



NOTE:

1. 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.

2. 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.
5. WARNING! IT IS RECOMMENDED TO INSTALL HINGE STOP 24309 IN EACH HINGE TRACK FOR SAFETY.
6. WARNING! SHIPPING BLOCK 24784 IS RECOMMENDED IN EACH WINDOW ASSEMBLY. REFERENCE TECH NOTE #13 FOR CORRECT INSTALLATION OF SHIPPING BLOCKS.
7. 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 NO.	PART NUMBER	DESCRIPTION	QTY.
1	2006468	16" AWN SCISSORS OPERATOR ASSEMBLY (W1497-951)	1
2	W1496-800-XXX	EXPRESSIONS HDL AND CVR	1
4	2006469	OPERATOR AWN TRACK ASSY (W1497-950)	1
5	SEE CHART	HGE AWN LH ASSEMBLY	1
6	SEE CHART	HGE AWN RH ASSEMBLY	1
7	24309	HINGE STOP	2
8	N-A	SCREW, 8 X 5/8 PH PH SMS SS18-8	5
9	19250	SCREW 8X1 PH FH SMS 18-8	6
10	19070	SCREW 7X1/2 PH FH SMS SS18-8	AR
11	19105	SCREW 7X3/4 PH FH SMS SS18-8	AR

HINGE		RECOMMENDED SASH HEIGHT	RECOMMENDED MAXIMUM COUNTERBALANCE D 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 (462.6MM-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	NA	34.0-48.0 (863.6MM-1219.2MM)	61 LBS (27.7 KG)	26.0 (660.4MM)	12

PLEASE USE CHART ABOVE FOR AWNING HINGE SECTION. RECOMMENDED SASH WEIGHTS AND HEIGHTS ARE FOR COUNTER BALANCED FEATURED ONLY. A PAIR OF HINGES HAVE A 120LB CAPACITY. THE TALLER AND HEAVIER A SASH IS OUTSIDE THE CHART RECOMMENDATIONS THE MORE SASH CHATTER WILL BE PRESENT IN THE OPERATOR ARMS.

