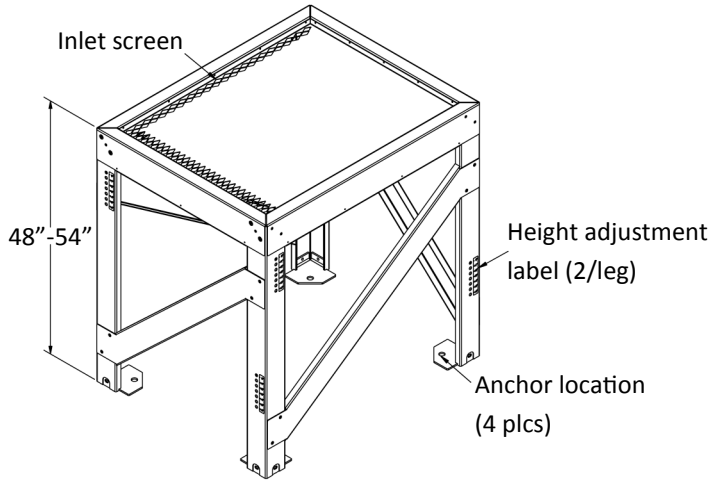


# Installation Instructions for Vertical S-Series

## Adjustable Stand

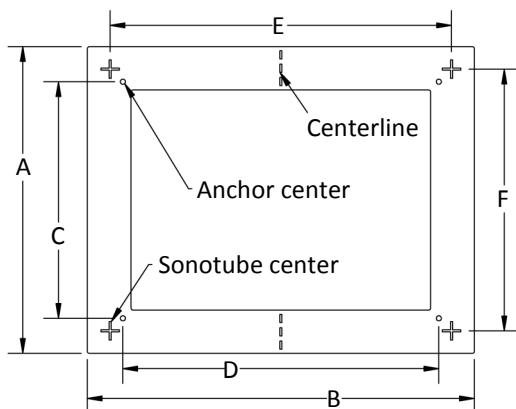


The Vertical S-Series Adjustable Stand is suitable for use in the up blast configuration in both indoor and outdoor locations. The 48" height is low enough so the control can may still be accessible without lifts or ladders, but high enough to avoid snow ingestion from the ground during winter months. The stand features 6" of adjustment (up to 54") and is suitable for applications when you prefer the heater to be easily accessible for service, yet floor space or slab size may come at a premium.

1. Determine distance needed between building wall and heater (12" recommended).

- Outer edge of template matches footprint of vertical unit and stand w/ centerline of heater indicated.

### Template Detail



Stand Size	Weight (lbs.)	Heater/Stand Footprint		Anchor Locations (o)		Sonotube Locations (+)	
		A	B	C	D	E	F
S400/S800	176	25 1/2"	25 1/2"	16 3/4"	16 3/4"	19 7/8"	19 7/8"
S950/S1200/ S1600	196	28"	42"	19 1/2"	33 1/2"	36 1/2"	22 1/2"
S1850/ S2200/S3200	222	37 1/2"	47"	28 7/8"	38 1/2"	41 5/8"	32"

### **Parts List**

Item	Description	Qty.
1	Adjustable stand (assembled)	1
2	Template	1
3	Leveling shims	20

Rev.	Description	Date
-1	Initial drawing	11/07/2017
-2	Revised steps to include indoor mounting instructions	12/18/2017
-3	Added up blast only wording and capitalization consistency	1/29/2018

If in doubt regarding installation application, contact Cambridge Customer Service Group at 1-800-473-4569 during the hours of 8:00 a.m. to 5:00 p.m. Central Time, Monday through Friday.

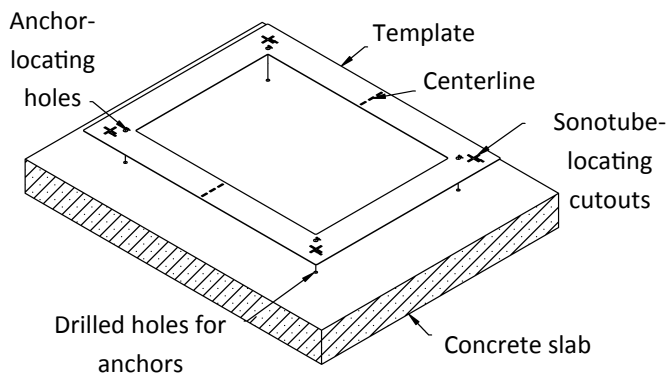


# Installation Instructions for Vertical S-Series

## Adjustable Stand

2. Use provided template to mark anchor locations on existing concrete slab. Consult structural engineer as to adequacy of existing slab for structural support.

- If no slab available, installation of sonotubes with housekeeping pad is recommended. Use template to mark center locations of sonotubes (indicated with "+" cutout).
- Install sonotubes as recommended by structural engineer and use template to mark anchor locations (indicated with "o" hole) on sonotubes.



3. Once concrete/sonotubes are marked, remove and discard template.

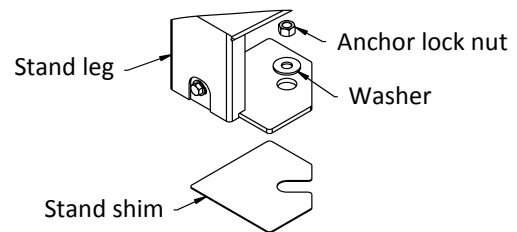
4. Drill holes for anchors.

