

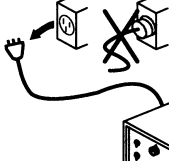


Supplemental Pump Motor Fan HyPerformance

Field Service Bulletin

805790 – Revision 0 – June, 2008

Hypertherm®

		DANGER ELECTRIC SHOCK CAN KILL
		
Disconnect electrical power before performing any maintenance. See the Safety Section of the system Manual for more safety precautions.		

Introduction

Purpose

This field service bulletin provides the steps that are necessary to install an auxiliary fan for the pump motor in HPR130 and HPR260 power supplies. The auxiliary fan is only needed for 50 Hz units when the temperature switch inside the motor is opening on a regular basis during normal operation.

Note: the customer will need to provide two 1/4 inch self tapping screws to complete this installation

HPR130 Kit - 228308

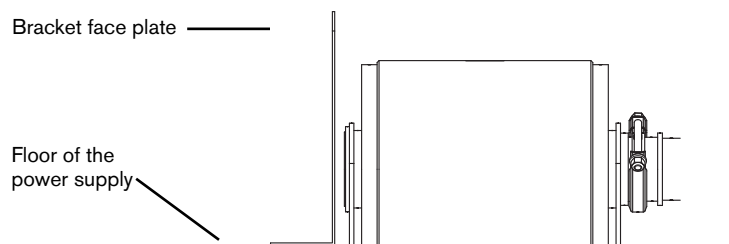
Part number	Description	Qty
101024	Bracket	1
075630	Machine screw	1
127039	Fan: 230 cfm, 115 Vac, 50-60 Hz	1
229204	Wire harness	1

HPR260 Kit - 228257

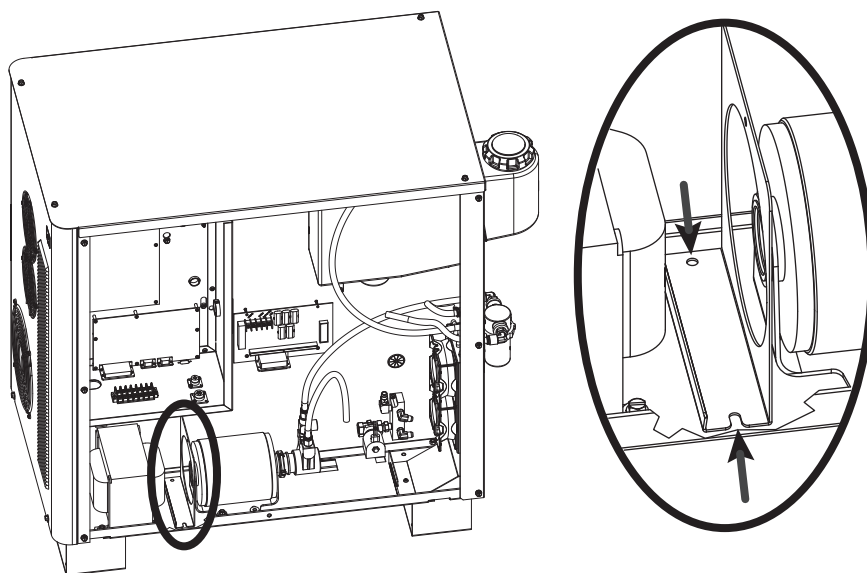
Part number	Description	Qty
101024	Bracket	1
075630	Machine screw	1
127039	Fan: 230 cfm, 115 Vac, 50-60 Hz	1
229203	Wire harness	1

Installation in an HPR130

1. Place the bracket on the floor of the power supply with the face plate close to, but not touching the motor.



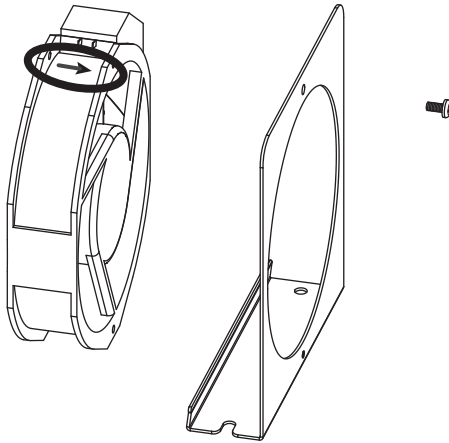
2. Mark the position of the bracket's mounting hole and slot on the floor of the power supply.



