



2 3/4" Flat Slat redl-stor NOTE: MAXIMUM PIPE DEFLECTION ON ANY SIZE **DOOR IS .034** HURRICANE PROTECTION DEVICE APPROVED MEANS OF EGRESS Page#: Page 3 APPROVAL# 95.1220.02 Finding the minimum required operation for the size door you need. Height of Door **Operator Legend** - 0 - 6'-0" 8'-0" 9'-0" 10'-0" Manual Push Up Operation Hand Chain Operation 0 Hand Chain with Gear Reduced 48 6'-0" - Push Up Hand Chain with Gear Reduced 60 8'-0" -Motor Operation Only 10'-0" 12'-0" Hand Chain To use Chart: Find where your door width and 14'-0" or Motor height meet to find the minimum operation that Door 16'-0" may be used for that door size. Motor only 18'-0" For example: The blue line indicates a Hand 20'-0" -22'-0" - Hand Chain Chain Operation. Any size door on that line or of 24'-0" - 48 or Motor above that line may use a Hand Chain, Width 26'-0" including the door sizes that fall into the Manual 28'-0" push up door. But, The Manual push up door 30'-0" may not be used for any door size below the 32'-0" line representing Push up operation. For any 34'-0" door size larger than what is represented here 36'-0" please consult your Alpine Overhead Doors, 38'-0" Inc. Factory. This Graph is for reference only, 40'-0" subject to change without notice. Chain 60 or Motor Finding the minimum required bracket size for the door you need. Height of Door 0 88-0" 111-0" 110-0" 110-0" 100-0" 1 NOTE: Bracket sizes may vary based on gauge 0 of curtain. Bracket size is directly related to the 6'-0" pipe low moment arm deflection (not more than 8'-0" 22" 24" .03 inches per foot). 20" 17" 10'-0" 18" 12'-0" 14'-0" 16'-0" Door 18'-0" 18" 20'-0" 16" 17" 22'-0" 22" To use Chart: Find where your door width and 20" þ height meet to find the minimum bracket size 24'-0" Width 26'-0" for your door. For any door size larger than 28'-0" 18" what is represented here please consult your 24" 30'-0" 17" Alpine Overhead Doors, Inc. Factory. This 32'-0" 22" Graph is for reference only, subject to change 34'-0" without notice. 20" 36'-0" 26" 38'-0" -18" **•** 28" 40'-0" Manufactured by: Distributed By: R OVERHEAD DOORS, INC

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