WARNING

Serious or fatal electrical shock may result from contact with the internal electrical components. DO NOT, under any circumstances, ATTEMPT TO CHANGE THE FAN until the power has been removed from the drive, capacitors are discharged, and 10 minutes have passed for internal voltages to discharge! Before replacing the fan, make sure the fan is working properly by performing the simple test below:

FAN TEST

1. The fan can be unplugged from the drive and tested with a 9 V battery to show functionality.
   - Connect the red (+) lead from the battery to the red fan lead, and the black (-) lead from the battery to the black fan lead.
   - Connect the battery clip to the 9 V battery. The fan should spin freely and quietly.

2. Test that the fan power supply works properly.
   - Cycle power to the drive.
   - Verify that the fan runs for 3–5 seconds during the power-up initialization.

If the fan does not perform as stated above, note the error and consult your local Franklin Electric representative or call the Franklin Electric Technical Service Hotline at 1-800-348-2420.
WARNING

REMOVE ALL INCOMING ELECTRICAL POWER TO THE DRIVE.
THIS IS A NON-POWERED ELECTRIC PROCEDURE.

FAN REPLACEMENT

STEP 1:
Verify the fan replacement kit.

<table>
<thead>
<tr>
<th>Drive Model</th>
<th>Size</th>
<th>Fan Kit No.</th>
<th>Fan Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>5870202003</td>
<td>60 mm (2.36&quot;)</td>
<td>226155915</td>
<td>Integrated</td>
</tr>
</tbody>
</table>

STEP 2:
Remove the center screw holding the screen in place (if installed). Carefully remove the screen holder by gently squeezing the retaining tabs together and pulling the frame away from the drive enclosure.
**SUBDRIVE UTILITY FAN**
**REPLACEMENT AND INSTALL GUIDE**

**STEP 3:**
Remove the rivets from the bottom of the enclosure.

**STEP 4:**
Disconnect the three (3) fan leads from the fan terminal block.

**STEP 5:**
Remove the fan from the enclosure.
STEP 6:
Locate the airflow indication arrow on the side of the fan. Position the fan so that the air is directed into the enclosure.

STEP 7:
Install the replacement fan into the enclosure.

STEP 8:
While holding the fan in place with one hand, secure it to the enclosure using the supplied plastic rivets. To install the rivet, first insert the outer plug, then insert the plunger to secure.

STEP 9:
Insert the three (3) fan leads into the fan terminal block and tighten the terminal screws to 5 in-lbs (0.6 Nm).

Red wire → “+” terminal
Black wire → “-” terminal
Blue wire → “P” terminal
STEP 10:
Reinstall the screen holder by gently inserting the retaining tabs into the slots beside the fan grill. Reinstall the center screw (if previously installed) and tighten to 1.5 in-lbs (0.17 Nm). Ensure the screen holder is fully seated and secured to the enclosure.

STEP 11:
Fan installation is complete. Replace the drive cover and tighten lid screws to 10 in-lbs (1.1 Nm). Apply power and verify that the fan turns on and is working properly.

If you experience any difficulty in performing these steps, consult your local Franklin Electric representative or call the Franklin Electric Technical Service Hotline at 1-800-348-2420.
TOLL-FREE HELP FROM A FRIEND
Franklin Electric
Technical Service Hotline
800-348-2420