



Specifications – Industrial Protection System

Part 1-General

Aluminium side folding closure **Industrial Protection System** model as manufactured by DAGENDOR 1-800-301-0097.

1.01 Submittals

Submit manufacturer's product data, samples, specifications, shop drawings and installation instructions.

1.02 Exclusions

Work excluded. Preparation to receive closure including access panels and other structural, paint or trim work.

Part 2-Products

2.01 Manufacturer

Provide Industrial Protection System (IPS) as manufactured by DAGENDOR 1-800-301-0097.

2.02 Curtain

Top and bottom of curtain shall be framed by continuous 6" (152mm) by 2" (51mm) extruded aluminium interlocking hinged panels. 6" (152 mm) by $\frac{5}{8}$ " (16 mm) steel links shall be spaced apart by 12" (305 mm) long $\frac{1}{2}$ " (13 mm) dia. aluminium tubes. $\frac{5}{16}$ " (8 mm) aluminium vertical rods shall retain links and tubes, forming a staggered pattern. Closure shall be suspended from top track by aluminium rods connected to moulded nylon-tired ball bearing roller assemblies. The edges of the curtain shall be connected to 1 $\frac{1}{4}$ " (32mm) by 2 $\frac{1}{4}$ " (57mm) extruded aluminium vertical members. Intermediate members shall be incorporated into curtain at a 10'0" (305cm) spacing.

2.03 Locking options *(Please select locking system)*

A. Lead post *(choice of)*

A.1 Leading post complete with hook bolt controlled cylinder locks on one or both sides engaging into full height wall jamb (member no.1 and no.2)

or

A.2 Leading post complete with top and bottom locking bolts controlled by centre cylinder lock on one or both sides (member no.7)

B. Intermediate post (*choice of*)

B.1 Intermediate post complete with drop bolt engaging into dustproof floor socket and controlled by keyed cylinder lock on one side (member no.5)

or

B.2 Intermediate post complete with drop bolt engaging into dustproof floor socket and controlled by interior knob (member no.6)

or

B.3 Intermediate post can be a bi-parting member when grille needs to be separated into two sections and/or is more than 30'0" wide to ensure smooth operation (member no.3)

C. End post (*choice of*)

C.1 Floating end post, self-locking at floor and ceiling inside of pocket (member no.8)

or

C.2 End post complete with top and bottom locking bolts controlled by centre cylinder lock on one or both sides (member no.7)

or

C.3 End post complete with hook bolts controlled cylinder locks on one or both sides locking into full-height wall jamb on pocket door or wall (member no.1 and no.2)

or

C.4 Fixed back post permanently attached to building (member no.10)

or

C.5 End post c/w keyed cylinder lock, drop bolt, track stop, back plate (member no.11)

2.04 Track

Curtain will be hung from overhead track to be extruded aluminium 1 $\frac{3}{8}$ " (35mm) wide by 1 $\frac{1}{2}$ " (38mm) high. Curved track shall be supplied with a 10" (254mm) standard radius. Curves of 14" (356mm) or special radius are available on request.

2.05 Egress door

An egress door, as required by building codes in specific areas, shall be incorporated into closure curtain. Operable with interior thumb-turn and swinging outward to create a clear opening of 3'0" x 7'0" (915 mm x 2.14 mm).

2.06 Finish

Anodized: clear, gold or black with zinc coated steel horizontal links.

Duracron enamels: light bronze #26, medium bronze #28, dark bronze #40, black or white with zinc coated horizontal links.

Special color match on request.

2.07 Stacking

Depth of stacking is calculated as follows: 1¼" (32mm) per linear foot of closure + 3¼" (83mm) for each vertical member no.2,5,6,7,8,9,10,11,12, and 7½" (190mm) for no.3, 4.

2.08 Structural support and security

Support shall consist of steel tubing of an adequate dimension depending on applications. Steel tubing shall be suspended from above building structure by threaded steel rods at 6'0" (1.8288 m.) c/c and at every curve. Remaining space above grille system can be protected by the addition of a high resistance protection net having opening of .875 (2.2225 cm) x .875 (2.2225 cm).

Part 3-Installation

3.01 Inspection

Before proceeding, please make sure that the site is compliant with the following steps. If not, please contact your sales representative or our head office at 1-800-301-0097.

- A. Make sure that the site measurements (height, width, and configuration) correspond with the shop drawing(s).
- B. Verify that the bulkhead is strong enough to carry the closure without sagging, especially in the stacking area.
- C. Check that you have a clearance of 4½" on each side of centre line of track for the entire length of the closure, stacking included. Make sure there are no obstructions.
- D. Ensure that the depth of the stacking area is sufficient. The rule of thumb is 2" (51 mm) per linear foot of curtain (see section 2.07 for exact calculations).

3.02 Execution

- A. Install as per DAGENDOR's installation instructions in accordance with shop drawing(s).
- B. Verify that the installation is completed and that the closure is working smoothly.

Specifications are subject to change without notice.