



NOTE:

⚠ WARNING! ONLY 13 SERIES AWNING HINGES ARE TO BE USED IN AWNING APPLICATIONS. FAILURE TO USE AN AWNING HINGE CAN RESULT IN SERIOUS WINDOW DAMAGE AND/OR PERSONAL INJURY. REFERENCE TECH NOTE #2 FOR COMPLETE INFORMATION. IT IS IMPORTANT THE HINGE AND SASH HEIGHT BE PROPERLY MATCHED TO ENSURE MAXIMUM OPERATOR EFFICIENCY AND AVOID SASH CHATTER.

WHEN USING THE 13-17 HINGE, HARDWARE CONFIGURATION MAY ACHIEVE:
- MAXIMUM WINDOW SIZE OF 60"W X 42"H (RESIDENTIAL)
- 61LB SASH PERMITTED FOR BALANCED AWNING OPERATION

CHECK WITH EXTRUDER FOR PROFILE PERFORMANCE DATA.

⚠ HOLD THESE DIMENSIONS AS CLOSE TO THEIR MINIMUM AS MANUFACTURING TOLERANCES ALLOW.

3. MOUNTING SCREWS FOR ALL HARDWARE SHOULD PASS THRU TWO PVC WALLS OR A SINGLE WALL WITH AN INTERIOR METAL INSERT.

4. IT IS RECOMMENDED TO USE TWO LOCKS IN AN AWNING APPLICATION.

⚠ WARNING! IT IS RECOMMENDED TO INSTALL HINGE STOP 24309 IN EACH HINGE TRACK FOR SAFETY.

⚠ WARNING! SHIPPING BLOCK 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.

8. REFERENCE TECH NOTE #7 AND 9 FOR MOUNTING SCREW COMPATIBILITY AND CORROSION INFORMATION.

9. REFERENCE TECH NOTE #8 FOR PROPER CARE OF HARDWARE.

10. SEE TECH NOTE #14 FOR PROPER INSTALLATION OF AN OPERATOR COVER AND NESTED FOLDING HANDLE.

11. SEE AMESBURYTRUTH HARDWARE CATALOG FOR FURTHER INFORMATION ON APPLICATION OF ENCORE COMPONENTS.

12. ALL DIMENSIONS ARE AFTER WELD.

ITEM #	PART NO.	DESCRIPTION	QTY.
1	131020-211	OPNR. ENCORE SASH	1
2	12614	HANDLE AND COVER ASSEMBLY	1
3	13157	TRACK/PIVOT SLIDE MAX/IN AWNING	1
4	SEE CHART	HGE AWN LH HINGE ASSY	1
5	SEE CHART	HGE AWN RH HINGE ASSY	1
6	24309	HINGE STOP	2
7	19245	SCREW 8X1 PH FH SMS VZF (OPERATOR TRACK, STUD BRACKET)	10
8	19110	SCREW 7X3/4 PH FH SMS YZF	8
9	19193	SCREW 7X3/4 PH FH TPA S2410	14
10	12000	FOAM/BLEB BULB SEAL	1

HINGE	RECOMMENDED SASH HEIGHT	RECOMMENDED MAXIMUM COUNTERBALANCE OR SASH WEIGHT	HINGE LENGTH	SCREWS PER HINGE	
STEEL	ST. STL.				
13.13	13.43	10.0-14.0 (254.0MM-355.6MM)	7 LBS (3.2 KG)	10.0 (254.0MM)	7
13.14	13.44	14.0-19.0 (355.6MM-482.6MM)	20 LBS (9.1 KG)	14.0 (355.6MM)	8
13.15	13.42	19.0-26.0 (482.6MM-660.4MM)	38 LBS (17.3 KG)	18.0 (457.2MM)	9
13.16	13.45	26.0-34.0 (660.4MM-863.6MM)	50 LBS (22.7 KG)	22.0 (558.8MM)	10
13.17	13.46	34.0-48.0 (863.6MM-1219.2MM)	61 LBS (27.7 KG)	26.0 (660.4MM)	12

