## MOUNTING INFORMATION

Sex nuts or through bolts are required for wood and plastic covered composite doors, and any type of door without reinforcements and recommended for wood core and metal clad (Kalamein) type doors.

NOTES:

1. Dimensions given in inches and (mm).
2. Minimum Top Rail: 3-7/8 (98)
3. Auxiliary door stop required, by others.
4. Center hung doors must be single acting.
5. Bottom of drop plate will be 2-1/8 (54) into the opening.
6. Maximum Opening is based on a $3-1 / 4$ (83) reveal. Deeper reveals will limit the degree of opening.

RH SHOWN LH OPPOSITE

CAUTION:
Closer To Be Installed In A True Horizontal Position To Ensure Proper Closer Performance.


| OPENING <br> MAXIMUM | A | B | HINGE <br> CONDITION |
| :---: | :---: | :---: | :---: |
| $110^{\circ}$ | $6-1 / 8$ <br> $(156)$ | 14 <br> $(356)$ |  |
| $140^{\circ}$ | $4-3 / 8$ <br> $(111)$ | $12-1 / 2$ <br> $(318)$ | Butts, Offset <br> Pivots, and <br> Swing Clear <br> Hinges |
| $180^{\circ}$ | $2-5 / 8$ <br> $(67)$ | $10-1 / 2$ <br> $(267)$ | CENTER <br> $140^{\circ}$ |
| $4-3 / 8$ |  |  |  |
| $(111)$ |  |  |  | | $12-3 / 8$ |
| :---: |
| $(314)$ | | CENUNG |
| :---: |
| HUNG | |  |
| :---: |



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RESPONSIBILITY
Door and Frame Manufacturers are responsible for providing adequate construction or reinforcements for proper installation of hardware shown. All architectural builders hardware must be installed on properly reinforced doors and frames, regardless of the type, material, or method of construction.

DC8220 Series x 754F24
Top Jamb by 754F24 Plate Mounted
Surface Door Closer (with or without A1/A6/A8)



