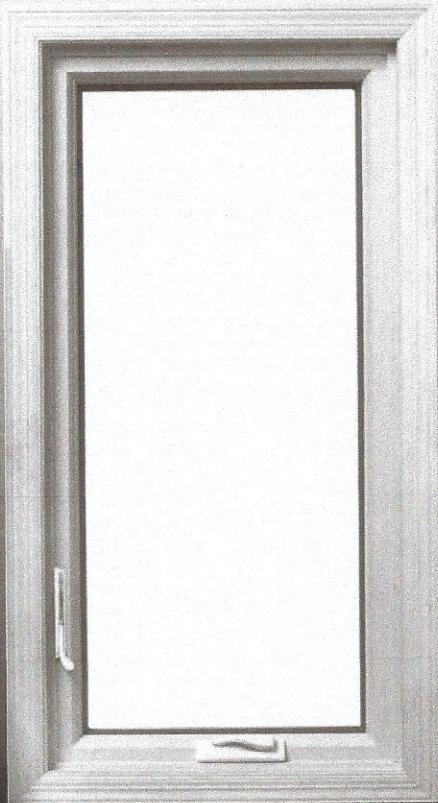


CASEMENT WINDOW

ADVANTAGES AND APPLICATIONS

The Renewal by Andersen® casement window consists of one or multiple sashes in a single frame. The sash can be hinged on the right or left side and pivots outward. Sash opening is controlled by a roto gear operator on the sill. A single sash lock lever activates multiple lock points to enhance security, and pulls the sash in tightly against the weatherstrip on the sash and frame. Insect screens are installed on the interior of the frame.



*Casement
Replacement Windows*

ADVANTAGES

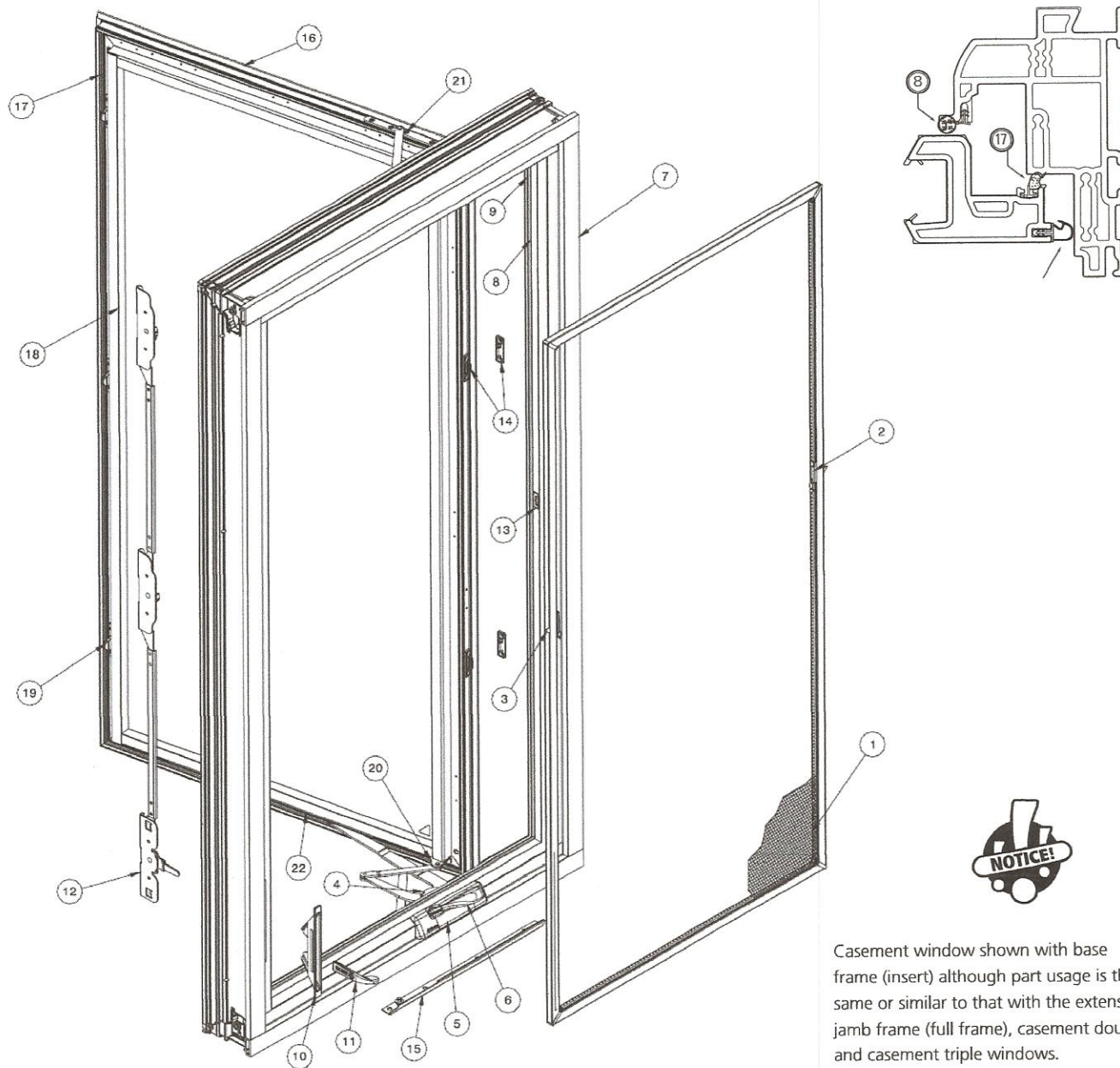
- Allows the most ventilation of any window type.
- Open sash can “catch” breezes from multiple directions.
- Multiple weatherstrips provide a weather tight seal when sash is closed and locked.
- Patented Fibrex® material is more rigid than vinyl, allowing more glass area.
- Fibrex material with low-maintenance capstock gives a rich, low-luster finish to sash and frame, similar to painted wood.
- Smooth radius surfaces on frame and sash are pleasing to the eye and easier to clean.
- Mortise and tenon appearance on the interior and exterior sash and frame corners give a traditional hand-crafted look.

