**DURACOIL MODEL FF/SC/LC/F/FP**

**INTERIOR FACE MOUNT CRANK OPERATION.**

**DURACOIL**

Doors shall be rolling steel model Duracoil "Standard" (standard service door) as manufactured by Raynor Garage Doors.

Brackets—steel plates, min. 3/16"(4.8mm) thick, bolted to guides for mounting curtain and barrel assembly. Drive side bracket shall be fitted with a sealed ball bearing for long life.

Barrel—structural steel pipe, minimum 4-1/2"(114.3mm). 0.035"(0.9mm) wall, pr.KeyEvent removed and designed to limit maximum deflection, under load, to 0.03(0.76mm) per foot of span.

Spring counterbalance—The curtain shall be counterbalanced by means of oil tempered, helical tension springs. Grease packed and mounted on a single windowed steel tension shaft. Springs shall be designed to facilitate any counterbalance maintenance. Cast iron spring anchors shall transfer full spring loading to the barrel.

Hood—shall be 24 ga commercial quality hot-dipped galvanized steel. Hood to have rolled edges to promote rigidity.

Guides—structural steel angles, min. 3/16"(4.8mm) thick, top of guide angles flared and provided with 4 removable curtain stops.

Windload—20 lb./sq. ft. standard. Unless otherwise noted.

Crank—by means of gray iron reduction gears and 5/8" (15.9mm) square shaft down to a gear box with handle. Maximum pull 35 pounds. (Padlock by others.)

**MODEL FF/SC/LC**

Curtain—interlocking slats rolled from commercial quality hot-dipped galvanized (G-90) steel. Per ASTM A-653. Finish shall be a two coat baked on primer paint applied prior to rolling. Malleable iron galvanized endlocks fastened to alternate slats with two zinc plated steel rivets per slat. Eliminates lateral movement and prevents slats from sagging. Bottom of curtain shall be reinforced with two steel angles, minimum 2-1/2"x2-1/2"x1/4" (50.8mmx50.8mmx6.4mm). Single contact bottom astragal.

**MODEL IF**

Curtain—insulated. Interlocking slats rolled from commercial quality hot-dipped galvanized (G-90) steel. Per ASTM A-653. Each slat shall have a 3/4" (19.1mm) thick, polished foamboard core placed within the full length of the slat. Backing cover to be a 240A, hot-dipped galvanized steel. Finish shall be a two coat baked on primer paint applied prior to rolling. Malleable iron galvanized endlocks fastened to alternate slats with two zinc plated steel rivets per endlock. Eliminates lateral movement and prevents the slats from sagging. Bottom of curtain shall be reinforced with two steel angles, minimum 2-1/2"x2-1/2"x1/4" (50.8mmx50.8mmx6.4mm). The curtain "S" value is 1.0 (specifications reflect calculated characteristics of core material).

**MODEL FP**

Curtain—shall consist of interlocking flat slats rolled from hot-dipped galvanized (G-90) steel. Per ASTM A-653. Slats shall be punched with a series of holes across their entire length, providing 3% open area per square foot of door. Bottom of curtain shall be reinforced with two steel angles, minimum 2-1/2"x2-1/2"x1/4" (50.8mmx50.8mmx6.4mm). Single contact bottom astragal.

☐ Locking—slide bolt to engage guide with provision for padlock. (Padlock by others) Quantity required ☐

☐ Locking—five pin tumbler cylinder with lock bars to engage the guides. Quantity required ☐

☐ Lock—operative from interior only.

☐ Lock—operative from exterior only.

**DIM "B"**

**DIM "A"**

Additional 7" required for handle.

☐ Left hand drive (shown) ☐ Right hand drive

**ELEVATION**

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- **SLAT MODEL "FP"**
  - 25/32" (19.8mm)
  - 2.9/16" (55.1mm)

- **SLAT MODEL "SC"**
  - 17/32" (13.2mm)

- **SLAT MODEL "LC"**
  - 2.3/4" (59.8mm)

- **SLAT MODEL "IF"**
  - 25/32" (19.8mm)

- **SLAT MODEL "FP"**
  - 25/32" (19.8mm)

- **NEOPRENE FLOOR SEAL**

- **DIM "C"**

- **DIM "D"**

- **3" UPSET (76.2mm)**

- **OPEING HEIGHT**

**SECTION THRU—OPENING**

**OPENING WIDTH**

- [ ] WOOD JAMBS
- [ ] STEEL JAMBS
- [ ] MASONARY JAMBS
- [ ] BLOCK JAMBS

**E GUIDES**

- (NOT AVAILABLE ON BLOCK OR MASONARY JAMBS)

**Z GUIDES**

**GUIDE DETAIL**

**GUIDE SEAL**

**NEOPRENE FLOOR SEAL**

**RUBBER HOODRAFFLE**

**GUIDE BRUSH SEAL**

**LINTEL BRUSH SEAL**

**JOB:**

**DISTRIBUTOR:**

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**ARCHITECT:**

**NR:** 2901869