

Temperature Controlled Positive Pressure Application Rooms

The use of a Temperature Controlled Positive Pressure Application Room (Clean Room) is not an absolute requirement for manufacturing Quanex Dura Platform and Super Spacer flexible spacer systems. However, it is one of our fundamental recommendations because of the expectation by end users of the IG that the interior space should be completely clean.

Many advantages can be found in the use of such a room. We list them below.

- **Controlled application temperature:** This allows for consistent storage and application of flexible spacer. This consistency improves efficiency and throughput (speed). When temperature is not controlled, seasonal and daily changes affect how workers apply the product and will decrease productivity.
- **Cleanliness:** The positive pressure "clean room" improves IG quality by reducing airborne dust and reducing rejection rates. It also reduces larger contaminants that may affect bondline adhesion.
- **The enhanced environment in the clean room often improves employee teamwork.** This results in the application area being a desirable place to work. This is an important consideration since the IG unit is the most important component of the window assembly. Every effort should be made to ensure that it is made as consistently and accurately as possible.
- **Improved IG quality reduces field service.** Reduced field service is likely to be the highest priority of any window manufacturer. A smooth running application team will be more likely to produce to quality standards, and with improved production efficiency.

One source for clean rooms is: Modular Cleanrooms, Inc.
3740 Paris Street, Denver, CO 80239
Phone: 800-496-7666
Contact: Ross Barrick
www.modularcleanrooms.com

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