





*Frame not included (for illustration purposes only) Wand operator shown

Available with:



The ViuLite® SL20A insulating glass units are manufactured in accordance with high technical specifications and production standards. The slat tilting only function is achieved using rotational magnetic transmission through the glass thereby guaranteeing the unit's hermetic seal.

Slat

Aluminum, AA 6011-T8 alloy. Dimensions: width 1/2" (12.5mm), thickness 0.2mm. High-resistance polyester paint. The slats have a special treatment designed to eliminate possible emissions of chemical products inside the insulated glass unit, when exposed to ultraviolet and heat radiation i.e. non-fogging.

Internal cords

Thermofixed 100% polyester with internal core and excellent dimensional stability.



VIULITE® SL20A KNOB

OPERATOR:	KNOB - (MOUNTED ON TOP RAIL) (ALSO AVAILABLE ON BOTH SIDES;	VIULITE® PANELS REQUIRED FOR FEASIBILITY CHARTS, PLEASE REFER TO VL 1.7
	CONTACT UNICEL ARCHITECTURAL FOR MORE INFORMATION	GLASS SIZE
SLAT OPERATION:	TILT-ONLY	QTY WIDTH HEIGHT
AIR SPACE:	27/32" (21.4mm) ARGON AIR	
SLAT WIDTH:	1/2" (12.5mm)	
SLAT COLOR:	 S102 WHITE S157 SILVER S125 BEIGE 	
SPACER:	WARM-EDGE; BLACK RAL9005	
OPERATOR COLOR:	☐ WHITE ☐ LIGHT GRAY	
INTERIOR GLASS:		
EXTERIOR GLASS:		FRAMES MUST BE SQUARE, PLUMB AND LEVEL
*	GLASS WIDTH	
MIN	CLEARANCE 6.4mm REQUIRED 1/4"	43mm 21.4mm 27/32"
19mm 101.		19mm 3/4"
PROJECT:	1 13/3	29.2mm 1" 19mm 3/4"
ARCHITECT:		
CLIENT:		-
JOB SITE:		SIGNATURE:
DATE:		DATE:

Unicel Architectural Corp. 2155 Fernand-Lafontaine Longueuil • Québec • J4G 2J4 • Canada



VL 1.2



VIULITE® SL20A CORD

LODEDATOR	0000	
OPERATOR:	CORD	VIULITE® PANELS REQUIRED FOR FEASIBILITY CHARTS, PLEASE REFER TO VL 1.7
SLAT OPERATION:	TILT-ONLY	GLASS SIZE
AIR SPACE:	27/32" (21.4mm) ARGON AIR	QTY WIDTH HEIGHT CORD LENGTH
SLAT WIDTH:	1/2" (12.5mm)	
SLAT COLOR:	☐ S102 WHITE ☐ S157 SILVER ☐ S125 BEIGE	
SPACER:	WARM-EDGE; BLACK RAL9005	
OPERATOR COLOR:	□ WHITE□ LIGHT GRAY□ TRANSPARENT	
INTERIOR GLASS:		
EXTERIOR GLASS:		FRAMES MUST BE SQUARE, PLUMB AND LEVEL
*		
101.6 19mm 3/4"		36mm 113/32" BLACK SILICONE BLACK SILICONE 8mm 19mm 19mm 19mm 19mm 19mm 19mm 19mm
PROJECT:		19mm 3/4"
CLIENT: JOB SITE:		SIGNATURE:

DATE:

Unicel Architectural Corp. 2155 Fernand-Lafontaine Longueuil • Québec • J4G 2J4 • Canada

DATE:



VIULITE[®] SL20A WAND

OPERATOR:	WAND (ALSO AVAILABLE ON BOTH SIDES; CONTACT UNICEL ARCHITECTURAL FOR MORE INFORMATION)		VIULITE® P	ANELS REQUI	
SLAT OPERATION:	TILT-ONLY	QTY	GLASS		WAND LENGTH
AIR SPACE:	27/32" (21.4mm) ☐ ARGON ☐ AIR	QII	WIDTH	HEIGHT	WAND LENGTH
SLAT WIDTH:	1/2" (12.5mm)				
SLAT COLOR:	S102 WHITE				
	☐ S157 SILVER ☐ S125 BEIGE				
SPACER:	WARM-EDGE; BLACK RAL9005				
OPERATOR COLOR:	TRANSPARENT				
INTERIOR GLASS:					
EVTEDIOD CLASS.					
EXTERIOR GLASS:			FRAMES MUST BE	SQUARE, PLUMB A	ND LEVEL
*	GLASS WIDTH —				ر پ 21.4mm
MIN.	CLEARANCE 6.4mm REQUIRED 1/4"	31.8		19mm 3/4"	27/32" 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
19mm 101.6 4"	MM SETTING BLOCK L/4 101.6i BY OTHERS 4" EXTERIOR GLASS	mm	1/4" RE WAF	RM-EDGE	
ARCHITECT:			OLONIATURE.		•
JOB SITE:			SIGNATURE: DATE:		

