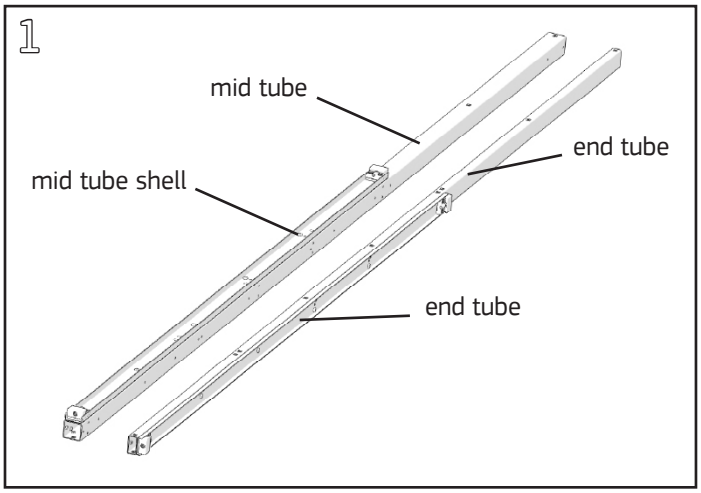
Vertical Distributor, Double

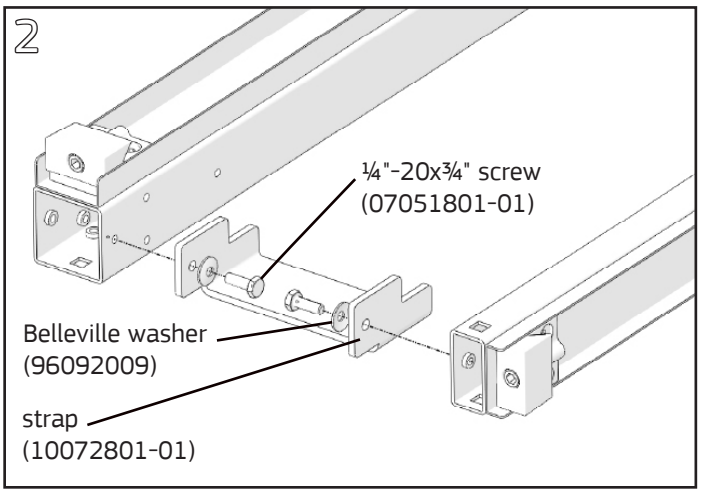
Product Numbers
- VD126D380
- VD126D480

Hardware Pack: VDSDHP (p/n 11050712-02) and VDPDHP (p/n 11050711-02)

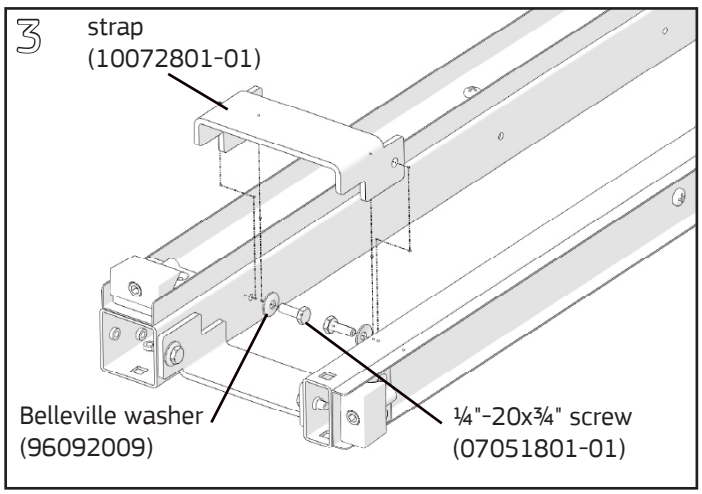
Required Tools
- #2 Phillips Screwdriver and/or Phillips Bit
- 7/16" Wrench or 7/16" Socket with Ratchet
- 5/16" Allen Wrench or 5/16" Hex Bit
- 1/4" Allen Wrench or 1/4" Hex Bit
- Cordless Drill/Driver
- Rubber Mallet



