



## Thermospan™ 200/200-20 Insulated Overhead Doors Standard Design Criteria

**THERMOSPAN™ 200  
STANDARD STRUTTING\* SCHEDULE**

FINISHED DOOR WIDTH	STRUTS
UP TO 20'-6"	NONE REQUIRED
20'-7" - 23'-6"	(1) 3" U-BAR PER SECTION
23'-7" - 26'-2"	(2) 3" U-BARS PER SECTION
CONSULT FACTORY FOR DOORS EXCEEDING 26'-2" WIDE	

**THERMOSPAN™ 200-20  
STANDARD STRUTTING\* SCHEDULE**

FINISHED DOOR WIDTH	STRUTS
UP TO 20'-2"	NONE REQUIRED
CONSULT FACTORY 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 HIGH CYCLE DOOR SYSTEM	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)

**THERMOSPAN™ 200  
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 ***
UP TO 9'-2"	2	2	No. OF SECTIONS MINUS 1 *	No. OF SECTIONS MINUS 1 *
9'-3" - 12'-2"	3	3		
12'-3" - 14'-2"	4	4	3	2
14'-3" - 16'-2"	4	4	3	2
16'-3" - 19'-2"	5	5	3	2
19'-3" - 20'-2"	6	6	2	1
20'-3" - 24'-2"	6	6	1	1
24'-3" - 26'-2"	7	7	1	1
CONSULT FACTORY FOR DOORS EXCEEDING 26'-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)

**THERMOSPAN™ 200-20  
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 ***
UP TO 9'-2"	2	2	No. OF SECTIONS MINUS 1 *	No. OF SECTIONS MINUS 1 *
9'-3" - 12'-2"	3	3		
12'-3" - 14'-2"	4	4	3	2
14'-3" - 16'-2"	4	4	3	2
16'-3" - 19'-2"	5	5	3	2
19'-3" - 20'-2"	6	6	3	2
CONSULT FACTORY 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	30" x 72" END PANEL PASS DOOR OPTIONAL 12x6 THERMOLITE STANDARD LIFT, 72" (MIN.) HIGH LIFT & VERTICAL LIFT CONSULT FACTORY FOR DOORS OVER 12'-2" WIDE
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	THERMOSPAN™ 200 PRODUCT AVAILABLE IN FINISHED DOOR WIDTHS UP TO 40'-2".
OBSTRUCTED OPERATING ZONE	SITE SPECIFIC DESIGN ENGINEERED TRACK SYSTEMS

**THERMOSPAN™ 200 & 200-20  
SECTION HEIGHTS**

FINISHED DOOR HEIGHT	SECTION STACK HEIGHT	No. OF 24" SECTIONS	No. OF 20.8" SECTIONS
5' 3"	5' 2.4"	0	3
5' 6"	5' 5.6"	1	2
5' 9"	5' 8.8"	2	1
6' 1"	6' 0"	3	0
7' 0"	6' 11.2"	0	4
7' 3"	7' 2.4"	1	3
7' 6"	7' 5.6"	2	2
7' 9"	7' 8.8"	3	1
8' 1"	8' 0"	4	0
8' 8"	8' 8"	0	5
9' 0"	8' 11.2"	1	4
9' 3"	9' 2.4"	2	3
9' 6"	9' 5.6"	3	2
9' 9"	9' 8.8"	4	1
10' 1"	10' 0"	5	0
10' 5"	10' 4.8"	0	6
10' 8"	10' 8"	1	5
11' 0"	10' 11.2"	2	4
11' 3"	11' 2.4"	3	3
11' 6"	11' 5.6"	4	2
11' 9"	11' 8.8"	5	1
12' 1"	12' 0"	6	0
12' 2"	12' 1.6"	0	7
12' 5"	12' 4.8"	1	6
12' 8"	12' 8"	2	5
13' 0"	12' 11.2"	3	4
13' 3"	13' 2.4"	4	3
13' 6"	13' 5.6"	5	2
13' 9"	13' 8.8"	6	1
14' 1"	14' 0"	7	0
14' 2"	14' 1.6"	1	7
14' 5"	14' 4.8"	2	6
14' 8"	14' 8"	3	5
15' 0"	14' 11.2"	4	4
15' 3"	15' 2.4"	5	3
15' 6"	15' 5.6"	6	2
15' 9"	15' 8.8"	7	1
16' 1"	16' 0"	8	0
CONSULT FACTORY FOR THERMOSPAN™ 200-20 OVER 16' HIGH			
16' 2"	16' 1.6"	2	7
16' 5"	16' 4.8"	3	6
16' 8"	16' 8"	4	5
17' 0"	16' 11.2"	5	4
17' 3"	17' 2.4"	6	3
17' 6"	17' 5.6"	7	2
17' 9"	17' 8.8"	8	1
18' 1"	18' 0"	9	0
CONSULT FACTORY FOR THERMOSPAN™ 200 OVER 18' HIGH			