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VL 1.4



VIULITE[®] SL20A EXTERNAL MOTOR

OPERATOR: SLAT OPERATION:	EXTERNAL MOTOR (WIRING EXCLUDED) TILT-ONLY		JLITE® PANELS REQUIRED SIBILITY CHARTS, PLEASE REFER TO VL 1.7
AIR SPACE:	27/32" (21.4mm) ☐ ARGON ☐ AIR		GLASS SIZE
SLAT WIDTH:	1/2" (12.5mm)	QTY	WIDTH HEIGHT
SLAT COLOR:	☐ S102 WHITE ☐ S157 SILVER		
	☐ S125 BEIGE		
SPACER:	WARM-EDGE; BLACK RAL9005		
MOTOR COLOR:	☐ WHITE ☐ LIGHT GRAY		
ELECTRICAL	CONTROL BOXES:		
ACCESSORIES:	SWITCHES:		
(REFER TO VL 1.7, 1.8, 1.9, 1.10 AND 1.11)	CONTROL BOXES WITH RADIO RECEIVER:		
	→ REMOTE CONTROLS: ☐ WHITE ☐ GRAY POWER SUPPLIES:		
	7		
INTERIOR GLASS:			
EVITEDIOD OLAGO			
EXTERIOR GLASS:		FRAMES	S MUST BE SQUARE, PLUMB AND LEVEL
1	——————————————————————————————————————	KTERNAL	MOTOR 21.4mm
	建石 	VILIVIAL	MOTOR
<u> </u>	MREREURIB 1/4" 5 11/32" 5 11/32"		1 1 9/16" 1
			38mm 113/32"
			37.3mm 1 15/32"
<u> </u>			115
년 I		6.4mm I	
H			IIN. CLEARANCE
GLASS HEIGHT			DM 5005
9			ACER
		— BLA	ACK SILICONE
			 -
			19mm 3/4" 12.7mm 1/2" 20IRED
			19mm 3/4" 3/4" 12.7mm 112.7mm 17PI CAL BITE REQUIRED
101.6r	nm SETTING BLOCK L/4 101.6mm		8mm 11mm 5/16" 7/16"
19mm	BY OTHERS 4	19mm 3/4"	
	EXTERIOR GLASS		
		}	
	INTERIOR GLASS		\
		5mm 9/32"	
		0/02	
PROJECT:		/TEDNIAL	19mm
ARCHITECT:		KTERNAL	MOTOR * 3/4" *
CLIENT:			
	CIONATII	DE.	
JOB SITE:		NE:	
DATE:	DATE:		

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VIULITE®

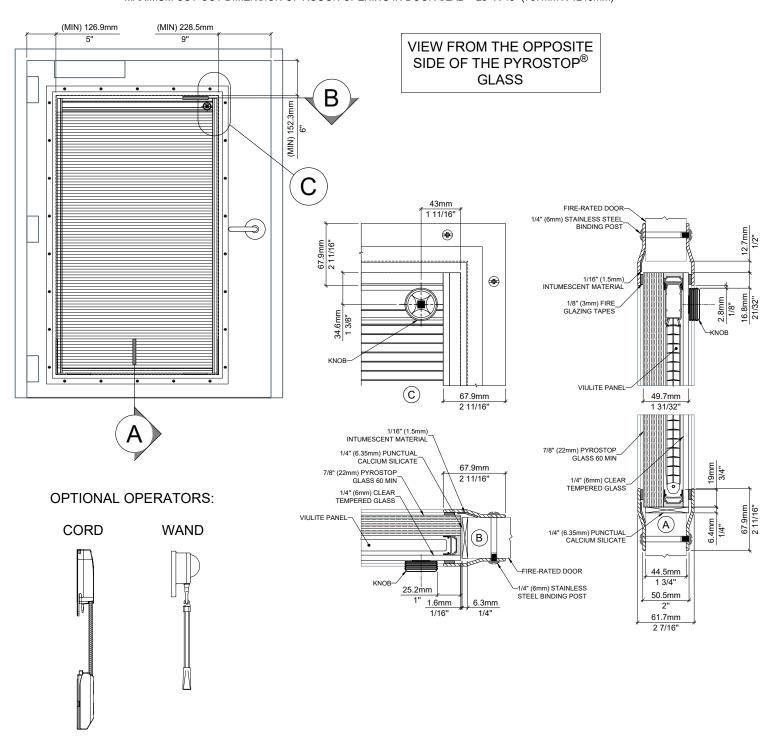


VIULITE[®] SL20A 45 MIN. FIRE-RATED DOOR

OPERABLE ON ONE SIDE

VIULITE® FURNISHED FACTORY-GLAZED IN UNICEL ARCHITECTURAL'S FIRE-RATED STEEL TRIMS (45 MIN. UL / 60 MIN. BS)

MAXIMUM CUT-OUT DIMENSION OF ROUGH OPENING IN DOOR SLAB = 29" X 48" (737mm X 1219mm)

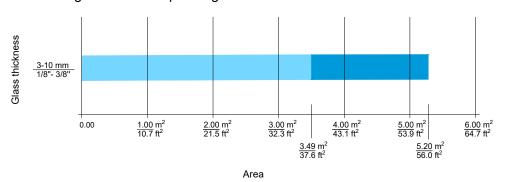








Maximum glass area on operating side:



Blinds can only be tilted with locked bottom rail.