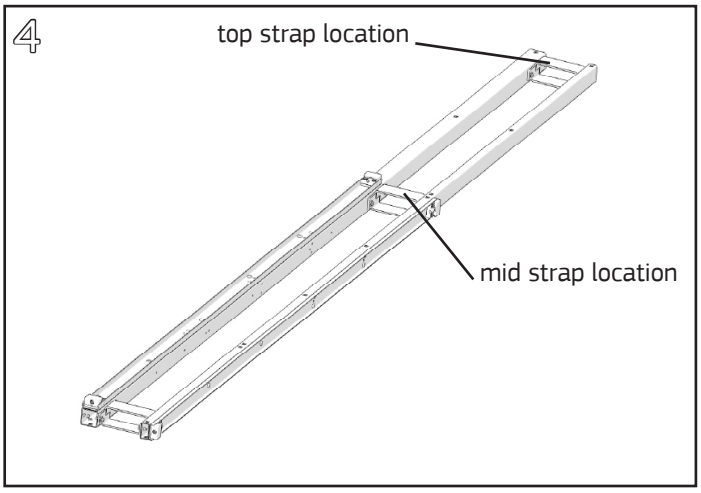
Align the mid tube with an end tube so the shell heights are aligned. Orient the shell on the mid tube up and the shell on the end tube to the right.



Align the holes in the strap with the centered tapped holes near the ends of both tubes. Attach strap to tubes with a 1/4" Belleville washer and a 1/4-20x3/4" hex head screw at each tapped hole.



Attach a second strap adjacent to the first. The tabs on the straps will interlock. Ensure the flats of both straps are flush to recessed with the tube face of the end tube and then tighten all four screws with a **7/16" wrench** or **socket with ratchet**.



Repeat steps 2 and 3 for the mid strap and top strap locations.

