



**HC-176 CASEMENT FIXED
Thermal Performance Ratings**

| MODEL CODE | LAYERS OF GLAZING | SHGC | U-FACTOR Btu/hft. F | U-FACTOR W/m ² . K | ER | VT-Visible Transmittance 0 to 0.99 |
|--|-------------------|------|------------------------|----------------------------------|----|--|
| 180 ESC-Arg-CI | 2 | 0.51 | 0.26 | 1.49 | 37 | 0.60 |
| 180 ESC-Arg-CI (With Grilles) | 2 | 0.46 | 0.26 | 1.49 | 34 | 0.54 |
| 180 ESC-Arg-i89 | 2 | 0.49 | 0.22 | 1.24 | 41 | 0.59 |
| 180 ESC-Arg-i89 (With Grilles) | 2 | 0.44 | 0.22 | 1.24 | 38 | 0.53 |
| 180 ESC-Arg-CI-Arg-180 ESC | 3 | 0.45 | 0.19 | 1.10 | 42 | 0.53 |
| 180 ESC-Arg-CI-Arg-180 ESC (With Grilles) | 3 | 0.40 | 0.20 | 1.15 | 38 | 0.48 |
| 180 ESC-Arg-180 ESC-Arg-i89 | 3 | 0.42 | 0.17 | 0.99 | 43 | 0.52 |
| 180 ESC-Arg-180 ESC-Arg-i89 (With Grilles) | 3 | 0.38 | 0.18 | 1.03 | 39 | 0.46 |

Energy Star
 Energy Star Most Efficient

STRUCTURAL RATINGS

AAMA/WDMA/CSA 101/1.S.2/A440-11 AND A440S1-19 | Size Tested: 2030 x 2030mm (80" x 80") | R-PG70
 Positive Design Pressure = +2640 Pa (+55 psf) | Negative Design Pressure = -2640 Pa (-55 psf)
 Water Test Pressure: 730Pa | Canadian Air Infiltration/Exfiltration: Fixed

