



# ALUMINUM ROLLING GRILLES

## MODEL 390



### HIGHLIGHTS

- Solid construction
- Torsion spring counterbalance
- 1" Aluminum Ribs
- 4" Poly-carbonate vision panels
- End to End Hinged Panels
- Tubular bottom bar
- Aluminum guides
- Track bolt covers
- Light weight design
- Anodized finishes
- Protects & Displays Merchandise

### SPECIFICATIONS



**Furnish** Rolling Polycarbonate Fullview Door, series 390 as manufactured by "ADT" complete with curtain, hood, guides, counterbalance and options as specified.

#### OPERATION

- manual
- chain hoist using gear reduction and hand chain
- removable hand crank using gear reduction
- internal or external industrial motors

**Curtain** shall be fabricated utilizing continuous 1-inch extruded aluminum reinforcing ribs extending the full width of the door. These ribs shall be uniformly spaced at intervals of either 4" or 2", interconnected by high-impact, clear polycarbonate panels to ensure structural integrity and visibility. The aluminum ribs will function as integrated hinges, providing flexible articulation between the polycarbonate sections, facilitating smooth operation during curtain movement.

The curtain assembly shall be secured using standard endlocks and windlocks to ensure precise alignment within the guides and to provide resistance against lateral and wind-induced forces. All exposed metal components, including but not limited to ribs, endlocks, and windlocks, shall be manufactured from corrosion-resistant aluminum, ensuring durability and longevity in various environmental conditions..

**Bottom bar** to be heavy duty 2" x 3" extruded aluminum tubular bottom bar. Designed to minimize deflection for large openings. Motorized grilles with locks require track mounted interlocks or a H operator with a lock sensor.

**Spring counterbalance** is to be housed in a steel pipe of the appropriate diameter and wall thickness as to support curtain.

Deflection shall be limited to a maximum of .03" per ft. of door width. Springs are to consist of helical torsion types designed to meet a 25% load factor. Safety factor allows for safe operation, ease of use, and longer spring life. Springs are to be grease packed and anchored, using a cast iron anchor, to a cold rolled steel inner shaft. Spring tension shall be fully adjustable from outside of end bracket plate. To insure smooth operation end bracket plates shall contain sealed ball bearings to minimize wear of pipe shaft.

**End bracket** plates shall consist of steel plate no less than 3/16" thick. Bracket plates are to house pipe shaft and counterbalance assembly. Shaft is attached to plate by sealed ball bearings fitted onto plate.

**Guides** shall consist of extruded aluminum. The guide depth shall be of a length adequate to provide for proper curtain penetration. Brush pile inserts at the throat of the guides to reduce noise and act as a wearing surface. Locking channels at the guide edge prevent grille from being forced out of the guide.

**Hoods** shall consist of a minimum of #24 gauge hot dipped galvanized steel with a baked on grey or bronze polyester enamel coating. Hoods are designed to protect and house counterbalance assembly. To prevent hood sag intermediate supports shall be furnished as required.

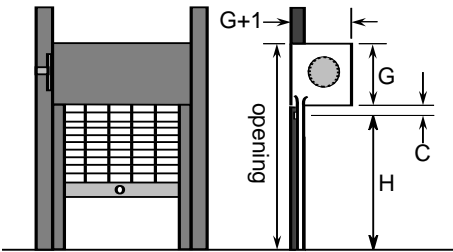
**Finish** all non-galvanized surfaces shall receive a shop coat of rust inhibiting primer. Aluminum to have natural mill, or optional clear anodized, or bronze anodized finish. Stainless steel to have #2b or #4 finish. Field painting not included in this section.

