



INSTALLATION INSTRUCTIONS

10.75" x 36" RUNWAY SWEEPER CONVOLUTED WAFER SECTIONS

PLEASE FOLLOW ALL OF THE STEPS OF THE INSTALLATION INSTRUCTIONS!

- 1) **CHECK YOUR CORE**...for any specification variances. Core O.D. must be 10.75" + .0/-.125. for United Rotary Brush Wafer Sections. Check the outside diameter along the entire core length. All drive bars should be inspected for indentations or excessive wear.
- 2) **STAND CORE UPRIGHT**...with support for safety, when installing wafer sections. Flatten or straighten end plates and secure one in place on the bottom of core.
- 3) **BEGIN INSTALLING**...the wafers on the core, ensuring the drive pins of each wafer section lock the wafer over one of the wafer core's drive bar.
- 4) **BUILD A BALANCED BROOM**...to ensure a properly balanced broom, locate the black mark on the inside of the wafer ring (the wafers have been pre-balanced and this mark indicates the "heavy" point of the wafer). Install the next wafer on the core, rotating the position of the black mark 180-degrees for every consecutive convoluted wafer. Install the remaining convoluted wafers until the entire core is filled, with the wafers compressed together. Mount end flange and tighten bolts until the end plate and core are sealed.
- 5) **REINSTALL CORE**...on the sweeper. To lower and move a refilled core, attach supports directly to the metal sweeper core. Do not apply force, pressure or lift to any part of the wafer or filament during the core installation onto the sweeper.
- 6) **ADJUST SWEEPING PATTERN**...as this is the main determinant of broom life. Remember, a broom sweeps with the tips of the filament, not the sides. DO NOT MOP! In extreme conditions, it is recommended that operators slow vehicle speed and increase the broom RPM in order to sweep effectively. DO NOT INCREASE DOWN PRESSURE TO THE BROOM.

7) REPLACE WORN WAFERS...when wafers reach one half of the original outside diameter.

All United Rotary Brush Corporation's Runway Sweeper Wafer Sections are guaranteed for quality material and workmanship. This warranty is void upon improper installation, use or installation on worn or undersized sweeper cores where the outside diameter is smaller than 10.625" for 36" sections. If you have any questions or need assistance please contact us.