



| 3 | PART NUMBER | DESCRIPTION | QTY. |
|----|-------------|--------------------------------------|------|
| 1 | 2003587 | LH Dual-Arm Casement Operator | 1 |
| 2 | W1496-700 | EXPRESSIONS HDL & CVR LH (W1496-700) | 1 |
| 3 | 2005729 | Track/Slider ASM 14.5" | 1 |
| 4 | W14911888S1 | BRACKET, LH | 1 |
| 5 | 2004392 | 10" Egress, RH Arms Assy. | 1 |
| 6 | 2003559 | 10" Track Assembly, RH, Adjustable | 1 |
| 7 | 2004389 | 10" Egress, LH Arms Assy. | 1 |
| 8 | 2003558 | 10" Track Assembly, LH, Adjustable | 1 |
| 9 | 24309 | STOP, HINGE | 2 |
| 9 | NA | SCREW 7X1/2 PH FU SMS S518-B | 6 |
| 10 | NA | SCREW 7X5/8 PH FH SMS S5410 | 8 |
| 11 | NA | SCREW 8X1 PH FH SMS 18-B | 6 |
| 12 | NA | SCREW 8X.50 PH FH SMS S518-B | 6 |

- NOTES:
- HARDWARE MAY ACHIEVE A MAXIMUM WINDOW SIZE OF 32"W X 68"H (COMMERCIAL). PER AAMA HARDWARE LOAD TEST, -69 LB SASH PERMITTED FOR AAMA HARDWARE LOAD TEST (COMMERCIAL). CHECK WITH EXTRUDER FOR PROFILE PERFORMANCE DATA.
 - HOLD THESE DIMENSIONS AS CLOSE TO THEIR MINIMUM AS MANUFACTURING TOLERANCES ALLOW.
 - SNUBBERS RECOMMENDED ON WINDOWS OVER 30 INCHES HIGH, CENTERED ON SASH AND FRAME ON HINGE SIDE OF THE WINDOW. SEE SNUBBER APPLICATION DRAWING.
 - WARNING! IT IS RECOMMENDED TO INSTALL HINGE STOPS 24309 IN EACH HINGE TRACK FOR SAFETY.
 - WARNING! SHIPPING BLOCKS 24784 IS RECOMMENDED IN EACH WINDOW ASSEMBLY. REFERENCE TECH NOTE #13 FOR CORRECT INSTALLATION OF SHIPPING BLOCKS.
 - WARNING! ONLY TRAINED PROFESSIONALS SHOULD DISCONNECT HARDWARE TO SERVICE WINDOWS. FAILURE TO DO SO COULD CAUSE SERIOUS WINDOW DAMAGE AND/OR PERSONAL INJURY.
 - REFERENCE TECH NOTE #7 AND 9 FOR MOUNTING SCREW COMPATIBILITY AND CORROSION INFORMATION.
 - REFERENCE TECH NOTE #8 FOR PROPER CARE OF HARDWARE.
 - SEE TECH NOTE #14 FOR PROPER INSTALLATION OF AN OPERATOR COVER AND NESTED FOLDING HANDLE.
 - REFERENCE TECH NOTE #3 FOR SASH SAG TIPS.
 - SEE ASHLAND WEBSITE FOR COVER AND HANDLE OPTIONS.