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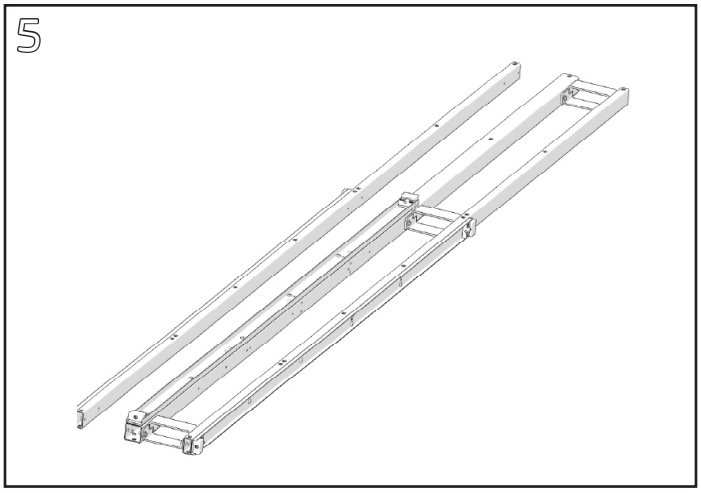
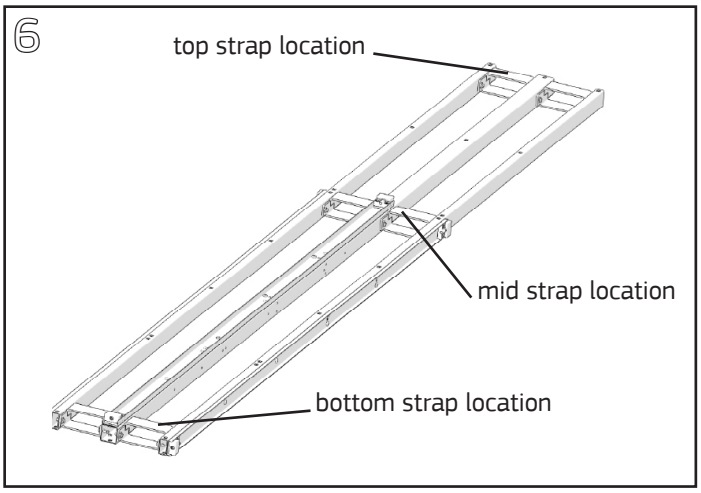
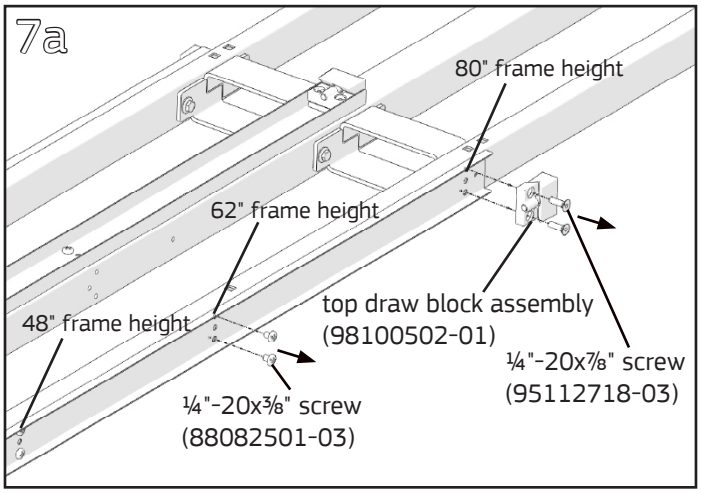
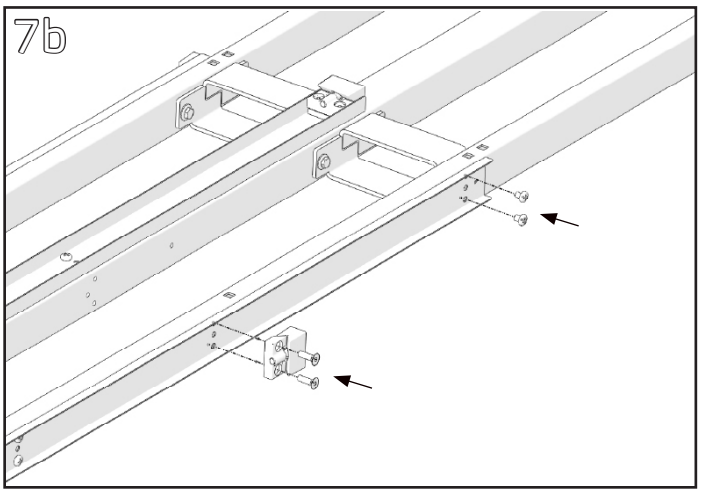


Align the other end tube to the left of the mid tube, orienting the shell on the end tube to the left.



Repeat steps 2 thru 4 with this end tube.





If connecting to a frame shorter than 80" high, the top connection block needs to be repositioned. Remove the ¼-20x⅜" Phillips pan head screw at the shorter block location along the shell. Remove the top draw block assembly by unfastening the ¼-20x⅞" socket flathead screws (7a). Attach the top draw block at the shorter location using a **5⁄16" Allen wrench** or **hex bit with driver**. Fasten the top of the shell with the screws which were previously removed using a **#2 Phillips screwdriver** or **#2 bit with driver** (7b).

