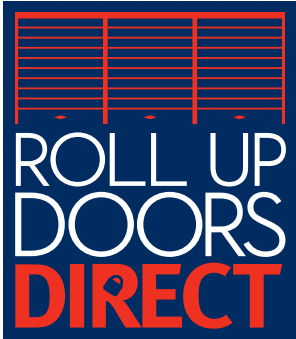
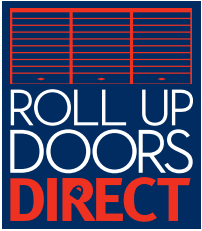


MD *Series*

MEDIUM DUTY SERVICE DOORS



superior product + recognized value



The Roll Up Doors Direct MD Series medium duty service door is a true crossover commercial system that successfully bridges the gap between sheet door cost and service door performance capabilities. Standard features of the MD Series are found only as options on most products in this category, setting it apart as a revolutionary closure where strength and value are primary concerns. You will discover that innovation and application are demonstrated perfectly in the MD Series.

Standard Features & Benefits:

- *Unique 12" OD barrel assembly provides superior deflection resistance and unequalled balance characteristics*
- *Prefinished 24 gauge galvanized steel curtain with a two-part baked-on finish paint system for maximum durability and corrosion resistance*
- *Interlocking roll-formed steel slats in your choice of curved (MD15) or flat (MD16) designs, which may be repaired or replaced with standard parts*
- *Curtains designed for openings up to 14' wide x 14' high*
- *Minimal headroom and side room requirements ensure greatest design efficiencies*
- *Weatherstripping available for MD16 doors as vinyl guide seal and rubber header seal*
- *Guide channels are heavy gauge, roll formed galvanized shapes suitable for windlocking in larger sizes and higher windload demands*
- *Bottom bar is an extruded aluminum shape that accepts most bottom astragals and electrical safety edges*
- *Bottom astragal is compressible loop-type and standard on all MD Series doors*
- *Zinc plated inside locking slide bolts may be padlocked are provided for each side of the curtain*
- *Chain hoist operation is standard to 80 square feet, with optional manual push-up or motor operation available for all sizes*
- *Optional hood enclosure is a prefinished, box shape that provides protection from debris and damage*
- *Comprehensive 1 year warranty is standard for all MD Series doors*
- *Nationwide network of dealers ensures professional installation and set-up*

MD Series Spec Data

Curtain: Prefinished galvanized steel constructed of interlocking slats roll-formed from 24 gauge steel. Curtain slats are staked or windlocked to prevent lateral movement. Slat profile available in choice of flat (MD16): 2.63 inches high by .66 inches deep, or curved (MD15): 1.97 inches high by .53 inches deep.

Curtain Windlocks: As required per design and windload requirements.

Bottom Bar: Mill finish aluminum extrusion with tubular compression style bottom astragal.

Barrel Assembly: Galvanized spiral wound 12 inch O.D. tube. Deflection under full load not to exceed 0.03 inches per foot of span supported by shielded bearings.

Springs: Stress relieved, permanently lubricated and mounted on steel torsion shafts, engineered for minimum 20,000 cycles.

Jamb Brackets: Triangulated and gusseted galvanized steel shapes mounting to structural jamb surface to support barrel and curtain assembly.

Tension Mechanism: Externally accessible for full range of curtain balance adjustment.

Hood: Optional. 24 gauge, box shaped prefinished steel to cover barrel and curtain assembly and protect from debris and damage.

Guides: Formed steel rectangular shapes for face mount to steel, gypsum, wood or masonry. Polyethylene guide runners mounted to guide contact surfaces provide a self-lubricating wear channel for curtain operation. Guide assembly includes removable curtain stops and flared guides.

Weatherstripping: Exterior vinyl blade guide seal, compression type bottom bar astragal and rubber header seal. Weatherstripping is optional.

Operation: Manual push-up, chain hoist (standard), or motor operation. Safety reversing systems, radio control systems and security stations are optional.

Locking: Two zinc plated steel slide bolt locks with padlock provisions, coil side.

