**FEATURES**

**EASY INSTALLATION**
Here's Why:
Sugatsune’s HES3D series hinges incorporate a feature that allow the hinge leaves to separate. One leaf is installed in the door frame, while the other is installed into the door itself. You can then install and adjust the door at any time.

**3-WAY ADJUSTABLE FEATURE**
Explained:
HES3D series hinges have vertical, horizontal, and depth adjustment features, so if your door isn’t perfectly aligned on the first try, this feature allows adjustments in each direction.

**OVERALL LOOK**
HES3D series hinges come with cover caps to hide all screws on the face of the hinge. So when your hinge is installed, it has a clean, sleek appearance.

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**Sugatsune America, Inc.**
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Toll Free: 800-562-5267
Fax: 310-329-0819
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[www.sugatsune.com](http://www.sugatsune.com) (for Canada)

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HES3D SERIES
3-Way Adjustable Concealed Hinge

HES3D-E190 *
Min. Door Thickness: 1-1/2" (38mm)
Max. Door Dimensions: 94-1/2" x 35-7/16" (2400 x 900mm)
Max. Door Weight: 220lbs (99kg)/2pcs or 275lbs (125kg)/3pcs
Finishes: Dull Chrome, Dull Nickel, Polished Nickel, Matte Black
*UL Listed with 3 Hour Fire Rating

HES3D-160
Min. Door Thickness: 1-3/8" (35mm)
Max. Door Dimensions: 94-1/2" x 35-7/16" (2400 x 900mm)
Max. Door Weight: 99lbs (45kg)/2pcs or 132lbs (60kg)/3pcs
Finishes: Matte Silver, Matte Gold

HES3D-120
Min. Door Thickness: 1-1/8" (29mm)
Max. Door Dimensions: 94-1/2" x 35-7/16" (2400 x 900mm)
Max. Door Weight: 66lbs (30kg)/2pcs or 88lbs (40kg)/3pcs
Finishes: Dull Chrome, Dull Nickel, Matte Black

HES3D-90
Min. Door Thickness: 15/16" (23mm)
Max. Door Dimensions: 59-1/16" x 23-5/8" (1500 x 600mm)
Max. Door Weight: 26lbs (12kg)/2pcs or 35lbs (16kg)/3pcs
Finishes: Dull Chrome, Dull Nickel, Matte Black

HES3D-70
Min. Door Thickness: 3/4" (19mm)
Max. Door Dimensions: 47-1/4" x 23-5/8" (1200 x 600mm)
Max. Door Weight: 19.8lbs (9kg)/2pcs or 26.4lbs (12kg)/3pcs
Finishes: Dull Chrome, Dull Nickel, Matte Black