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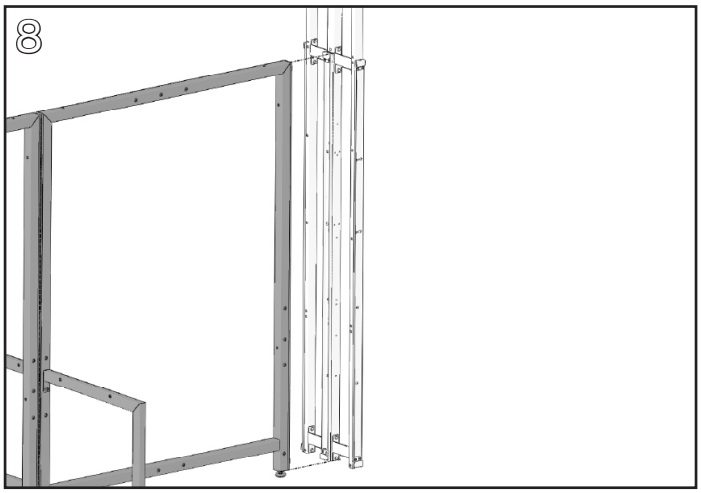
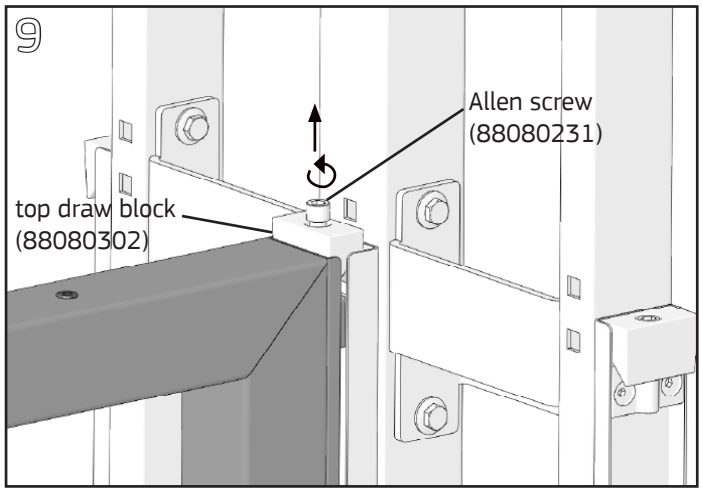
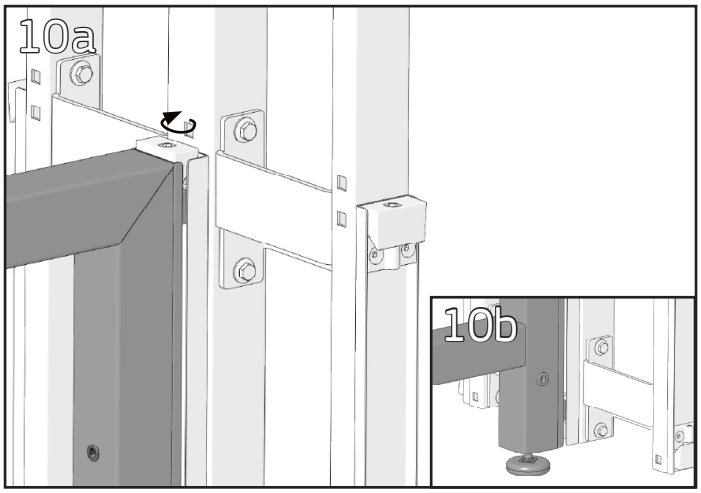


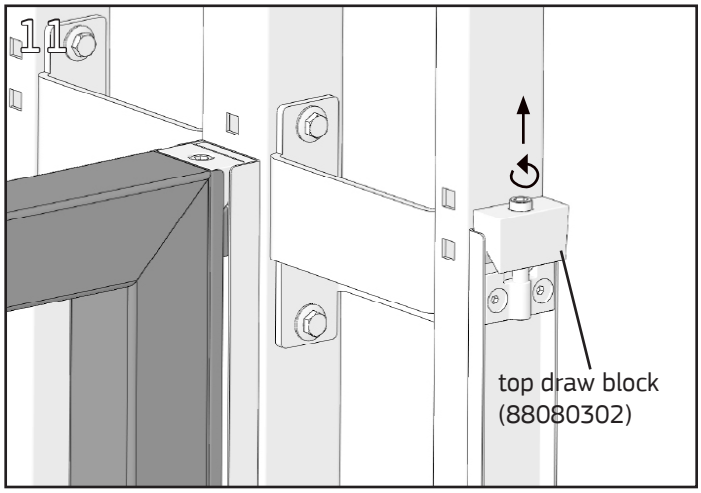
Align the connection blocks on the mid tube of the Vertical Distributor with the frame. This frame must be properly supported by legs or return frames before attaching the Vertical Distributor. Place the bottom draw block of the Vertical Distributor directly below the bottom wedge block of the frame.