Blinds can only be tilted but will be delivered completely raised (temporarily, for transportation purposes).

Possible dimensions*:

Minimum Width = 8 5/8" (219mm)	Maximum Width = 78 3/4" (2000mm)
Minimum Height = 8 5/8" (219mm)	Maximum Height = 102 3/8" (2600mm)

^{*} If required size is outside of feasibility range, please contact Unicel Architectural for special arrangements.

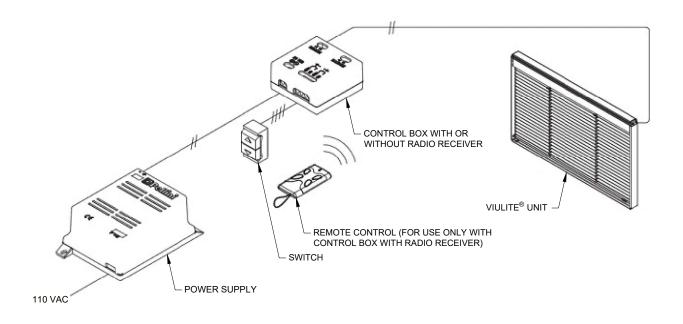


T: 800.668.1580 | 450.670.6844 • F: 866.496.2628 | 450.670.7144 E: unicel@unicelarchitectural.com • www.unicelarchitectural.com



