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DRUM MEDIA MEASUREMENT AND INSTALLATION INSTRUCTIONS

All zippered media are made to the exact length which is the drum circumference. We add a couple of inches in media width (left to right – zipper length) as the fabric width permits. Media dimensions are critical and are carefully checked before they are shipped. Zippered media's are measured zipped-up and shipped unzipped for the convenience of installation crews. We recommend that you order 1" outside flaps to protect the zipper from the nozzles. The outside flap also provides a convenient place to wire the media to the expanded or perforated drum surface and speed installation.

When the installation crews take a media out of the box, they should unfold it – but not unroll it. If the media is unrolled and dragged into the filter house, there is an increased risk of stretching or tearing. Unfolding but not unrolling makes it easy to carry the media into the filter house. Lay the media in front of the drum and attach the media flap as described above. Turn the run switch to the "hand" or "manual" position and allow the drum to pull the media evenly around the circumference. Pulling a media over a drum without rotation may cause stretching.

All zippered media are cut to the exact drum circumference. Please measure your drum diameter - face to face - adjacent to the shaft. Multiply your result by 3.14 and this will be the correct length (circumference) for the media. If your measurements do not match one of the numbers below, please recheck. There are drums which are built smaller or larger in diameter and drums built to metric standards. It is very important that you measure both the drum circumference and the width (bulkhead wall to opposite end) before you order. Drums should be numbered or otherwise designated and the measurements written in a conspicuous location.

TYPICAL DRUM DIAMETERS AND MEDIA LENGTHS (DRUM CIRCUMFERENCE). Please verify these dimensions as they can vary from different manufacturers. **Example: Typical 8 foot diameter drum is 95 inches diameter or 298.5 inches circumference, one manufacturers 8 foot diameter drum is 96 inches diameter and 301.5 inches circumference.**

<u>Diameter</u>	<u>Circumference</u>
5 foot	188.5 inches
6 foot	226.0 inches
7 foot	264.0 inches
8 foot	301.5 inches
9 foot	339.0 inches
10 foot	377.0 inches
12 foot	452.0 inches

If you order drum media without zippers, you should add 8" to 12" to the length to allow for overlapping, zipper molding or ratchet systems.

If for some reason a zippered media seems slightly long (up to 2") it can be hand tightened. To do this, make sure the media is on straight and pulled over the seal or to the bulkhead wall. Tighten the bulkhead tension band and leave all of the other bands loose. Put the run switch in manual mode and gently tug the media to stretch it in width. The media will respond like a "Chinese Handcuff". As you stretch it in width, it will begin to take up the circumference and remove the extra length. The key word in this procedure is gentle. The media will tear if you are too aggressive. The remaining tension bands can then be tightened and the media will be secured in position. If you find this procedure necessary, please recheck measurements.