Pull up on the top draw block while loosening the Allen screw in the top with a **¼" Allen wrench/bit** until the top draw block of the frame. Drop the draw block over the tops of both the frame and Vertical Distributor wedge blocks.



Tighten the Allen screw in the top of the Vertical Distributor (10a) to 6-14 foot lbs. Ensure that the bottom draw block of the Vertical Distributor (10b) captures the bottom wedge block of the frame as it is tightened.



At the next frame connection point of the Vertical Distributor, pull up on the top draw block while loosening the Allen screw at the top until it clears the top wedge block of the connector.

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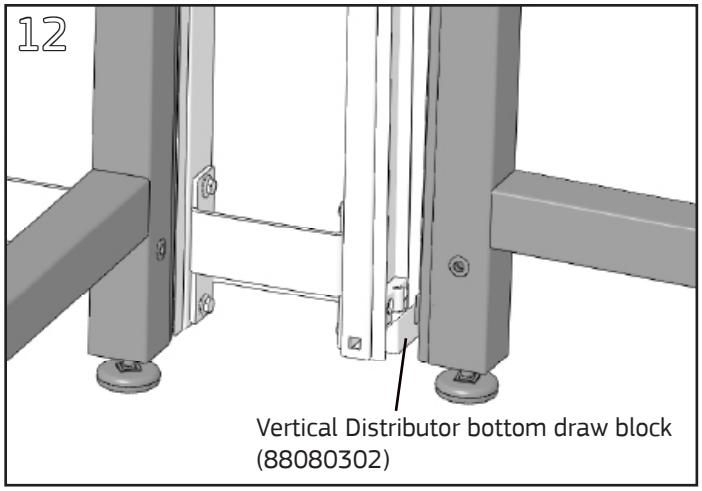
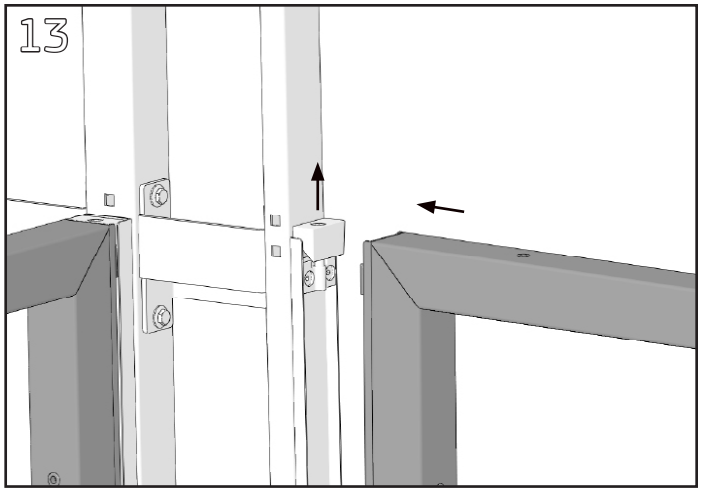
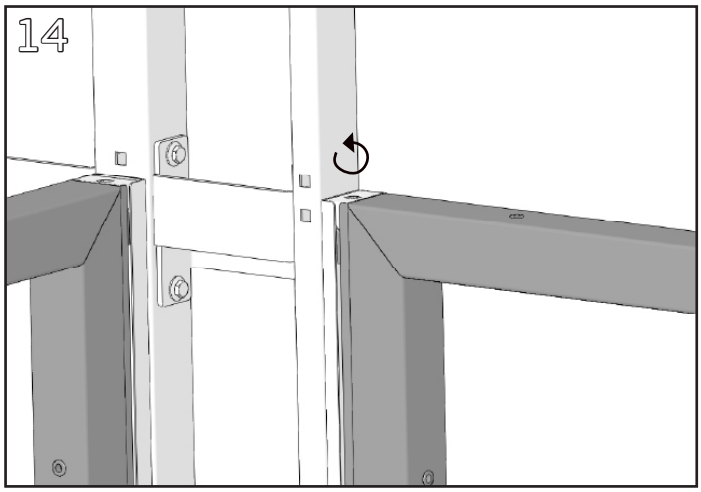