VIULITE® SL20A SINGLE UNIT CONTROL

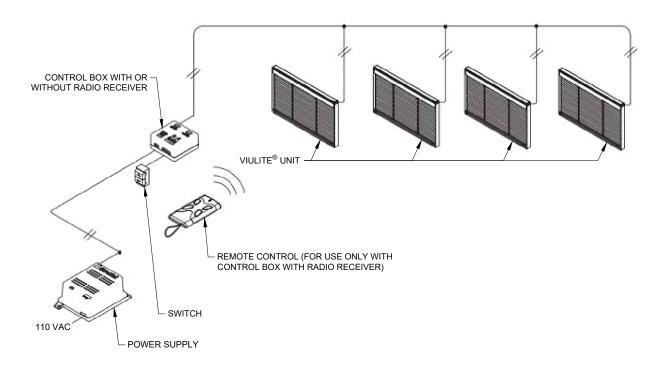
INDEPENDENT UNIT







1 GROUP OF UP TO 4 UNITS

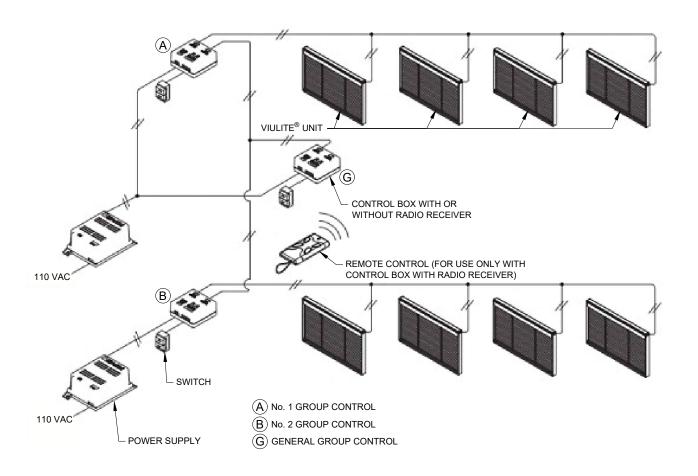


VIULITE®





1 MASTER CONTROL + X SUB GROUPS

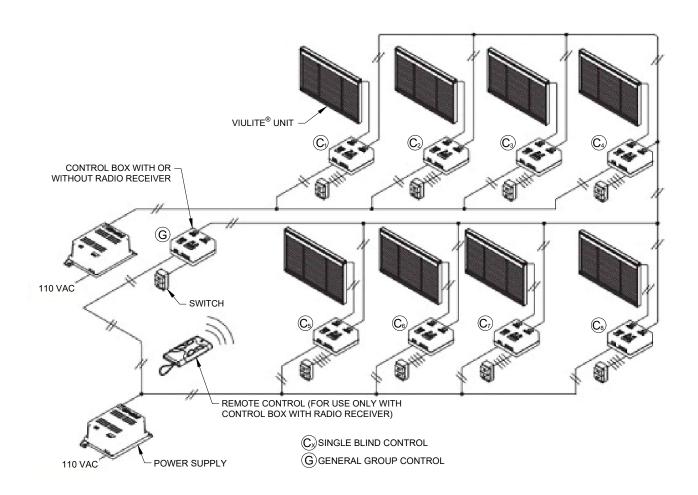








1 MASTER CONTROL + X INDIVIDUAL CONTROLS

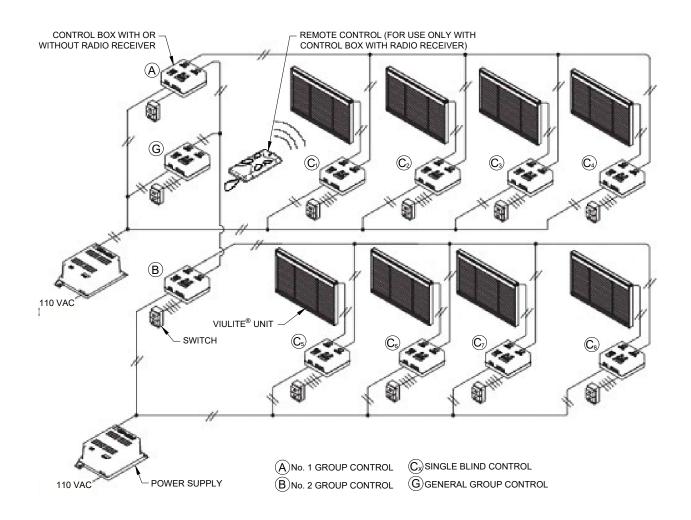








1 MASTER CONTROL + X GROUP + X INDIVIDUAL CONTROLS











*Frame not included (for illustration purposes only) Cord operator shown

Available with:

External Motor



Cord



The ViuLite[®] SL20C insulating glass units are manufactured in accordance with high technical specifications and production standards. The slat <u>tilting</u>, <u>raising</u> <u>and</u> <u>lowering</u> functions are achieved using rotational magnetic transmission through the glass thereby guaranteeing the unit's hermetic seal.

Slat

Aluminum, AA 6011-T8 alloy. Dimensions: width 1/2" (12.5mm), thickness 0.2mm. High-resistance polyester paint. The slats have a special treatment designed to eliminate possible emissions of chemical products inside the insulated glass unit, when exposed to ultraviolet and heat radiation i.e. non-fogging.

Internal cords

Thermofixed 100% polyester with internal core and excellent dimensional stability.



VIULITE® SL20C CORD

OPERATOR:	CORD	VIULITE® PANELS REQUIRED FOR FEASIBILITY CHARTS, PLEASE REFER TO VL 2.5
SLAT OPERATION:	TILT AND RAISE	GLASS SIZE
AIR SPACE:	27/32" (21.4mm) ARGON AIR	QTY WIDTH HEIGHT CORD LENGTH
SLAT WIDTH:	1/2" (12.5mm)	
SLAT COLOR:	☐ S102 WHITE ☐ S157 SILVER ☐ S125 BEIGE	
SPACER:	WARM-EDGE; BLACK RAL9005	
OPERATOR COLOR:	□ WHITE□ LIGHT GRAY□ TRANSPARENT	
INTERIOR GLASS:		
EXTERIOR GLASS:		
		FRAMES MUST BE SQUARE, PLUMB AND LEVEL
OLASS HEIGHT	RANCE 6.4mm UIRED 1/4"	36mm 27/32" 21.4mm 27/32" 21.4
19mm 4" 3/4" PROJECT:	SETTING BLOCK L/4 101.6 BY OTHERS 4" EXTERIOR GLASS	19mm 3/4" 7/16" 7/16" 19mm 3/4"
ARCHITECT:		
JOB SITE:		SIGNATURE:

DATE:

Unicel Architectural Corp. 2155 Fernand-Lafontaine Longueuil • Québec • J4G 2J4 • Canada

DATE:



VIULITE® SL20C EXTERNAL MOTOR

OPERATOR:	EXTERNAL MOTOR (WIRING EXCLUDED)			
SLAT OPERATION:	TILT AND RAISE	FOF	VIULITE® PANELS R FEASIBILITY CHARTS, PL	
AIR SPACE:	27/32" (21.4mm) ARGON AIR			SS SIZE
SLAT WIDTH:	1/2" (12.5mm)	Q	TY WIDTH	HEIGHT
SLAT COLOR:	S102 WHITE S157 SILVER			
	S125 BEIGE			
SPACER:	WARM-EDGE; BLACK RAL9005			
MOTOR COLOR:	WHITE			
EL EGEDIOAL	LIGHT GRAY			+
ELECTRICAL ACCESSORIES:	CONTROL BOXES: →SWITCHES:			
(REFER TO VL 2.5, 2.6, 2.7, 2.8 AND 2.9)	CONTROL BOXES WITH RADIO RECEIVER: QTY	DEN		
2.0 AND 2.9)	─→REMOTE CONTROLS: ☐ WHITE ☐ GRAY			
	POWER SUPPLIES:			
INTERIOR OF ACC				
INTERIOR GLASS:				
EXTERIOR GLASS:				
		FRA	AMES MUST BE SQUARE	E, PLUMB AND LEVEL
<u>*</u>	GLASS WIDTH-	×		
1		EXTER	NAL MOTOR	21.4mm
MIN.	CLEARANCE 6.4mm 135.8mm REQUIRED 1/4" 5 11/32"	4	3/4" HOLOK	27/32" E 2/36 40mm 45/6
	11. de l'al 2011 de la 11.		<u></u>	1 1 9/16"
				36mm 113/32"
			nm 32"	
			37.3mm 1.15/32"	
<u> </u>			ω <i>←</i>	
			MIN. CLEARANCE	
GLASS HEIGHT		1 1/4	" REQUIRED	
GLA			- WARM-EDGE	
			SPACER - BLACK SILICONE	
		-	- BLACK SILICOINE	
			ε ₌	12.7mm 1/2" TYPICAL BITE REQUIRED
		1	19mm 3/4"	12.7mm 1/2" PICAL BIT
			†	
			 	
