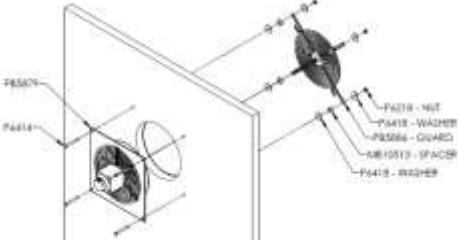





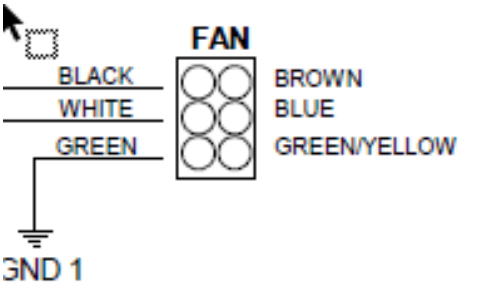



	<b>Part Name / Description:</b> <b>Platinum 24V DC Hatchers</b>	Instruction #: OP100035	Page 1 of 5
	<b>Operation Instruction Title:</b> <b>Platinum 24V Hatcher Powered Exhaust</b>	Revision Date: 09/24/2018	Revised By: V. Frail
		Revision No. 1	Approved By: S. Ditner


Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)																																										
<p>OP100028 Step 1</p> 	<p>Ensure all parts are present for the exhaust fan installation.</p> <p><b>Note:</b> 24V DC and Platinum 2.0 cabinets use the same fan pack.</p> <p>FB6371 Platinum Hatcher Exhaust Fan Pack</p> <table border="1" data-bbox="587 640 1050 1249"> <thead> <tr> <th>Part #</th> <th>#</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PB5880</td> <td>1</td> <td>Nimbus Rail Mount Kit</td> </tr> <tr> <td>PB5879</td> <td>1</td> <td>Fan - 10" Multifan</td> </tr> <tr> <td>PB5878</td> <td>1</td> <td>Nimbus Smart Fan Controller</td> </tr> <tr> <td>PB5216</td> <td>1</td> <td>Relay Socket 14 Pin</td> </tr> <tr> <td>PB5214</td> <td>1</td> <td>Relay - 4 Pole 3a</td> </tr> <tr> <td>PB4808</td> <td>20</td> <td>Cable - Cable 18/3</td> </tr> <tr> <td>PB4529</td> <td>2</td> <td>Connector - Pg7 Liquid Tight</td> </tr> <tr> <td>PB3140B</td> <td>2</td> <td>Bushing - Snap 1/4 OD</td> </tr> <tr> <td>P6418</td> <td>8</td> <td>Washer - 0.344" ID 1.50" OD</td> </tr> <tr> <td>P6414</td> <td>4</td> <td>Screw - 5/16 18X 2 3/4 Hex Head Cap S</td> </tr> <tr> <td>P6218</td> <td>4</td> <td>Nut - 5/16-18 Nylon Insert Lock</td> </tr> <tr> <td>MB10513</td> <td>4</td> <td>Spacer - Nylon, .375 In</td> </tr> <tr> <td>PB5886</td> <td>1</td> <td>10" Fan Guard</td> </tr> </tbody> </table>	Part #	#	Description	PB5880	1	Nimbus Rail Mount Kit	PB5879	1	Fan - 10" Multifan	PB5878	1	Nimbus Smart Fan Controller	PB5216	1	Relay Socket 14 Pin	PB5214	1	Relay - 4 Pole 3a	PB4808	20	Cable - Cable 18/3	PB4529	2	Connector - Pg7 Liquid Tight	PB3140B	2	Bushing - Snap 1/4 OD	P6418	8	Washer - 0.344" ID 1.50" OD	P6414	4	Screw - 5/16 18X 2 3/4 Hex Head Cap S	P6218	4	Nut - 5/16-18 Nylon Insert Lock	MB10513	4	Spacer - Nylon, .375 In	PB5886	1	10" Fan Guard		<p>Throughout:  Safety Shoes  Safety Glasses  Hearing protection as required  Additional equipment as required by the site</p>
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<p>OP100028 Step 2</p> 	<p>Apply silicone to the rear edges of the fan.</p> <p>Insert the fan from the inside of the cabinet to the pre-cut hole. Insert the P6414 bolts at this time.</p> <p><b>Note:</b> This will require someone to hold the fan in place while the fasteners are affixed from the exterior of the cabinet.</p>	<p>Caulking gun</p>																																											