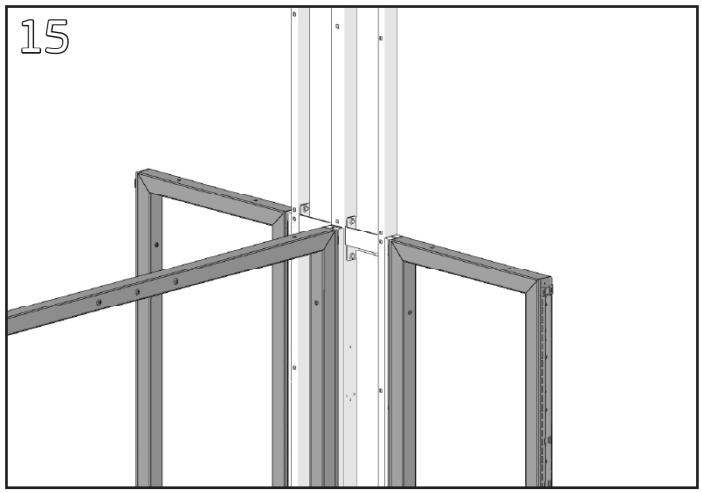
Align the next frame with the distributor end and then lift the bottom end of the frame up and over the bottom draw block of the distributor so the bottom wedge block of the frame rests on the draw block of the distributor.



Pull up on the top draw block of the distributor. Push the top of the frame toward the distributor and then drop the top draw block over the top of both the frame and distributor wedge blocks.



Tighten the Allen screw in the top of the distributor to 6-14 foot-lbs using a **¼" Allen wrench/bit**.



Repeat steps 8 thru 14 at all other frame connection points of the Vertical Distributor.

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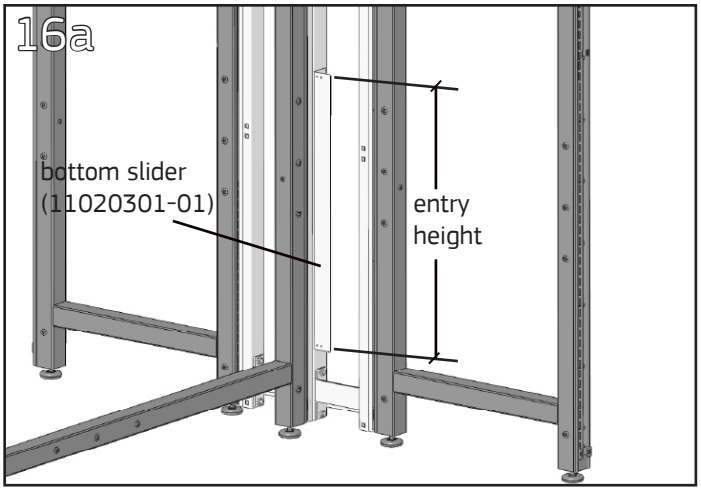
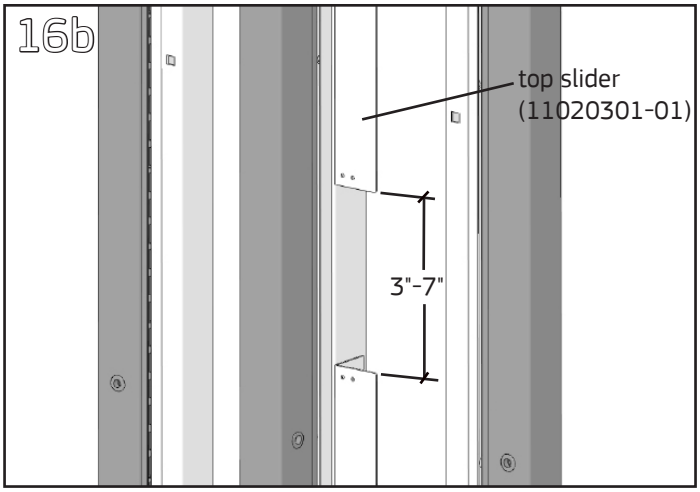
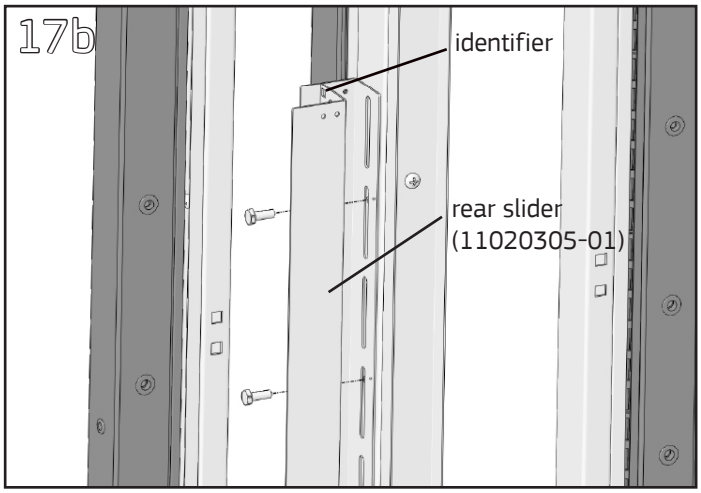