APPLICATIONS

- Widely used to replace other styles of windows.
- Offers dramatic design accents when combined with fixed windows.
- Recommended for use over countertops and other wide obstructions because operation is controlled by turning a handle—an easier motion than lifting or sliding sash.
- Should not be used in areas where the projecting sash could obstruct outside walkways.
- Visually compatible with other Renewal by Andersen products.
- Corrosion-resistant casement hardware is available for use in harsh and corrosive environments such as heavy industrial or coastal areas.

EXPLODED VIEW

CASEMENT WINDOW



Casement window shown with base frame (insert) although part usage is the same or similar to that with the extension jamb frame (full frame), casement double, and casement triple windows.

CASEMENT WINDOW COMPONENTS

- | | | |
|---|-------------------------------------|---|
| 1. Insect screen | 8. Frame weatherstrip | 16. Sash rain screen weatherstrip |
| 2. Universal insect screen latch retainer | 9. Hole plug | 17. Sash bulb weatherstrip |
| 3. Insect screen latch | 10. Bezel | 18. Casement sash |
| 4. Casement dual arm operator | 11. Lock handle | 19. Lock strike |
| 5. Operator cover | 12. Lock assembly | 20. Casement sash bracket
(Corrosion-resistant upgrade option) |
| 6. Operator handle | 13. Insect screen grommet | 21. Hinge |
| 7. Frame | 14. Sash and frame snugger | 22. Operator track |
| | 15. Corrosion-resistant hinge track | |

STANDARD FEATURES

CASEMENT WINDOW

Described below are features that contribute to the casement window's low maintenance, energy efficiency, ease of operation, and pleasing appearance.

- **Frame** – Made of rigid Fibrex® material, a unique structural composite of wood fibers and a special thermoplastic polymer. Developed by Andersen®, Fibrex® material combines the strength and stability of wood with the low-maintenance features of vinyl.
- **Sash** – Corner keys provide durable, watertight corners. The mortise and tenon joinery complements the frame. A high-performance silicone sealant provides a watertight seal between glass and sash.
- **Glazing** – High-Performance™ Low-E4® glass with an inert, energy-efficient gas, is standard for every window. Glass is placed into sash before assembly for a strong, weather tight assembly. A high-performance silicone sealant provides a watertight seal between glass and sash. See options on page 1-6 for other glass choices.
- **Glass spacer** – The patented low-conductivity stainless steel spacer resists heat transfer four to five times better than aluminum spacers and is stronger than silicone or plastic spacers used by many other manufacturers.