101.6	mm SETTING BLOCK L/4 101.6mm		8mm 5/16"	11mm 1 7/16"
19mm 4"	BY OTHERS * 4"	19mm	- 3/10	,,,,,,
0/-	EXTERIOR GLASS			
	ė ė (/	(
\sigma	INTERIOR GLASS			
	INTERIOR GEAGG	15mm		/ اليا
		19/32"		-
PROJECT:		EXTER		<u>mm</u> /4"
ARCHITECT:				· · · · · · · · · · · · · · · · · · ·
CLIENT:				
JOB SITE:		GNATURE:		
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VL 2.3

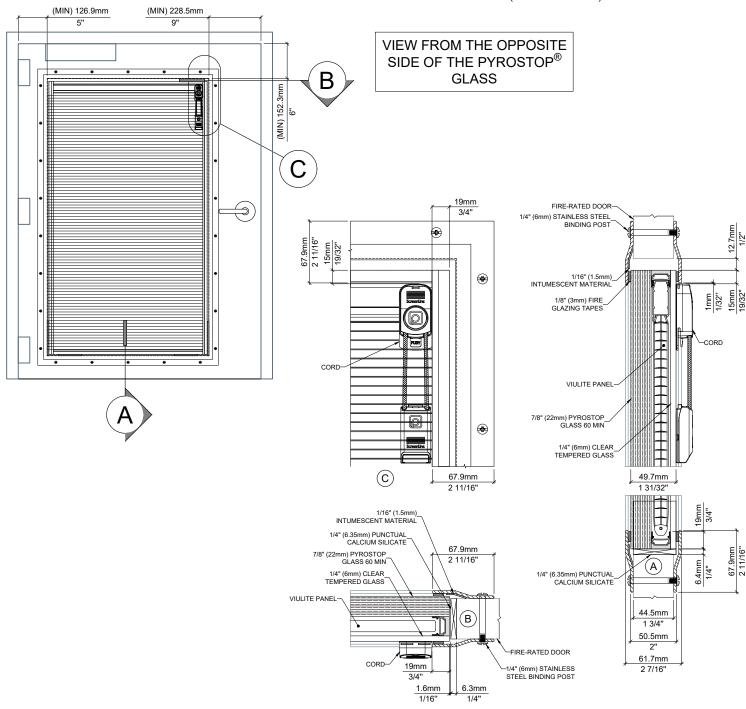


VIULITE® SL20C 45 MIN. FIRE-RATED DOOR

OPERABLE ON ONE SIDE

VIULITE® FURNISHED FACTORY-GLAZED IN UNICEL ARCHITECTURAL'S FIRE-RATED STEEL TRIMS (45 MIN. UL / 60 MIN. BS)

MAXIMUM CUT-OUT DIMENSION OF ROUGH OPENING IN DOOR SLAB = 29" X 48" (737mm X 1219mm)

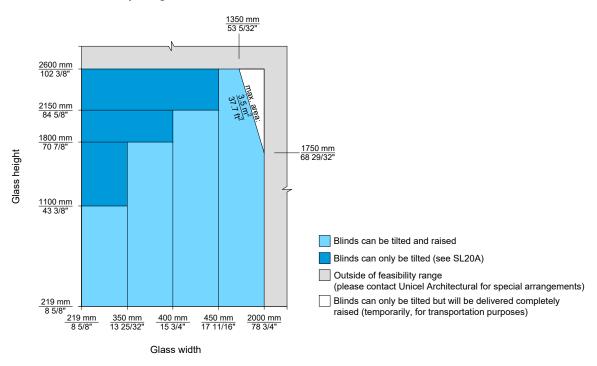




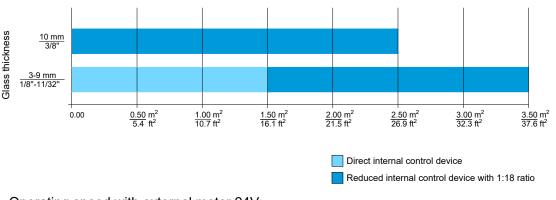




Glass size feasibility range:



Operating speed:



Operating speed with external motor 24V:

Up to 26.9 ft 2 (2.5 $\mbox{m}^2)$ operating speed is about 4'-11"/min (1.5m/min)

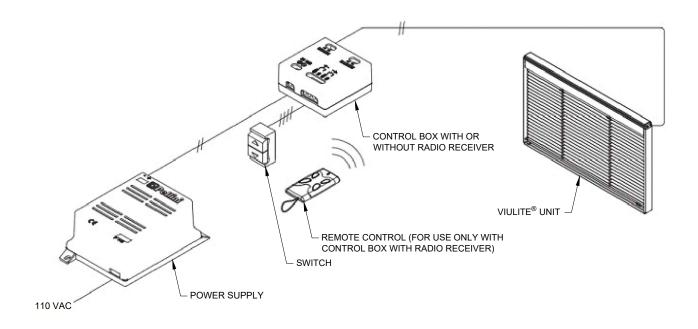
From 27 $\rm ft^2$ to 37.6 $\rm ft^2$ (2.51 $\rm m^2$ to 3.5 $\rm m^2)$ operating speed is about 3'-3 3/8"/min (1m/min)





