

Cassette Attachment & Removal Vehicle (CAR-V)

Double-skin glass walls share a common problem: the cleaning of the glass interior of the cavity. The airspace is no longer hermetically sealed, as with conventional IGUs. Common solutions to this problem either involve sizing the cavity depth to accommodate a service worker or hinging the inner glass units so that they can be swung open for cleaning. Unfortunately both solutions result in significant additional cost to the facade system.

Meet the CAR-V. Specifically designed to facilitate the servicing, cleaning and maintenance of shallow cavity double-skin glass walls, the CAR-V eliminates the need for a man-accessible maintenance cavity or hinged interior glass skin. The programmable robotic machine can lift the inner glass pane away from the wall, rotating or tipping it as required to facilitate handling and cleaning. Hand operated controls conveniently mounted on an extendible grip allow a single operator to put the CAR-V through its paces. The CAR-V can also be employed during initial installation of the facade system.

Features include:

- Sized to fit within an elevator and/or lift
- Only 850 lbs
- Battery operated
- Rimless suspension system
- Onboard compressor, motor & counter-weights

