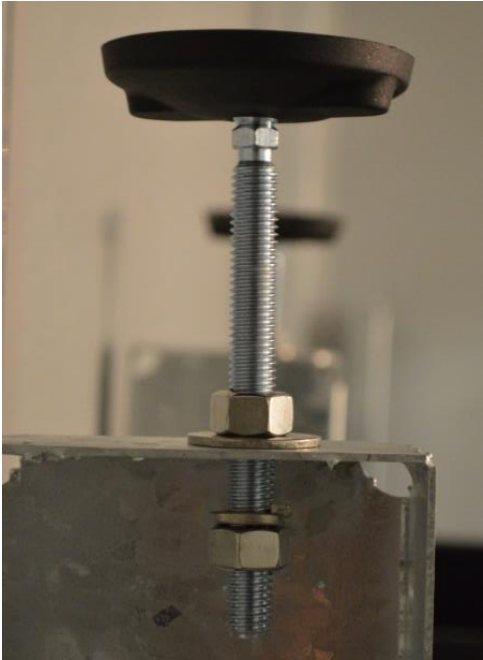

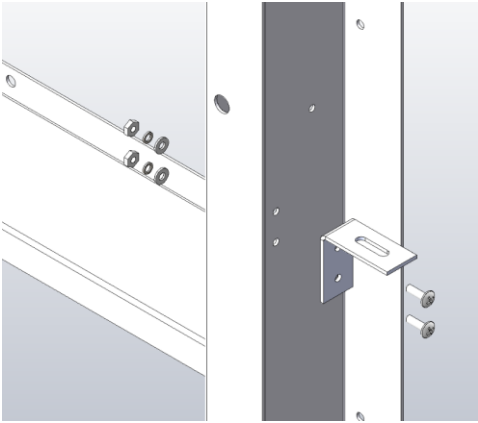






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		Revision No. 1	Approved By: S. Ditner


Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)															
OP100024 Step 1	<p><b>Note:</b> The ECU supports must be in line front to back. There should be a 1/8" slope downwards away from the center ECU support.</p>		<p>Throughout: Safety Shoes Safety Glasses Hearing protection as required Additional equipment as required by the site</p>															
OP100024 Step 2	<p>Ensure the center ECU support holds the ceiling upward by 3/16" – ¼".</p>																	
<p>OP100024 Step 3</p> <p>Each levelling foot consists of:</p> <table border="1"> <thead> <tr> <th>Part #</th> <th>Qty</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PB5704</td> <td>1</td> <td>Zinc plated articulated foot</td> </tr> <tr> <td>P6255</td> <td>2</td> <td>½"-13 Nut S.S.</td> </tr> <tr> <td>P6286</td> <td>1</td> <td>½" S.S. Flat Washer</td> </tr> <tr> <td>P6317</td> <td>1</td> <td>½" S.S. Lock Washer</td> </tr> </tbody> </table>	Part #	Qty	Description	PB5704	1	Zinc plated articulated foot	P6255	2	½"-13 Nut S.S.	P6286	1	½" S.S. Flat Washer	P6317	1	½" S.S. Lock Washer	<p>The levelling feet must be installed on all ECU stands before positioning them.</p>		
Part #	Qty	Description																
PB5704	1	Zinc plated articulated foot																
P6255	2	½"-13 Nut S.S.																
P6286	1	½" S.S. Flat Washer																
P6317	1	½" S.S. Lock Washer																
<p>OP100024 Step 4</p> 	<p>Thread one P6255 nut halfway down the articulated foot.</p> <p>Add the P6286 flat washer on top.</p> <p>Insert the articulated foot through the hole in the leg of the ECU stand.</p> <p>Slide on the P6317 lock washer and thread on another P6255 nut.</p> <p>Do not fully tighten until the ECU stand has been placed and secured.</p> <p>Repeat for the other ECU stand leg.</p>																	


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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100024 Step 5 	Install the rack guides on the rear ECU support using the 1002283 rack guide kit.		
OP100024 Step 6 	Locate the front ECU support.  Level it to 1/8" below the level of the center ECU support using a laser line level, measuring tape and by adjusting the levelling feet.	Laser line level Measuring tape 1/2" & 3/4" wrenches	
OP100024 Step 7	Level the front ECU support side to side.		
OP100024 Step 8 	Centre the front ECU support on the back of the console.  Check by measuring the overhang on both sides and ensuring it is equal.		