VIULITE® SL20C SINGLE UNIT CONTROL

INDEPENDENT UNIT

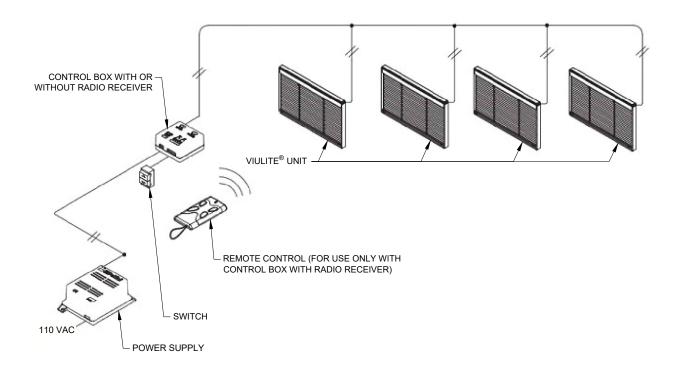






VIULITE[®] SL20C GROUPED CONTROLS

1 GROUP OF UP TO 4 UNITS

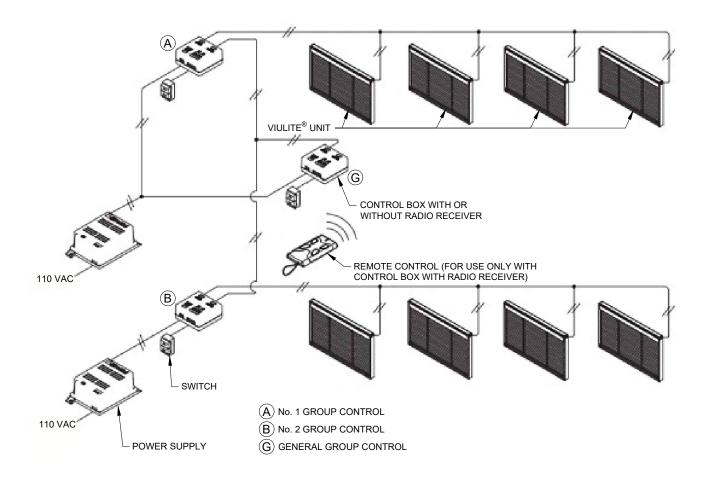






VIULITE[®] SL20C GROUPED CONTROLS

1 MASTER CONTROL + X SUB GROUPS

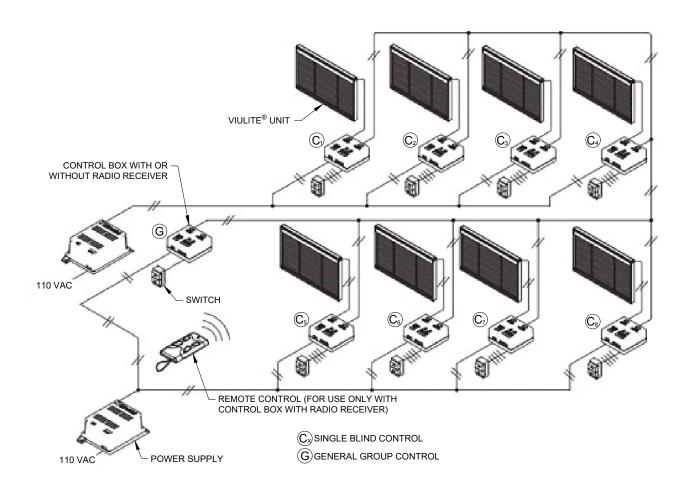








1 MASTER CONTROL + X INDIVIDUAL CONTROLS

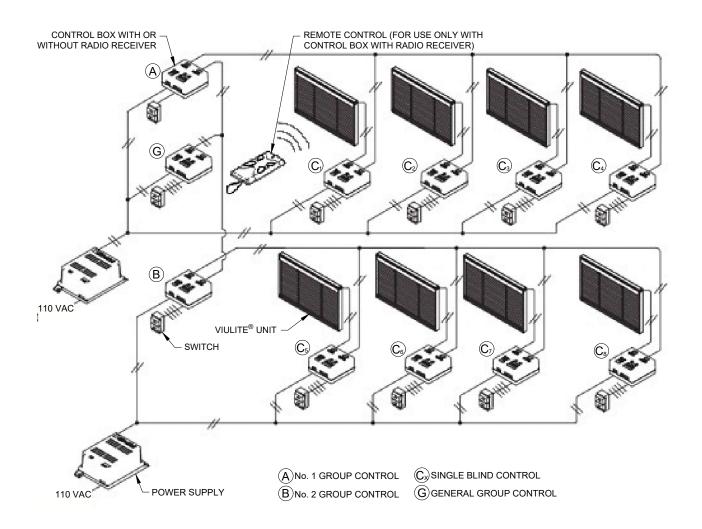








1 MASTER CONTROL + X GROUP + X INDIVIDUAL CONTROLS



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*Frame not included (for illustration purposes only) Ligature-resistant knob operator shown

Available with:

Ligature-resistant Knob



Removable Key





The ViuLite[®] SL20P insulating glass units are manufactured in accordance with high technical specifications and production standards. The slat <u>tilting only</u> function is achieved using rotational magnetic transmission through the glass thereby guaranteeing the unit's hermetic seal.

