

NTI Boilers
 30 Stonegate Drive,
 Saint John, NB E2H0A4
 Toll Free: 1-800-688-2575
 Web: www.ntiboilers.com
 Email: info@ntiboilers.com

Part# 6000085114 UPS15-58RU, 115v circulator cartridge

Applicable Boiler Models

- Tx151C, Tx200c, VM110P, FTV110c, FTV150c, FTV190c

Kit Contents: 1 Grundfos Circulator Cartridge

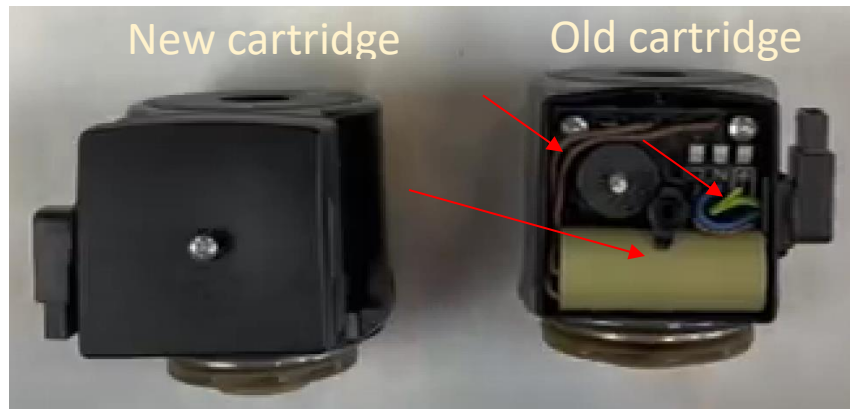
Tools Required: • 4mm Allen Key • #2 Phillips screwdriver

*** Note** – The UPS15-78, NTI part#6000084917, originally used in the Tx151c & 200c boilers is no longer available. The UPS 15-58RU, part# 6000085114 will be used in its place **BUT** first requires the electrical head's plastic enclosure to be swapped over from the original (connector must be flipped to the opposite side). A video showing how to swap the plastic electrical box is available at: <https://partners.ntiboilers.com/repair-guide/>



Replacement Instructions

- 1) Turn off power and gas to the boiler.
- 2) Drain boiler of water.
- 3) Remove boiler front cover.
- 4) Remove 4 Allen keys & pull off circulator cartridge.
- 5) If the boiler is a TX151c or TX200c, go to step 6. All other models, skip to step 11.
- 6) Loosen the top screw and remove the top plastic covers.
- 7) Remove the 2 screws and capacitor clamp (arrows in pic below) then pull the plastic electrical box off the cartridge.
- 8) Remove the electrical components from the old plastic box and discard; keep the box.
- 9) Remove the electrical components from the new plastic box and discard the new box.
- 10) Install the new electrical components into the old plastic box, locating the connector on the opposite side, and install the clamp and screws. Install the old plastic cover.



- 11) Install the new cartridge back into the boiler.
- 12) Refill boiler with water and purge excess air.
- 13) Turn on power and gas to the boiler.

CAUTION

Air in Boiler - Ensure the boiler is completely filled with water, and that all the air is purged. Failure to do so may result in property damage.

CAUTION

Pressure - Ensure the system is refilled to a minimum of 15psi. Failure to do so may result in property damage.