Determine appropriate height(s) for data and/or electrical cable entry at the distributor. Align the top of the bottom slider with the minimum entry height (16a). Spacing between the top of the bottom slider and bottom of the top slider should be 4" for electric entry only, 3" for data entry only, or 7" for stacked electric and data entry (16b). The solid flange of the slider should be flush with the Vertical Distributor tubes near the mid frame.



The slots in each slider will line up with at least two tapped holes in the center of the mid tube. Slider ends may need to be cut down if they interfere with the bottom or mid straps. Secure the sliders to the mid tube in both the left and right chase areas with two ¼-20x¾" hex head screws using a **7/16" wrench** or **socket with ratchet** (17a). On a 4-way Vertical Distributor, also install the rear sets of sliders on top of the first, sharing the same hex head screw fasteners. The rear sliders can be identified by a square hole on each slotted face end (17b).

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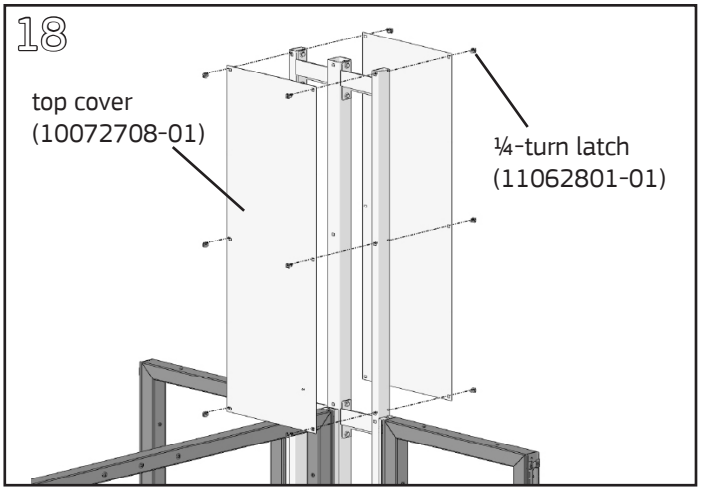
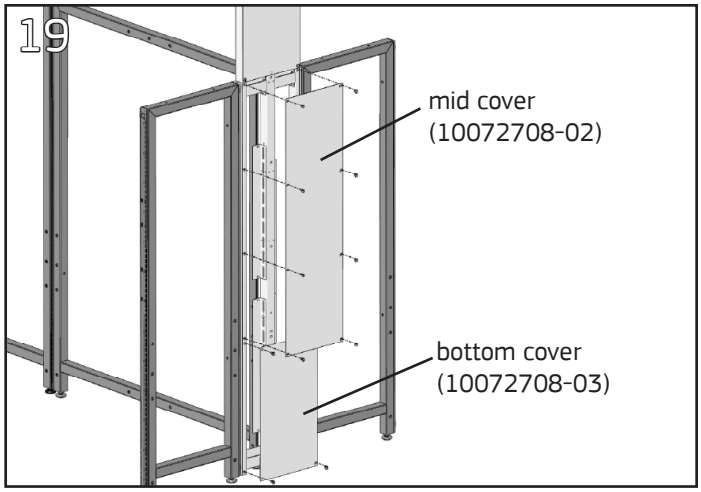
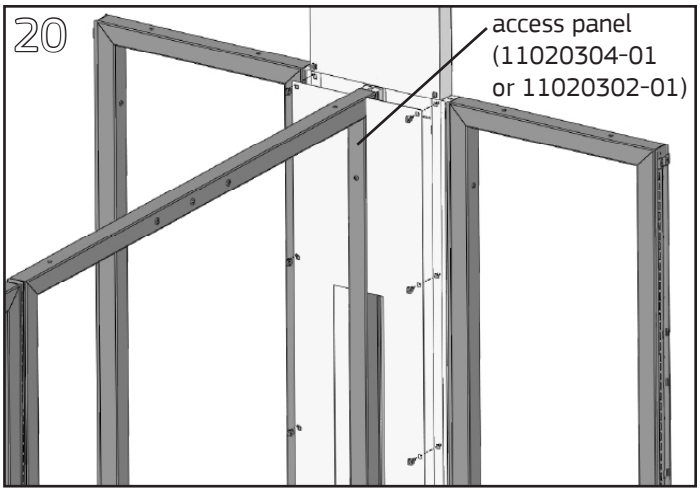


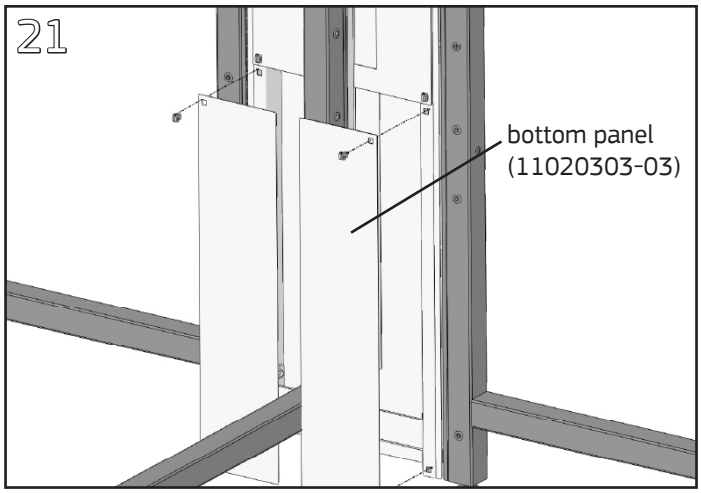
Install cabling as required. Attach each full width top cover with six ¼-turn latches. To install latches, align the latch with the square hole in the panel and end tube and tap in with a rubber mallet. The latch will split into two pieces which can be locked/unlocked by rotating the center stud 90 degrees.



On a 3-way Vertical Distributor, attach the full width mid and bottom covers on the side of the distributor not connected to a frame.



On the mid frame side of the Vertical Distributor, attach each mid access panel with four ¼-turn fasteners in the end tube.



At the bottom, attach each bottom access panel with two ¼-turn fasteners in the end tube. On a 4-way Vertical Distributor, access panels are also attached at the middle and the bottom on the opposite side of the distributor.