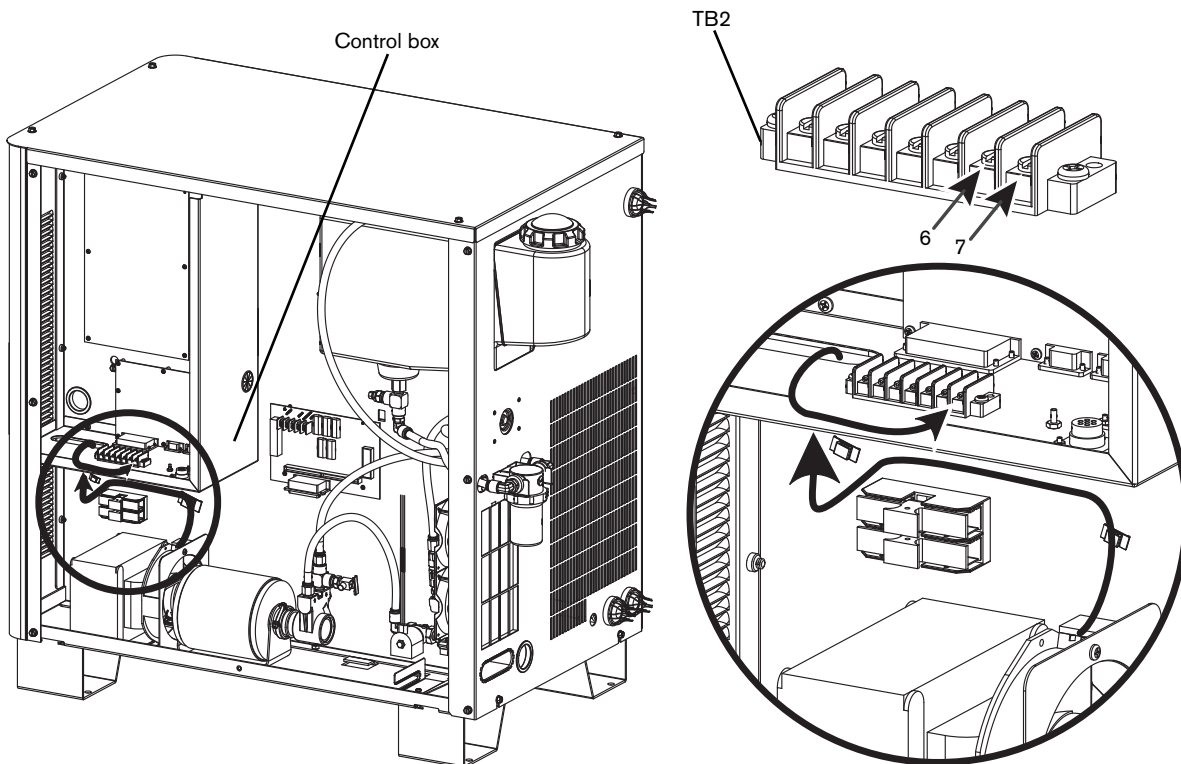
3. Drill 2 holes for 1/4 inch, self-tapping screws (not provided), and attach the bracket to the floor of the power supply.

SUPPLEMENTAL PUMP MOTOR FAN INSTALLATION

4. Attach the fan to the bracket with the screw provided. The direction of the air flow must be toward the motor. There is an arrow on the top of the fan, that should be pointing at the face plate.

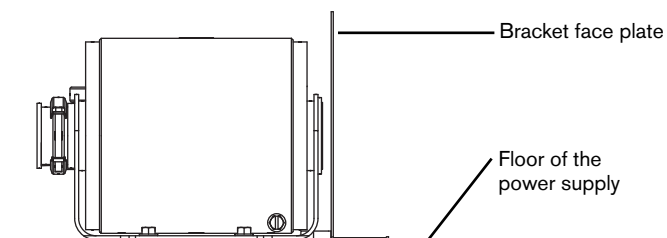


5. Connect the wire harness to the fan. Use cable ties to attach the wires to the wiring harness that runs under the control box. Route the wires to terminals 6 and 7 of TB2 as shown below. There are already wires on terminals 6 and 7. Attach the wires from the new fan to the terminals, over the wires that are already there.

