

MODEL #: 3220

SECTION TYPE:
TONGUE & GROOVE

VINYL TOP SEAL:
 YES (OPTION)
 NO

SILICONE THERMAL BREAK:

**EXPANDED POLY-
STYRENE INSULATION:**
R=9.1

SKIN MATERIAL:
20 GA. PRE-PAINTED FLUSH EXTERIOR
27 GA. PRE-PAINTED WHITE INTERIOR FLUSH

REINFORCING STRUTS:

SEE TABLE #4
 NONE
 2 1/4" STRUT
 3" STRUT
 4" C-CHANNEL

AIRCRAFT CABLE:
7:1 SAFETY FACTOR

BOTTOM ASTRAGAL:

3 1/2" (STANDARD)
 7" (OPTIONAL)

2 1/8"

**STEEL BALL
BEARING ROLLER:**

END STILES: (PRE-PAINTED)

18 GA. SINGLE END STILES
(THRU 14'2" WIDE)
 16 GA. DOUBLE END STILES
(OVER 14'2" WIDE)

CENTER HINGE:
14 GA.

TYP.
SECTION

TYP.
PANEL

BOTTOM BRACKET:
12 GA. MIN.

DOOR WIDTH

TOP BRACKET:
12 GA.

ROLLER HINGE:
14 GA. MIN.

DOOR HEIGHT

EXTERIOR COLOR:

WHITE
 BROWN

LOCK:

#2 END STILE
 #7 CYLINDER LOCK -
NOT AVAILABLE IN
FULL-VISION SECTION
 NONE

EXHAUST PORT:

LEFT
 RIGHT
 CENTER
 NONE

STEP
PLATE

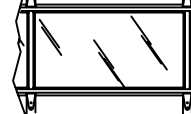
**GLAZING
OPTIONS:**
SEE TABLE #3

24" x 8"
 24" x 12"
 SOLID
 FULL VISION

FULL-VISION GLAZING:

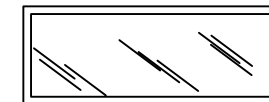
1/8" DSB
 1/8" PLEXIGLASS
 1/4" TEMPERED
 1/2" INSULATED
 1/2" INSULATED TEMPERED

**FULL-VISION SECTIONS
(THRU 20'2" WIDE)**



*WHITE, BROWN,
AND CLEAR ONLY.

NOTE: FULL-VISION SECTION AVAILABLE
FOR ALL SECTION EXCEPT BOTTOM



WINDOW FRAME CONSIST OF
AN EXTERIOR FRAME AND AN
INTERIOR RETAINER, MADE OF
CELLULAR PVC EXTRUSIONS

GLAZING OPTIONS:

SOLID-NO GLAZING
 1 1/16" INSULATED
 1 1/16" INSULATED
TEMPERED



CUST:
JOB:
ARCH:
CONT:

MODEL #:
DOOR WIDTH:
DOOR HEIGHT:

QTY:
OF SECTIONS HIGH
(SEE TABLE #1)
OF PANELS WIDE
(SEE TABLE #2)

SECTIONS TO GLAZE:
PANELS TO GLAZE:

SHEET 'M-5R'
DATE: _____
BID #: _____
PAGE ____ of ____

MODEL # 3220

**TABLE #1
SECTION CHART**

DOOR HEIGHT	NUMBER OF SECTIONS
6'0"	3
6'3" - 8'0"	4
8'3" - 10'0"	5
10'3" - 12'0"	6
12'3" - 14'0"	7
14'3" - 16'0"	8
16'3" - 18'0"	9
18'3" - 20'0"	10
20'3" - 24'0"	11
24'3" - 26'0"	12

NOTE: DOOR HEIGHT IS AVAILABLE IN 3" INCREMENTS

**TABLE #2
PANEL CHART**

DOOR WIDTH	NUMBER OF PANELS
7'0" - 9'2"	2
9'4" - 13'2"	3
13'4" - 16'2"	4
16'4" - 20'2"	5
20'4" - 24'2"	6
24'4" - 26'2"	7

NOTE: DOOR WIDTH IS AVAILABLE IN 2" INCREMENTS

**TABLE #3
LITE AVAILABILITY CHART**

WINDOW SIZE	DOOR WIDTH	LITES PER SECTION
24" x 8"	7'0" - 9'2"	2
	9'4" - 13'2"	3
	13'4" - 16'2"	4
	16'4" - 20'2"	5
	20'4" - 24'2"	6
	24'3" - 26'2"	7
24" x 12"	7'0" - 9'2"	2
	9'4" - 13'2"	3
	13'4" - 16'2"	4

MAX ALLOWABLE WINDOW SECTIONS PER DOOR
24 X 12 = 4 SECTIONS

**TABLE #4B
REINFORCEMENT CHART**

DOOR WIDTH	DOOR HEIGHT					
	UP to 8'	8'3" to 10'3"	10'3" to 14'	14'3" to 18'	18'3" to 22'	22'3" to 26'
UP TO 15'2"	NONE	NONE	NONE	NONE	NONE	NONE
15'4"- 17'2"	(3) 2-1/4" Struts per Door	(3) 2-1/4" Struts per Door	(4) 2-1/4" Struts per Door	(5) 2-1/4" Struts per Door	(6) 2-1/4" Struts per Door	(7) 2-1/4" Struts per Door
17'4"- 18'2"	(3) 2-1/4" Struts per Door	(1) 2-1/4" Strut per sec	(1) 2-1/4" Strut per sec	(1) 2-1/4" Strut per sec	(1) 2-1/4" Strut per sec w/(2) on bottom sec	(1) 2-1/4" Strut per sec w/(2) on bottom sec
18'4"- 23'2"	(1) 3" Strut per sec	(1) 3" Strut per sec	(1) 3" Strut per sec	(1) 3" Strut per sec	(1) 3" Strut per sec w/(2) on bottom sec	(1) 3" Strut per sec w/(2) on bottom sec
23'4"- 26'2"	(1) 4" CC per sec	(1) 4" CC per sec	(1) 4" CC per sec	(1) 4" CC per sec	(1) 4" CC per sec	(1) 4" CC per sec
26'4"- 28'2"	(1) 6" CC per sec	(1) 6" CC per sec	(1) 6" CC per sec	(1) 6" CC per sec	(1) 6" CC per sec	(1) 6" CC per sec

* FOR FULL VISION SECTION REINFORCEMENT SEE MODEL 903.
* CC = C-CHANNEL