Finish: Curtain slats and optional hood are hot-dipped galvanized, per ASTM A653, with baked-on epoxy primer and polyester finish coat. Available in bronze, grey, tan, galvalume, and white. Guides and jamb brackets are galvanized. Bottom bars are mill finish aluminum.

Warranty: Provide manufacturer's standard one year warranty from date of purchase against defects in materials and workmanship. Springs are warranted for one year from date of purchase.

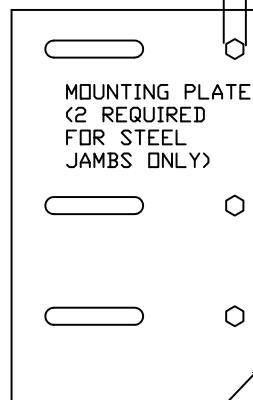
Installation: Roll Up Doors Direct Rolling Steel Doors are to be installed and adjusted according to factory installation instructions by trained door system technicians.

TABLE 1: Wall Fasteners for jamb attachment of Brackets and Guides

ITEM	JAMB	FASTENERS	DRILL SIZE
Brackets	Steel	3/8-16 x 1" HWH Type 23 Thd Cutting Screw Or 3/8-16 x 1 1/4" Hex Bolt and Nut	"5" (.348") 7/16"
	Concrete or Filled Block	3/8 " x 1 3/4" Powers Wedge-Bolt	Powers 01316
Guides without windlocks	Steel	1/4-14 x 1" TEKS Self Drilling Screw	None
	Concrete or Filled Block	1/4" x 1 3/4" Powers Wedge-Bolt	Powers 01314
Guides with windlocks	Steel	3/8-16 x 1" HWH Type 23 Thd Cutting Screw	"5" (.348")
	Concrete or Filled Block	3/8 " x 1 3/4" Powers Wedge-Bolt	Powers 01316

BOLT HEAD FLATS TO BE VERTICAL

MOUNTING PLATES TO BE LEVEL



10"

EDGE OF OPENING

TOP OF OPENING

**MOUNTING PLATE INSTALLATION
FIGURE 3**

MOUNTING PLATE EVEN WITH EDGE OF OPENING

SLAT WIDTH + 1 3/4"

SLAT WIDTH + 1 3/4"

(2 1/4")

(4 9/16")

**GUIDE INSTALLATION
FIGURE 4**

WITH WINDLOCKS

2 1/4"

W/O WINDLOCKS

2 1/8"

(2 5/8")

SLAT WIDTH + 5/8"

SLAT WIDTH + 5/8"

WITH WINDLOCKS

2 1/4"

W/O WINDLOCKS

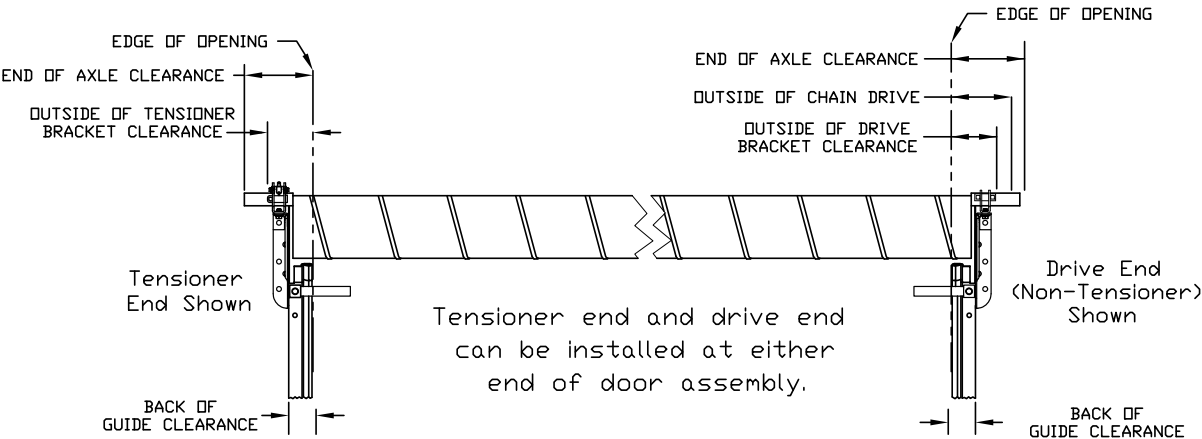
2 1/8"

