

Econo-Serv-Dawn 4" Curved Slat Door



We also have the ability to accurately match the customer's color requirements when provided with the appropriate material samples.

ECONOMY™
SERV-DAWN
 ECONOMY TORSION SPRING DOOR



APPLICATION AND USE

ISO 9001 Registered Company

Economy Serv-Dawn doors are ideal for use in Distribution and Warehousing facilities, Commercial Storage Rooms, Industrial and Commercial Buildings, Hospital and Medical Facilities, Schools and Retail Facilities, and maintains Riot Control in large public areas and sporting facilities.

THE ALPINE ADVANTAGE AND BENEFIT

Rolling Economy Serv-Dawn doors are manufactured by Alpine Overhead Doors, Inc., and are designed for high durability. No matter how large or small the job or how unusual the application, Alpine has a service door that meets your individual specifications. Doors are available in different materials including galvanized, prime painted, stainless steel, and aluminum. Alpine's quality and workmanship are proven throughout the door industry. Our hands-on approach to every job ensures customer satisfaction.

FUNCTIONAL BENEFITS

Alpine Econo ServDawn is cost effective, strong and come in contoured interlocking slat designs. Doors can be manually pushed up, hand-crank, hand-chain or motor operated. All operators can be adapted to specific conditions. Slide lock or pin locking mechanisms can be provided depending on the type of door operation. Alpine rolling steel doors are durable, sturdy and economical to install and maintain.

INSTALLATION

Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

Slide Locks Optional



OTHER RELATED PRODUCTS

SERV-DAWN®
 INDUSTRIAL SERVICE DOOR

MALL-DAWN®
 ROLLING GRILLE DOOR

Alpine Econo Grille™
 COMMERCIAL TORSION SPRING GRILLE DOORS

steelyvision®
 Anodized Steel Door

Econo-Serv-Dawn 4" Curved Slat Door



DOOR CONSTRUCTION

DURABLE DUTY CONSTRUCTION DESIGN CURTAIN

Constructed of interlocking, roll-formed, 4" curved galvanized steel, 22 gauge slats. G90 coating exterior, G60 coating interior, Structural Quality Grade C or better, as per ASTM-A653/A653-M. Optional gauges in 20, 18, 16, and 14 gauge. Built to withstand a 20 psf windload.

GALVANIZED ENDLOCKS

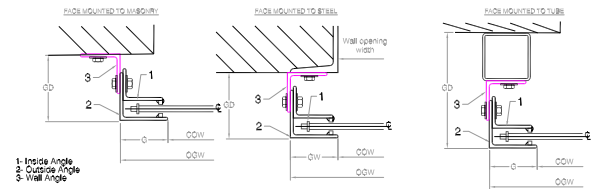
Ductile cast iron endlocks, hot-dipped galvanized and riveted to the ends of each alternate slat with 1/4" thick rivets which prevents lateral movement and limits the slat deflection of the curtain. Windlocks provided as required by door size or design windload.

BOTTOM BAR

Standard includes a single angle galvanized bottom bar measuring 2"x2"x1/8" which extends into the guides. Galvanized steel as per ASTM A653/A653-M. Optional bottom bar consists of an Extruded Aluminum T or a Double Angle bottom bar. Optional finish in baked enamel or powder coated. Option: vinyl weatherstripping.

GUIDES

Consists of 14 gauge roll-formed steel mounting angles, (field welding required) and removeable bellmouth curtain stops to allow for curtain maintenance without removal of the guides. Bellmouth stops shall be flush with the guide groove. Made from structural steel as per ASTM A-36.



COUNTERBALANCE ASSEMBLY

Steel pipe barrel of a size capable of carrying a curtain load with a maximum deflection of 0.03" per ft. of door width. The Heat treated helical torsion springs are encased in a steel pipe barrel designed for proper door balance. This is to ensure that effort to operate the door will not exceed 35 lbs. A sealed and prelubricated ball bearing is present at rotating support points. A Charge Wheel is located outside the end bracket, which is used for applying initial spring torque and for future adjustments. Option: High Cycle Springs can be designed to satisfy from 20,000 life cycles up to 400,000 life cycles.

BRACKETS

Steel plate not less than 3/16" thick. Ball bearings are located at rotating support points. When bolted to the wall the mounting angle supports the counterbalance assembly and forms an end enclosure.

HOOD Hexagon (Option: Square or Round)

Made from #22 ga. steel formed to fit the contour of the brackets.

FASCIA (Optional)

Useful where the area behind the hood is open. Especially applicable with pre-engineered buildings.

OPERATION

Available in push-up, hand chain, hand-crank, or motor operation. For optional features see the motor operators section in this catalog.

MOTOR OPERATORS

Choice of Redi-Master™, Redi-Holst™, or Redi-Lift™ operators are available for Alpine's Conventional product lines. Please See Alpine's Motor Operator Page (<http://www.alpinedoors.com/products/optional-features/>)

ACCESS CONTROLS: Optional control stations are available as Push Button Control Station or Key Control Stations. Special Control Stations are also available, please consult factory. Please See Alpine's Access Controls Page (<http://www.alpinedoors.com/products/optional-features/obstruction-sensing/>)

LOCKING (Optional)

Option: Doors can be optionally equipped with padlockable slide locks for latching and locking the door on the coil side of the bottom bar. Electric Interlocks are recommended for motorized doors.

FINISH (EXO-SHIELD POWDER COATING)

Slats are prepared with a minimum galvanizing of G-60 (Interior) and G-90 (exterior). The hoods are galvanized and other exposed ferrous surfaces are prime painted. (Finish Options: phosphate, baked enamel or powder coated) Please See Alpine's Color Selection Page (<http://www.alpinedoors.com/standard-color-selection/>)

GALVANIZING (OPTION)

To be applied to guides, brackets, pipe shafts and gears in addition to that called for in the standard specifications. Applied where conditions of extreme or unusual atmospheric contamination is present. In accordance with ASTM-A123.