5. Set stand over anchor locations.

6. Install outdoor rated wedge anchors, minimum 0.5"x6" (not provided), as recommended by manufacturer into concrete slab/sonotubes where marked.

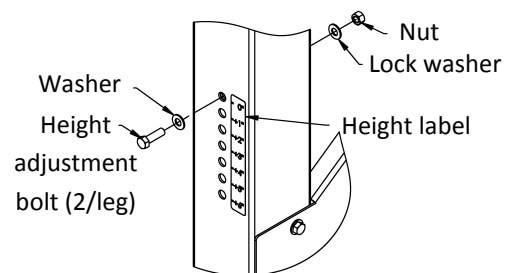
7. Make sure stand is both level and square.

- If shimming necessary, insert provided shims where needed to level the stand.
- Once level and square, secure base to anchors with washer and lock nut (not provided).
- Shims are NOT intended to be used for adjusting the overall stand height. See next step.



8. Determine if default stand height (48") is correct for heater installation.

- If adjustment needed, remove height adjustment bolts (2/leg), and raise stand necessary amount using the height label as a guide.
- Reattach height adjustment bolts.



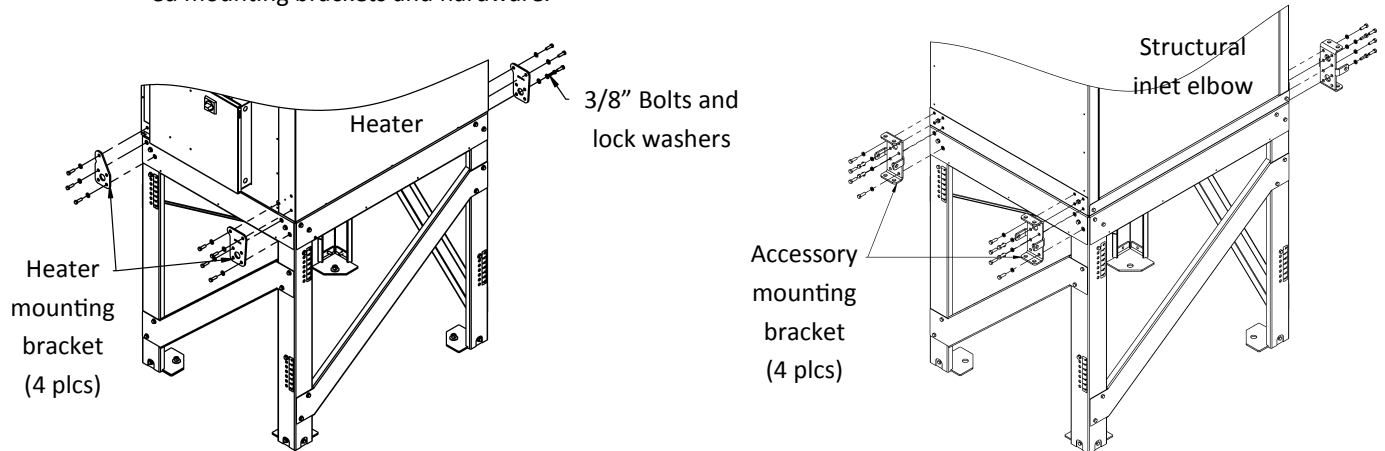
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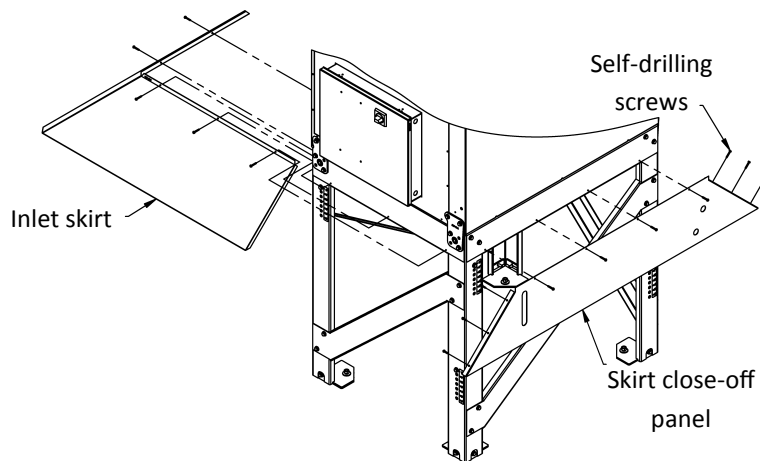
# Installation Instructions for Vertical S-Series

## Adjustable Stand

9. Set heater (or structural filter section, or structural inlet elbow if applicable) on stand and attach appropriate mounting brackets, securing to the stand using the provided bolts and lock washers.
- If structural filter section or structural inlet elbow included, attach heater to top of inlet accessory using included mounting brackets and hardware.



10. If provided, assemble angled inlet skirt pieces and attach to stand using self-drilling screws (not provided). Attach close-off panel to stand and skirt on side nearest wall using self-drilling screws (not provided).



12. Complete discharge ductwork as needed.

If in doubt regarding installation application, contact Cambridge Customer Service Group at 1-800-473-4569 during the hours of 8:00 a.m. to 5:00 p.m. Central Time, Monday through Friday.

