



Model C2400/C2400E Steel Overhead Doors

Standard Design Criteria

STANDARD STRUTTING* SCHEDULE

FINISHED DOOR WIDTH	FINISHED DOOR HEIGHT	STRUTS
UPTO 15' 11"	UP TO 14' 1"	NONE REQUIRED
16' 0" - 16' 2"	6' 1" - 10' 1"	(3) 2" U-BARS
	10' 3" - 14' 1"	(4) 2" U-BARS
16' 3" - 18' 2"	6' 1" - 8' 1"	(4) 2" U-BARS
	8' 3" - 11' 6"	(5) 2" U-BARS
	11' 9" - 12' 1"	(6) 2" U-BARS
	12' 3" - 14' 1"	(7) 2" U-BARS
SEE MODEL C24 FOR DOORS EXCEEDING 20' 2" WIDE		

*WAYNE-DALTON'S STANDARD COMMERCIAL PRODUCT SUBMITTED BASED ON DESIGN CRITERIA PROVIDED. MINIMUM WIND LOAD AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION OVER THE GEOGRAPHICAL LOCATION OF DOOR(S) INSTALLATION MAY REQUIRE ADDITIONAL DESIGN CONSIDERATION AND/OR CLEARANCES. CONSULT FACTORY IF SPECIFIC WIND LOAD REQUIREMENTS APPLY.

HIGH CYCLE TORSION ASSEMBLY
OPTIONAL UPGRADES

OPTION	DESCRIPTION
10,000 CYCLES	STANDARD MINIMUM CYCLES
25,000 CYCLES	SPRINGS ONLY THERMOSPAN 200 STANDARD THERMOSPAN 200-20
50,000 CYCLES (SPRINGS ONLY)	UP TO & INCLUDING 144 SQ. FT (MAY REQUIRE SOLID SHAFT UPGRADE)
100,000 CYCLES (SPRINGS ONLY)	UP TO & INCLUDING 144 SQ. FT (MAY REQUIRE SOLID SHAFT UPGRADE)
50,000 HIGH CYCLE DOOR SYSTEM	50,000 CYCLE SPRINGS END BRACKETS WITH FLANGE BEARINGS PRECISION 10 BALL ROLLERS 11 GAUGE END HINGES CHAIN TENSIONER (JACKSHAFT OPERATOR) SOLID SHAFT (UPGRADE IF APPLICABLE)
	100,000 CYCLE SPRINGS END BRACKETS WITH FLANGE BEARINGS PRECISION 10 BALL ROLLERS 11 GAUGE END HINGES CHAIN TENSIONER (JACKSHAFT OPERATOR) SOLID SHAFT (UPGRADE IF APPLICABLE)

PANEL & GLAZING SCHEDULE

FINISHED DOOR WIDTH	No. OF PANELS	MAX No. OF 24x6 LITES PER SECTION	MAX No. OF FULL VIEW SECTIONS	
			LIGHT GLAZING **	HEAVY GLAZING ***
7' 0" - 8' 3"	2	2	No. OF SECTIONS MINUS 1 *	No. OF SECTIONS MINUS 1 *
8' 4" - 9' 0"	3	1 (CENTER PANEL ONLY)		
9' 1" - 12' 3"	3	3		
12' 4" - 13' 0"	4	2 (CENTER PANELS ONLY)		
13' 1" - 14' 2"	4	4		
13' 3" - 16' 3"	4	4		2
16' 4" - 17' 0"	5	3 (CENTER PANELS ONLY)	3	2
17' 1" - 20' 2"	5	5	3	2
SEE MODEL C24 FOR DOORS EXCEEDING 20' 2" WIDE				

* NOT AVAILABLE IN LOCK SECTION (IF KEYED LOCK REQUIRED) OR IN BOTTOM SECTION.

** LIGHT GLAZING = 1/8" GLAZING OR 1/4" ACRYLIC & LEXAN

*** HEAVY GLAZING = 1/2" GLAZING OR 1/4" GLASS (DOUBLE END STILES REQUIRED)

SPECIAL APPLICATION
PRODUCTS & SERVICES AVAILABLE

ITEM	DESCRIPTION
PASS DOOR	SEE MODEL 220 FOR PASS DOOR
MANUAL CARRY-AWAY MULLION	EXTRUDED ALUMINUM DESIGN 10 FT. HIGH MAXIMUM; 2" TRACK ONLY 30-1/2" HEADROOM REQUIRED (STD. LIFT)
SWING-UP MULLION WITH MANUAL WINCH	EXTRUDED ALUMINUM DESIGN 18 FT. HIGH MAXIMUM DOOR & MULLION OVERLAPS HEADER 4" 2" TRACK - 34-1/2" HEADROOM REQUIRED 3" TRACK - 35-1/2" HEADROOM REQUIRED
OVERSIZED SECTIONAL OVERHEAD DOOR WIDTHS	CONSULT FACTORY FOR MODEL 2415 DOORS OVER 24'-2" WIDE
OBSTRUCTED OPERATING ZONE	SITE SPECIFIC DESIGN ENGINEERED TRACK SYSTEMS

SECTION HEIGHTS

FINISHED DOOR HEIGHT	SECTION STACK HEIGHT	No. OF 24" SECTIONS	No. OF 21" SECTIONS	No. OF 21" SECTIONS
6' 1"	6' 0"	3	0	
6' 4"	6' 3"	0		4
6' 7"	6' 6"	0	1	3
6' 9"	6' 8"	0	2	2
6' 11"	6' 10"	0	3	1
7' 1"	7' 0"	0	4	0
7' 4"	7' 3"	1	3	0
7' 7"	7' 6"	2	2	0
7' 10"	7' 9"	3	1	0
8' 1"	8' 0"	4	0	0
8' 4"	8' 3"	0	2	3
8' 8"	8' 7"	0	4	1
8' 10"	8' 9"	0	5	0
9' 1"	9' 0"	1	4	0
9' 4"	9' 3"	2	3	0
9' 7"	9' 6"	3	2	0
9' 10"	9' 9"	4	1	0
10' 1"	10' 0"	5	0	0
10' 4"	10' 3"	1	2	3
10' 7"	10' 6"	0	6	0
10' 10"	10' 9"	1	5	0
11' 1"	11' 0"	2	4	0
11' 4"	11' 3"	3	3	0
11' 7"	11' 6"	4	2	0
11' 10"	11' 9"	5	1	0
12' 1"	12' 0"	6	0	0
12' 4"	12' 3"	2	2	3
12' 7"	12' 6"	1	6	0
12' 10"	12' 9"	2	5	0
13' 1"	13' 0"	3	4	0
13' 4"	13' 3"	4	3	0
13' 7"	13' 6"	5	2	0
13' 10"	13' 9"	6	1	0
14' 1"	14' 0"	7	0	0
SEE MODEL C24 FOR DOORS OVER 14' 1" HIGH				