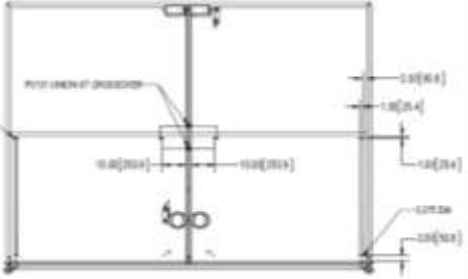
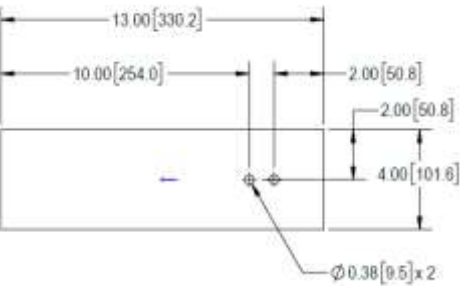








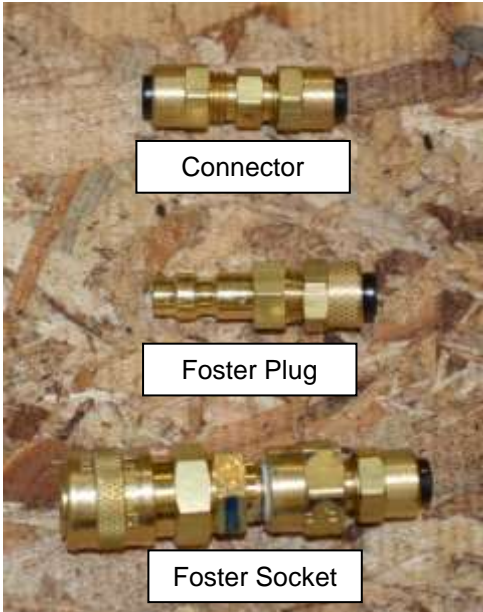
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		Revision No. 1	Approved By: S. Ditner


Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100030 Step 1</p>  <p>Sample Airline Layout</p>	<p>Consult the Jamesway Technician's Handbook and locate the relevant airline location drawing.</p> <p>Note: for all machines with front corner panels, the holes should be located approximately 13-14" in towards the console, rather than as indicated on the drawing.</p>		<p>Throughout: Safety Shoes Safety Glasses Hearing protection as required Additional equipment as required by the site</p>
<p>OP100030 Step 2</p> 	<p>It may be helpful to create a template as shown in the diagram.</p>	<p>Airline template</p>	
<p>OP100030 Step 3</p> 	<p>Drill 3/8" (9.5 mm) ID holes into the roof of the cabinet as shown on the drawing.</p> <p>If using a template, the template should be located as follows on either side of the cabinet:</p> <ul style="list-style-type: none"> • Front of cabinet: 2" off side top wall and header OR With front corner panel: 2" off header and in line with the door jam extrusion screw • 2" off side top wall and 2" to the front of each roof H-channel • 10" off center roof extrusion and 2" to the front of middle roof H-channel 	<p>½" chuck cordless drill 3/8" drill bit</p>	






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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100030 Step 4</p> 	<p>Thread the correct tubing (black or clear) through each hole.</p> <p>Be sure to also thread on the necessary snap bushings, with the plug portion facing each hole, when threading the tubing.</p> <p>Note: for double depth cabinets, the airline will be threaded through a cover plate at the connection to the console. Ensure snap bushings are installed on the cover plate and that the holes used match the drawings.</p>		
<p>OP100030 Step 5</p> 	<p>Adjust the lengths of the tubing inside the cabinet on one side.</p>	<p>Measuring tape</p>	
<p>OP100030 Step 6</p> 	<p>Snap the snap bushings in place once the airline is correct. Use an open-ended wrench to help install them.</p>	<p>¼" open ended wrench</p>	


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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100030 Step 7 	Remove the slack from the tubing lines.		
OP100030 Step 8 	Cut at the appropriate length on the other side of the tubing run, consulting the airline drawings.	Plastic tubing cutter Measuring tape	
OP100030 Step 9	Repeat for all other airline runs on the cabinet, as shown on the appropriate airline drawing.		
OP100030 Step 10 	Assemble the airline connections as follows: <ul style="list-style-type: none"> • <i>Connector</i> – no assembly required • <i>Foster Socket</i> – thread a compression nut with ferrule on loosely • <i>Foster Plug</i> – thread a compression nut with ferrule on loosely 	7/16", 1/2", 9/16" Wrenches	

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100030 Step 11 	Cut the airlines at the crossover in the center.	Plastic tubing cutter	
OP100030 Step 12 	Insert one black and one clear airline into either end of the connector fitting. Tighten the compression nut with a wrench until snug. Note: Do not use thread sealant on the fittings. This may cause turn issues.	7/16" Wrenches	
OP100030 Step 13 	Repeat for the second pair of airlines in the crossover.	7/16" Wrenches	
OP100030 Step 14 	Insert snap bushings into the airline holes inside the cabinet.	1/4" Open-ended wrench	
OP100030 Step 15 	Following the drawing, install either the Foster Socket or the Foster Plug connections onto each airline inside the cabinet. Tighten the compression nut until snug. Note: Do not use pipe sealant on the fittings. This may cause incubator rack turn issues.	7/16" Wrenches 1/2" Wrench	

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100030 Step 16</p> 	<p>For double depth cabinets only:</p> <p>Once running the airlines has been completed, install the cover plates as follows:</p> <ol style="list-style-type: none"> 1. Silicone the back side of each plate 2. Insert drive rivets with a hammer 3. Place plugs in the two open holes on the left hand plate. 4. Silicone around the outer edge of each cover plate. 	<p>Caulking gun Hammer</p>	