(2 5/8")

CLEARANCE CHARTS
SIDE ROOM REQUIRED*
FIGURE 5

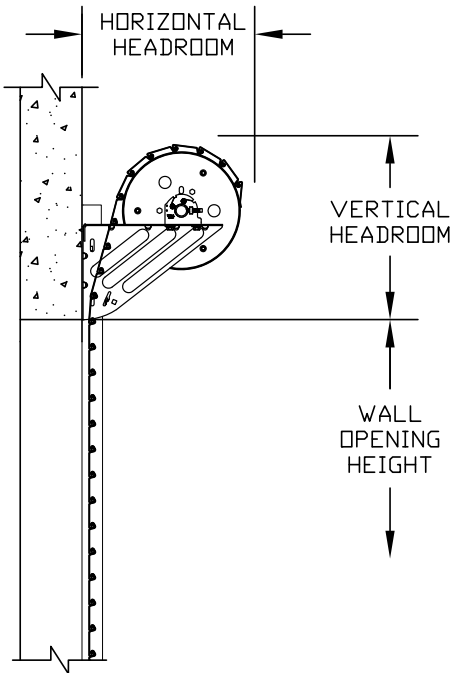
	OPERATION	BACK OF GUIDE	OUTSIDE OF BRACKET TENSIONER END	OUTSIDE OF BRACKET DRIVE END (NON-TENSIONER)	OUTSIDE OF HAND CHAIN DRIVE	EACH END OF AXLE
DOORS WITHOUT WINDLOCKS	Push-up	2 5/8"	4 1/4"	4 1/4"	—	7 1/8"
	Reduced Hand Chain	2 5/8"	4 1/4"	5"	6 1/2"	7 1/8"
	Electric	2 5/8"	4 1/4"	5 3/4"	—	7 1/8"
DOORS WITH WINDLOCKS MOUNTED TO STEEL JAMBS	Push-up	2 1/4"	3 7/8"	3 7/8"	—	6 3/4"
	Reduced Hand Chain	2 1/4"	3 7/8"	4 5/8"	6 1/8"	6 3/4"
	Electric	2 1/4"	3 7/8"	5 3/8"	—	6 3/4"
DOORS WITH WINDLOCKS MOUNTED TO CONCRETE AND FILLED BLOCK JAMBS	Push-up	4 5/8"	6 1/4"	6 1/4"	—	9 1/8"
	Reduced Hand Chain	4 5/8"	6 1/4"	7"	8 1/2"	9 1/8"
	Electric	4 5/8"	6 1/4"	7 3/4"	—	9 1/8"

