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DWG NO 7818A001

SHEET

REV G

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NEXT ASSEMBLY

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	BY	APPROVED
G	REMOVE FLEXIBLE TRACK NOTE	5764	11/13/2008	RJK	
E	ADD I-ZONE DIMENSIONS	4032	2/6/2003	RPB	
F	ADD METRIC DIMENSIONS	5466	8/17/2007	LIP	

MINIMUM 6" [153MM] REQ'D FOR TOP COVER INSTALLATION

D.O.W. PLUS 20 3/4" [527MM] FOR ONE-WAY BREAKAWAY
D.O.W. PLUS 10" [254MM] FOR TWO-WAY BREAKAWAY

ROLLER TUBE

6 1/2" [165MM] DRIVE SIDE ONLY (LEFT OR RIGHT) ADD'L 6" [153MM] REQ'D FOR ACCESS

14" [356MM]

24" [610MM] DRIVE SHROUD

CURTAIN REFEED GUIDES

MOTOR, BRAKE, GEARBOX ASSY. & ROTARY LIMIT

SPECIFICATIONS:

DOOR SIZE: MINIMUM SIZE: 5' [1524MM] WIDE x 7' [2134MM] HIGH
MAXIMUM SIZE: 12' [3657MM] WIDE x 14' [4267MM] HIGH

DOOR SPEED: OPENING: UP TO 40" [1016MM] PER SECOND
CLOSING: UP TO 40" [1016MM] PER SECOND

CURTAIN: PVC COATED 22oz. POLYESTER, STANDARD COLORS: BLUE, YELLOW, ORANGE, WHITE, RED AND GREEN. FULL WIDTH 18" [457MM] HIGH NON-REMOVABLE VISION IS STANDARD, ALL HEAT-SEAL CONSTRUCTION

SIDEFRAMES: FORMED 14 GA. STEEL WITH BLACK POLYURETHANE PAINT & BLACK CORRUGATED POLYETHYLENE COVERS. OPTIONAL PAINTED STEEL COVERS.

ROLLER TUBE: 4" [102MM] DIA. x 13 GA. STEEL TUBE MOUNTED ON TWO PRECISION SELF-ALIGNING FLANGE BEARINGS

DRIVE SYSTEM: SHAFT MOUNTED DIRECT DRIVE GEARBOX WITH INTEGRAL 1.0 HP 1650 RPM MOTOR AND BRAKE CONTROLLED BY A RITE-HITE

CONTROLS: PROGRAMMABLE LOGIC CONTROLLER. STANDARD CONTROLS ARE INTEGRAL TO SIDEFRAME AND INCLUDE E-STOP, OPEN/RESET, AND JOG PUSHBUTTONS. OPTIONAL SEPARATE CONTROL BOX WHICH MEETS NEMA 4X RATING. FLEXIBLE TRACK YIELDS TO RELEASE HORIZONTAL STABILIZERS UPON AN IMPACT. CURTAIN AUTOMATICALLY REFEEDS INTO THE GUIDES. TWO REFLECTIVE, REVERSING PHOTO-EYES PROVIDED AS STANDARD MOUNTED INSIDE THE SIDEFRAME.

BREAKAWAY SYSTEM: FLEXIBLE TRACK YIELDS TO RELEASE HORIZONTAL STABILIZERS UPON AN IMPACT. CURTAIN AUTOMATICALLY REFEEDS INTO THE GUIDES. TWO REFLECTIVE, REVERSING PHOTO-EYES PROVIDED AS STANDARD MOUNTED INSIDE THE SIDEFRAME.

SAFETY FEATURE: PHOTO-EYES INSIDE SIDEFRAME

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D.O.H. PLUS 20" [508MM]

18" [457MM]

57" [1448MM]

VISION PANEL

ELECTRICAL CONTROLS INSIDE SIDEFRAMES (18" [458MM] SIDE CLEARANCE REQ'D FOR PANEL ACCESS)

OPTIONAL CONTROL BOX 14" x 16" x 8" [256MM x 407MM x 204MM]

4 1/2" [115MM] I-ZONE™

39" [991MM]

16" [407MM]

DOOR OPENING HEIGHT

PHOTO-EYES INSIDE SIDEFRAME

HORIZONTAL STABILIZERS

FLEXIBLE TRACK TENSIONER

CURTAIN PANEL

TENSIONER GUARD

5" [127MM]

DOOR OPENING WIDTH

FLEXIBLE TRACK 5" [127MM] INTO OPENING (GUARD EXTENDS AN ADDITIONAL 3/8" [10MM] AT FLOOR)

TWO-WAY BREAKAWAY

DOOR OPENING WIDTH

ONE-WAY BREAKAWAY

ALLOW 6" [153MM] FOR SIDE COVER INSTALLATION 10 3/8" [264MM]

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ITEM	QTY	PART NO.	DESCRIPTION
PARTS LIST / MATERIAL			

INCH TOLERANCES			DO NOT SCALE DRAWING	
OVER	UP TO	+/-	DATE	MM-DD-YY
0	0.125	0.005	DRAWN BY	JKO
0.125	0.25	0.010	DATE	6/8/2000
0.25	1.25	0.020	CHECKED BY	
1.25	5	0.030	DATE	
5	15	0.040	APPROVED BY	
15	40	0.060	DATE	
40	80	0.100	INITIAL ECN	
80	-	0.125	DATE ISSUED	
ANGLES +/- 1 DEG			REF	
FINISH				

RITE-HITE® DOORS INC.

ARCHITECTURAL APPROVAL ROLL MODEL 8910

SIZE	MODEL NUMBER	DWG NO	REV
B	8910	7818A001	G

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