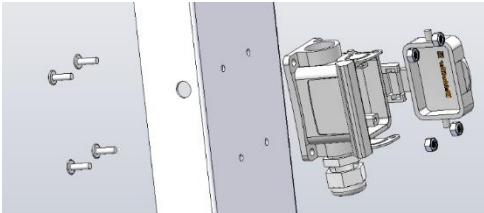
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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100024 Step 9 	Secure the support temporarily using 2 self-drilling screws.		
OP100024 Step 10 	Place the front ECU in position and check the height and location of the front and centre supports.  The ECU should be sloped 1/8" towards the front of the cabinet and in line.  The ECU should fit snugly to the supports, while the center support remains perpendicular.		
OP100024 Step 11 	Adjust the center support if necessary. This may require loosening or removing the screws.  Ensure the ceiling remains slightly bowed upwards by 3/16" -1/4".		




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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100024 Step 12	<p>Secure the centre support to the roof extrusion with the remaining self-drilling screws.</p> <p>DO NOT anchor the articulating feet at this point.</p>		
OP100024 Step 13	<p>Silicone around the top of the center support.</p>		
OP100024 Step 14	<p>Locate the ECU support at the rear of the cabinet.</p>		
OP100024 Step 15	<p>Using a laser line level and adjusting the levelling feet, ensure it is 1/8" below the level of the center ECU support and in-line with the front and centre supports.</p>		
OP100024 Step 16	<p>Apply silicone along the rear outside edges of the rear ECU support.</p> <p>Put in place.</p>		
OP100024 Step 17 	<p>Drill a hole through the ECU support side panel. Be careful to drill through the metal only and not into the panel.</p> <p>Insert a plastic drive rivet.</p> <p>Use a hammer to tap the rivet in.</p> <p>Secure the ECU support with 6 total plastic rivets, 3 on each side.</p>		
OP100024 Step 18	<p>Once all three supports are in place, they may be finished.</p>		


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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100024 Step 19	<p>For the front support, adjust again if necessary to ensure it is 1/8" below level and in line.</p> <p>Remove the screws.</p>		
OP100024 Step 20	<p>Apply silicone to the backside outer edges of the front support.</p> <p>Put back in its location.</p>		
OP100024 Step 21	<p>Tighten the front support screws.</p> <p>Further secure the support using 7 more screws.</p>		
OP100024 Step 22	<p>Drill a 5/16" (8 mm) hole in the floor for the anchor bolts for each foot on the Center ECU support.</p>		
OP100024 Step 23	<p>Insert the anchor bolts and tap to seat correctly.</p> <p>Tighten the anchor bolts.</p>		
<b>Install the Plug Receptacles</b>			
<p>OP 100024 Step 24</p> 	<p>Install each plug receptacle on the ECU leg.</p> <p>The front ECU receptacles go on the top set of holes, with the fan on the right side of the cabinet, and the electric heat on the left side of the cabinet. The rear ECU receptacles will be similarly located.</p> <p><b>Note:</b> This receptacle is shipped on the ECU.</p>		

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
ECU Installation			
OP100024 Step 25	Before fully installing the ECU in the cabinet, connect the hot and cold water lines to the ECU.		
OP100024 Step 26 	Ensure the valves are off (valve handle perpendicular to direction of water flow).  Remove the blue plug from the end of the ECU fitting.	Pliers	
OP100024 Step 27 	Apply a small amount of thread sealant to the threads on the connection hose.  Ensure no thread sealant enters the fitting of the hose and is located on the threads only.		
OP100024 Step 28 	Screw gently into the fitting on the ECU and tighten with wrenches.  Repeat for the 3 other hoses.	7/8" wrenches	

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100024 Step 29 	<p>Place the ECUs in the cabinet using the ECU dolly. Ensure they are stable on the ECU stands.</p> <p>The ECU should be tight to the center ECU support's air duct.</p> <p><b>Note:</b> On double depth cabinets, the ECUs are installed as mirrors of each other.</p>	4-foot level	
OP100024 Step 30	<p>Connect the ECU hoses to the protruding pipe from the center ECU stand by steadying the solenoid valve with one hand while you push the fitting onto the protruding pipe.</p> <p>The fitting will bottom out once it is fully seated on the pipe.</p>		
OP100024 Step 31	<p>Complete the center ECU support following all steps not completed in the center ECU support procedure.</p> <p>You may now proceed to outfitting the cabinet with add-ons and finishing the installation.</p> <p>If selected by the customer, the humidity system can now be installed.</p>		
OP100024 Step 32	<p>You may now proceed to outfitting the cabinet with add-ons and finishing the installation.</p> <p>If selected by the customer, the humidity system can now be installed.</p>		