*Dimensions are taken from edge of opening

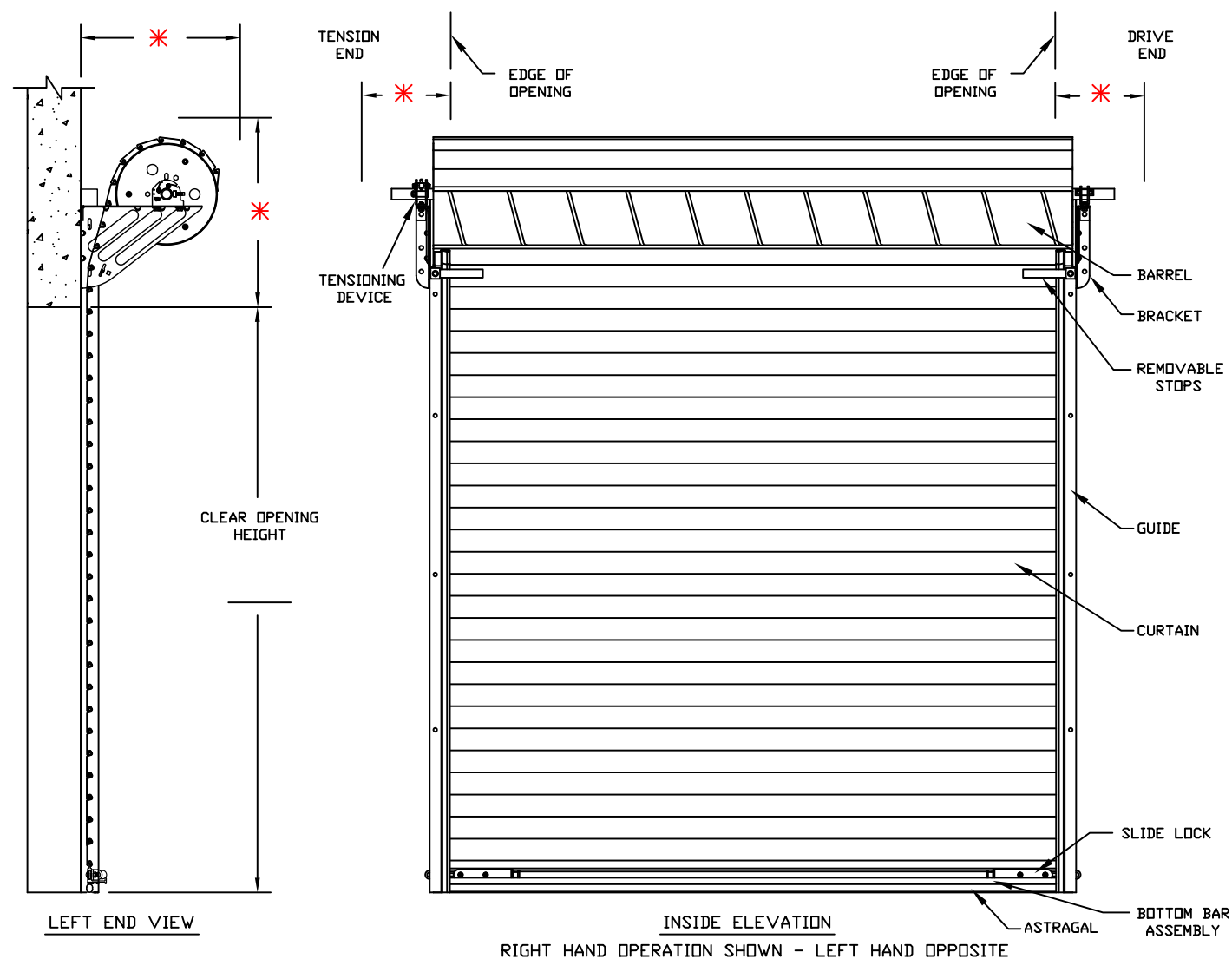


HEADROOM FOR SERIES MD15 AND MD16

OPENING HEIGHT	VERTICAL HEADROOM	HORIZONTAL HEADROOM
THRU 8'-0"	17"	19"
OVER 8'-0" THRU 10'-0"	19"	21"
OVER 10'-0" THRU 14'-0"	20"	22"
OVER 14'-0" THRU 16'-0"	21"	23"
OVER 16'-0" THRU 18'-0"	22"	24"
OVER 18'-0" THRU 20'-0"	23"	25"

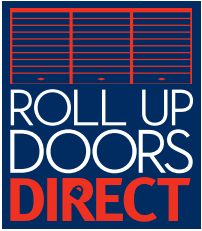


MD Series



TYPICAL STEEL JAMB MOUNT

* FOR ADDITIONAL JAMB TYPES, REFER TO PAGES 2 AND 3.
* IF HEADROOM OR SIDEROOM IS CRITICAL, CONSULT FACTORY.



Roll Up Doors Direct offers a complete line of commercial and industrial rolling steel doors, including medium duty service doors, full duty service doors, fire doors, fire shutters, counter shutters and grilles. Our doors are manufactured combining state-of-the-art equipment with time proven engineering standards to ensure the highest quality, reliability and customer satisfaction. Our warranties attest to our commitment to superior workmanship which stands behind each Janus commercial door product.

WARRANTY

The MD Series door and components is warranted to be free of defects in workmanship and material for one year. Please visit www.janusintl.com for full warranty details.



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revised 9/11

Tan, white, grey, bronze and galvalume are standard colors.