



Model C2400/C2400E Steel Overhead Doors Standard Design Criteria

STANDARD STRUTTING* SCHEDULE

FINISHED DOOR WIDT	FINISHED DOOR HEIGHT	STRUTS
UP TO 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

*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.

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		
8' 4" - 9' 0"	3	1 (CENTER PANEL ONLY)		No. OF SECTIONS MINUS 1 *
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)		2
17' 1" - 20' 2"	5	5		2

SEE MODEL C24 FOR DOORS EXCEEDING 20' 2" WIDE

* NOT AVAILABLE IN LOCK SECTION (IF KEYS 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

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 TO BALL ROLLERS 11 GAUGE END HINGES CHAIN TENSIONER (JACKSHAFT OPERATOR) SOLID SHAFT (UPGRADE IF APPLICABLE)
100,000 HIGH CYCLE DOOR SYSTEM	100,000 CYCLE SPRINGS END BRACKETS WITH FLANGE BEARINGS PRECISION TO BALL ROLLERS 11 GAUGE END HINGES CHAIN TENSIONER (JACKSHAFT OPERATOR) SOLID SHAFT (UPGRADE IF APPLICABLE)

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