

# Notice of Provisional Certification Testing Method

#### To: IGCC®/IGMA® Approved Laboratories

From: Insulating Glass Certification Council (IGCC)

Date: December 1, 2021

### Subject: IMPORTANT RAC Provisional Certification Advanced Testing

On November 12<sup>th</sup>, 2021 the IGCC Provisional Certification and IGMA Advanced Testing Sub-Committee has given the green light to move forward using the Rapid Assessment Chamber (RAC) for Provisional Certification. This test chamber performs a rapid weathering test (14 Days) exposing 6 samples to constant UV, elevated temperature, and 100% humidity while oscillating between pressure and vacuum. Use of the RAC (see below) is envisioned as a parallel process, to gain a provisional certification quicker, not a replacement for ASTM E2188.

The purpose of this memo is to gauge the interest of all IGCC/IGMA Approved Laboratories, and to help keep this initiative moving forward. Initially IGCC would like to get an RAC set up in at least the Eastern, Central, and Western regions of the United States. For the uses listed below we anticipate the RAC will become a valuable testing resource for the IG industry.

## What will the RAC be used for: Provisional Certification Component Equivalency New Product Testing In Plant Quality Assurance Correlation Testing R & D

#### What is required to run the RAC:

- (3x) 20 AMP power outlets | (1x) 15 AMP power outlet
- 6' x 4' space to operate the chamber (RAC assembly can be moved with a pallet jack)
- Water Source & Drain (only uses ~10 gallons / month)
- A single test operator, the RAC was designed with ease of operation in mind

\*The cost for 1 RAC is currently estimated at \$20,000 with the estimated lead time for delivery being Spring 2022.\* We are requesting feedback from Approved testing Laboratories of their interest in making this investment.





Many of you are aware of the substantial work and effort that has been put into the development and validation process of the RAC. If you wish to gain more knowledge on the RAC please contact IGCC or myself directly, and we will set up a time to further discuss and answer any questions you may have. Thank you for your support of the IGCC®/IGMA® Certification process.

Best regards, Mitchell Majewski