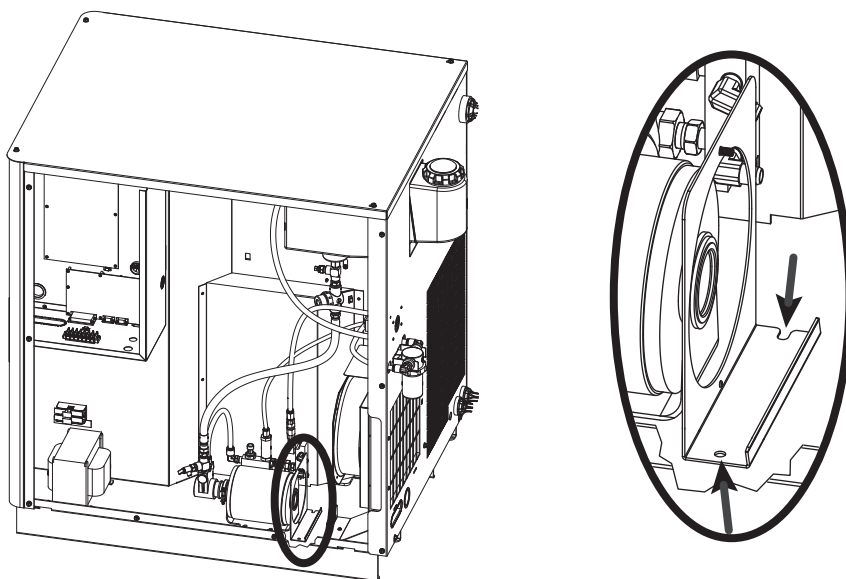


Installation in an HPR260

1. Place the bracket on the floor of the power supply with the face plate close to, but not touching the motor.



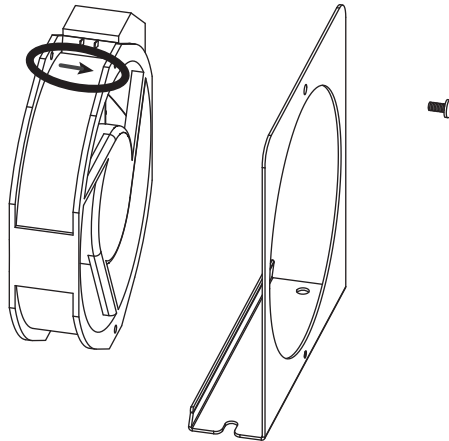
2. Mark the position of the bracket's mounting hole and slot on the floor of the power supply.



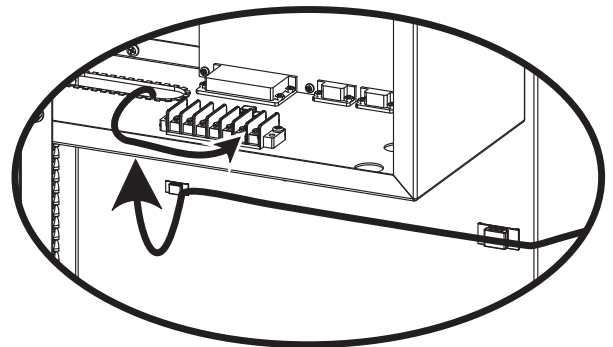
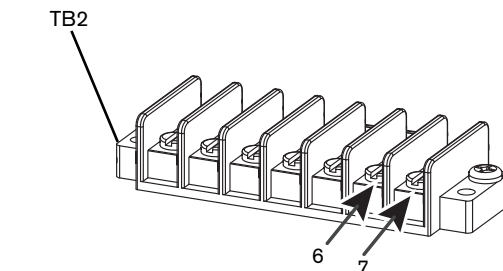
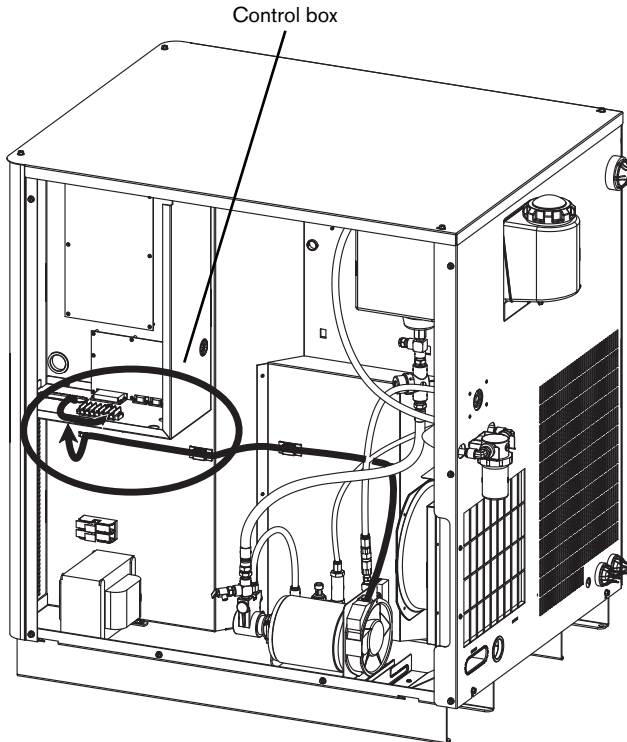
3. Drill 2 holes for 1/4 inch, self-tapping screws (not provided), and attach the bracket to the floor of the power supply.

SUPPLEMENTAL PUMP MOTOR FAN INSTALLATION

4. Attach the fan to the bracket with the screw provided. The direction of the air flow must be toward the motor. There is an arrow on the top of the fan, that should be pointing at the face plate.



5. Connect the wire harness to the fan. Use cable ties to attach the wires to the wiring harness that runs under the control box. Route the wires to terminals 6 and 7 of TB2 as shown below. There are already wires on terminals 6 and 7. Attach the wires from the new fan to the terminals, over the wires that are already there.



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