**Installation** to be by ADT or by an authorized dealer.

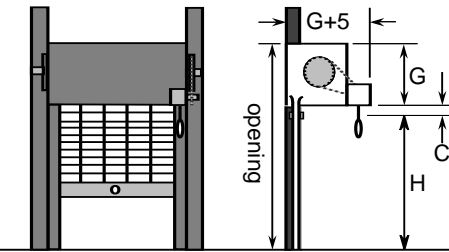
**Options** • Consult Factory •

# C L E A R A N C E   D E T A I L S   3 9 0   S E R I E S

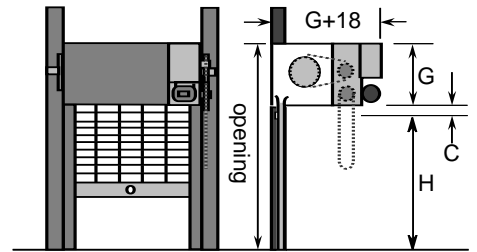
## MANUAL OPERATION



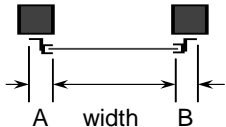
## CRANK / CHAIN OPERATION



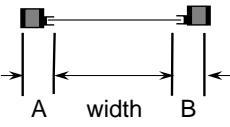
## MOTOR OPERATION



## FACE OF WALL

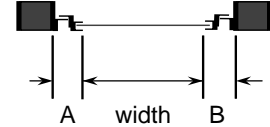


## TUBE



Note: add 1" to A & B when using 4x4 tubes, when over 20'

## BETWEEN THE JAMBS



Note: add 2" to B when using a chain hoist.

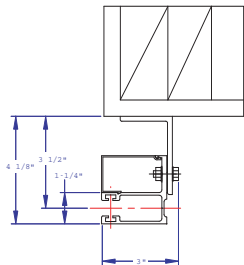
WIDTH	A	B	C
to 18'6"	6	6	6
18'6" to 24'6"	6.5	8.5	6
24'6" to 36'6"	7	9	6

HEIGHT	G
to 9'6"	16
9'6" to 11'6"	17
11'6" to 13'6"	18
13'6" to 16'6"	20
16'6" to 19'6"	22
19'6" to 22'6"	24

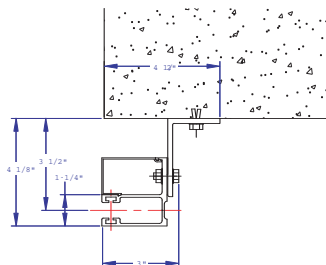
Where clearances are critical, dimensions can be reduced. Refer inquiries to our Engineering Department.

Self supporting structural steel tube members are supplied with ADT grilles when specified. Tubes permit the installation of grilles independent of adjacent construction. The tubes are anchored to the floor slab, and to steel beams or joists above.

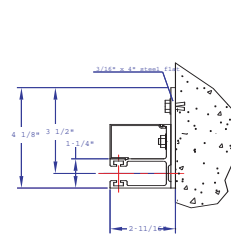
## E-MOUNT



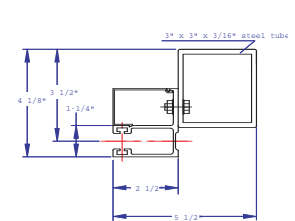
## Z-MOUNT



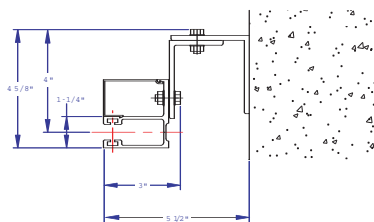
## BETWEEN THE JAMBS



## TUBE MOUNT



## BETWEEN THE JAMBS (CHAIN/MOTOR OPERATION)



## GRILLE FINISH

- MA** Mill finish aluminum
- CA** Clear Anodized
- BRA** Bronze Anodized
- BLA** Black Anodized
- SS** Stainless Steel

## PANIC RELEASE LEVER:

Model LD-02515 allows quick release of a rolling grille in the event of an emergency. Upon activation grille will open approximately half way. User then pushes the grille to the full open position. Panic releases can only be used in conjunction with, DJ, DHJ, OPERA HJ.



## OPERATORS



Models DJ, DHJ, HJ, UL listed, belt drive operator, horsepower as recommended by ADT. Provide open drip-proof motor, removable without affecting auxiliary hand chain operation or setting of limit switches; auxiliary hand chain operator interlock; UL listed thermal overload protection; rotary limit switches; transformer with 24 v control secondary; and all integral electrical components prewired to terminal blocks. Operator may have a built-in lock sensor to prevent damage to grille when bottom bar lock is engaged and a disengage device to allow the door to open in an emergency.

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