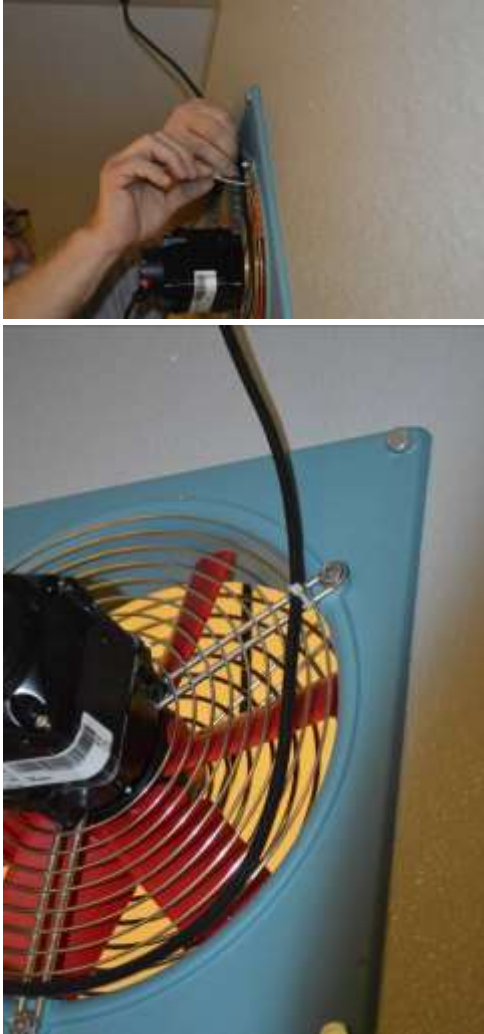

	<b>Part Name / Description:</b> <b>Platinum 24V DC Hatchers</b>	Instruction #: OP100035	Page 2 of 5
	<b>Operation Instruction Title:</b> <b>Platinum 24V Hatcher Powered Exhaust</b>	Revision Date: 09/24/2018	Revised By: V. Frail
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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100028 Step 3 	From the exterior, fasten the fan as follows: <ul style="list-style-type: none"> <li>- Place a P6418 washer on the bolt</li> <li>- Place a MB10513 spacer on top</li> <li>- Place the guard</li> <li>- Place another washer</li> <li>- Attach the P6218 nut</li> </ul> Complete this for all 4 bolts and tighten in place.	½" wrench ½" socket Ratchet	
OP100028 Step 4 	Remove the motor cover from the fan and remove the grey connector.	Wrench Screwdriver	
OP100028 Step 5 	Replace the grey connector with a PG9 connector.		
OP100028 Step 6 	Run the PB4808 fan wire through the PG9 connector and wire to the motor.	Electrical screwdrivers	

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100028 Step 7	<p>Drill a hole in the center roof extrusion from the top with a 3/8" drill bit, approximately 12" from the back of the cabinet.</p> <p>From the inside, use a 7/16" drill bit for a PG7 connector and tap with a PG7 tap.</p> <p>Ensure this is on the <b>right side</b> of the extrusion, when standing inside the cabinet and facing the fan, so that the wire enters the <i>high voltage</i> side of the cable trays.</p>	Cordless drill 3/8" Drill bit 7/16" Drill bit PG7 tap	
OP100028 Step 8 	<p>Thread the PG7 liquid tight into the hole.</p> <p>Loosen the nut so that the wire may be inserted.</p>		
OP100028 Step 9 	<p>Thread the wire through the connector and tighten.</p> <p>Apply a PB3140B snap bushing from the top.</p>		

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100028 Step 10</p> 	<p>Secure the wire to the guard on the fan using a cable tie.</p> <p>Trim the excess of the cable tie.</p>	<p>Side cutters</p>	
<p>OP100028 Step 11</p> 	<p>Insert a PB2140B snap bushing in the hole in the center roof extrusion.</p> <p>Run the wire through the cable tray down into the console.</p> <p>Run the wire through a portion of the 1/4" tubing supplied in the bottom of the console to protect the wire as it passes through the center roof extrusion.</p>		

	<b>Part Name / Description:</b> <b>Platinum 24V DC Hatchers</b>	Instruction #: OP100035	Page 5 of 5
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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)												
OP100028 Step 12  <table border="1"> <thead> <tr> <th>Wire from Fan</th> <th>Location in Console</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>L1</td> <td>T1 on SSR1 Relay</td> <td>White</td> </tr> <tr> <td>N</td> <td>X7-1</td> <td>Black</td> </tr> <tr> <td>Ground</td> <td>X7-2</td> <td>Green</td> </tr> </tbody> </table>	Wire from Fan	Location in Console	Color	L1	T1 on SSR1 Relay	White	N	X7-1	Black	Ground	X7-2	Green	Wire the fan into the console as directed.  <b>Note:</b> Ensure the fan wire is run down the right side (high voltage) of the center roof extrusion channels.		
Wire from Fan	Location in Console	Color													
L1	T1 on SSR1 Relay	White													
N	X7-1	Black													
Ground	X7-2	Green													
OP100028 Step 13	Silicone around the edges of the fan, both inside and outside the cabinet.  Silicone around the edge of the liquid tight connector in the center roof extrusion.														