Slat

Aluminum, AA 6011-T8 alloy. Dimensions: width 1/2" (12.5mm), thickness 0.2mm. High-resistance polyester paint. The slats have a special treatment designed to eliminate possible emissions of chemical products inside the insulated glass unit, when exposed to ultraviolet and heat radiation i.e. non-fogging.

Internal cords

Thermofixed 100% polyester with internal core and excellent dimensional stability.



VIULITE[®] SL20P LIGATURE-RESISTANT KNOB

OPERATOR:	LIGATURE-RESISTANT KNOB				
SLAT OPERATION:	TILT-ONLY			PANELS REQUII ARTS, PLEASE REFER	
AIR SPACE:	27/32" (21.4mm) ☐ ARGON ☐ AIR		GLASS		
SLAT WIDTH:	1/2" (12.5mm)	QTY	WIDTH	HEIGHT	CORD LENGTH
SLAT COLOR:	S102 WHITE				
	☐ S157 SILVER				
	S125 BEIGE				
SPACER:	WARM-EDGE; BLACK RAL9005				
OPERATOR COLOR:	☐ WHITE ☐ LIGHT				
	☐ CHROMED BRASS (NON STANDARD)				
	☐ BRASS UNPAINTED (NON STANDARD)				
INTERIOR GLASS:					
EXTERIOR GLASS:			FRAMES MUST BE	SQUARE, PLUMB A	ND LEVEL
	21.122.11271				
1			1	-I 1	21.4mm
MIN.	CLEARANCE <u>6.4mm</u> REQUIRED 1/4"		6.1mm 	19mm 3/4"	27/32"
				` \	
				+	
					9
			⊐∥ li	5	LENGTH TO KNOB
				37.3mm 1 15/32"	6.1mm H H
			6.11/4"	.	
Ĭ 			6.4mm M	IN. CLEARANCE EQUIRED	10 10 10 10 10 10 10 10 10 10 10 10 10 1
GLASS HEIGHT				<u> </u>	
-GL				.	
				31/32"	
			-		
			WARM		12.7mm 1/2" rICAL BITI
	<u> </u>		SPACE BLACK	R 7	12.7mm 1/2" TYPICAL BITE REQUIRED
101.6		.6mm	19mm_	8mm 5/16"	11mm 7/16"
3/4" 1		ļ" [^]	3/4"		
7	EXTERIOR GLASS				3
	9		E E		
	INTERIOR GLASS		4.8mm 3/16" 111 8	33/1/52	
			3/16" 11 ~		
PROJECT:		-		19m 3/4	
ARCHITECT:		-			
CLIENT:		-			
JOB SITE:		_	SIGNATURE:		
DATE:		_	DATE:		

Unicel Architectural Corp.

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VIULITE® SL20P REMOVABLE KEY

OPERATOR:	REMOVABLE KEY		VIULITE® PANELS REQUIRED FOR FEASIBILITY CHARTS, PLEASE REFER TO VL 3.5		
SLAT OPERATION:	TILT-ONLY		I	S SIZE	LENGTH TO KEY
AIR SPACE:	27/32" (21.4mm) ARGON AIR	QTY	WIDTH	HEIGHT	OPERATOR
SLAT WIDTH:	1/2" (12.5mm)				
SLAT COLOR:	 □ S102 WHITE □ S157 SILVER □ S125 BEIGE 				
SPACER:	WARM-EDGE; BLACK RAL9005				
OPERATOR COLOR:	BLACK (BASE PLATE ONLY)				
CONTROL KEY: (1 INCLUDED)	QTY TOTAL REQUIRED:				
INTERIOR GLASS:					
EXTERIOR GLASS:			FRAMES MUST BE	SQUARE, PLUMB	AND LEVEL
				2 0 4 0 7 11 12 1 1 2 0 11 2	7.1.0 22.722
1	*		The state of the s	1	
GLASS HEIGHT			WARM SPACI	MIN. CLEARANCE REQUIRED MIN. STATE BE SILICONE RES SILICO	12.7mm
10	11.6mm SETTING BLOCK L/4 4" BY OTHERS EXTERIOR GLASS		6.4mm M 1/4" F WARM SPACI BLACK BLACK ONLY ONLY	MIN. CLEARANCE REQUIRED III. 61. I	5.4mm 7/32" 11mm 7/16"
19mm 3/4"	4" BY OTHERS EXTERIOR GLASS	4" HOLE	6.4mm M 1/4" F WARM SPACI BLACH	MIN. CLEARANCE REQUIRED III. SUPPLY SET OF STATE OF STAT	5.4mm 7/32" 11mm 7/16"

DATE:

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DATE:

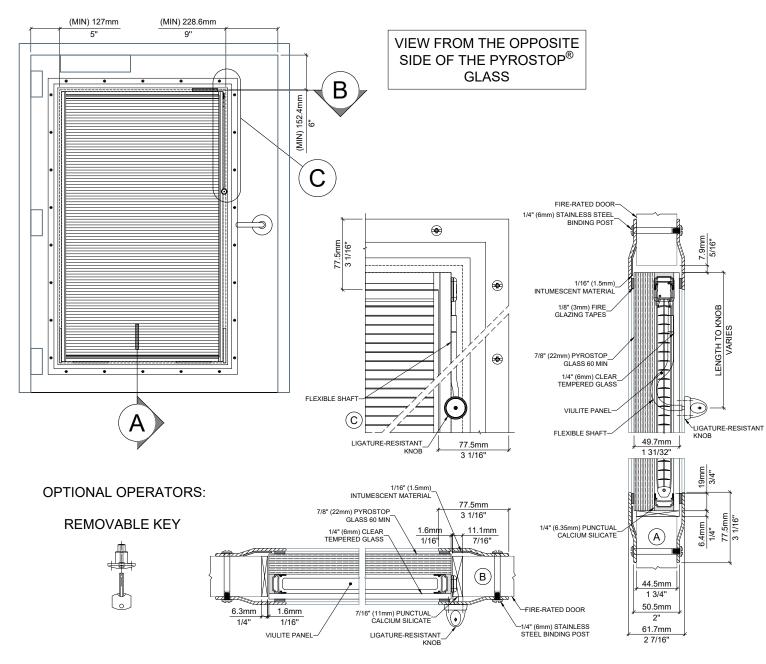


VIULITE[®] SL20P 45 MIN. FIRE-RATED DOOR

OPERABLE ON ONE SIDE

VIULITE® FURNISHED FACTORY-GLAZED IN UNICEL ARCHITECTURAL'S FIRE-RATED STEEL TRIMS (45 MIN. UL / 60 MIN. BS)

MAXIMUM CUT-OUT DIMENSION OF ROUGH OPENING IN DOOR SLAB = 29" X 48" (737mm X 1219mm)

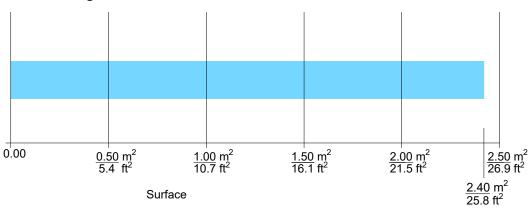








Maximum glass area:



Possible dimensions*:

Minimum Width = 6" (152mm)	Maximum Width = 78 3/4" (2000mm)
Minimum Height = 8 5/8" (219mm)	Maximum Height = 98 7/16" (2500mm)

^{*} If required size is outside of feasibility range, please contact Unicel Architectural for special arrangements.









*Frame not included (for illustration purposes only)

Available with:

Knob



The ViuLite[®] SL20B insulating glass units are manufactured in accordance with high technical specifications and production standards. The slat <u>tilting only</u> function is achieved using rotational magnetic transmission through the glass thereby guaranteeing the unit's hermetic seal.

Slat

Aluminum, AA 6011-T8 alloy. Dimensions: width 1/2" (12.5mm), thickness 0.2mm. High-resistance polyester paint. The slats have a special treatment designed to eliminate possible emissions of chemical products inside the insulated glass unit, when exposed to ultraviolet and heat radiation i.e. non-fogging.

Internal cords

Thermofixed 100% polyester with internal core and excellent dimensional stability.



VIULITE® SL20B **KNOB**

OPERATOR:	KNOB - (MOUNTED ON BOTTOM RAIL)	V	IULITE® PANELS REQUIRED
SLAT OPERATION:	TILT-ONLY		EASIBILITY CHARTS, PLEASE REFER TO VL 4.4
AIR SPACE:	27/32" (21.4mm)	QTY	GLASS SIZE WIDTH HEIGHT
SLAT WIDTH:	1/2" (12.5mm)		
SLAT COLOR:	□ S102 WHITE □ S157 SILVER □ S125 BEIGE		
SPACER:	ALUMINUM		
OPERATOR COLOR:	☐ WHITE ☐ LIGHT GRAY		
INTERIOR GLASS:			
EXTERIOR GLASS:		FRAM	ES MUST BE SQUARE, PLUMB AND LEVEL
OLDASS HEIGHT	GLASS WIDTH CLEARANCE 6.4mm REQUIRED 1/4"	1/4"	21.4mm 27/32" 37.3mm 37.3mm 115/32" MINI. CLEARANCE REQUIRED TOWNINDM PACER LACK SILICONE 118.7mm 118.32" 118.32" 118.32" 118.33" 118.33" 118.33" 118.33" 118.33"
11mm 101.6r 4"	SETTING BLOCK L/4 200mt61.6mm 7 7/8" 4" EXTERIOR GLASS 8 8 8 INTERIOR GLASS 35.6mm 182.2mm 7 3/16"	11mm 7/16"	11mm 7/16"
PROJECT: ARCHITECT: CLIENT: JOB SITE: DATE:	SIGNA DATE:		19mm 3/4"

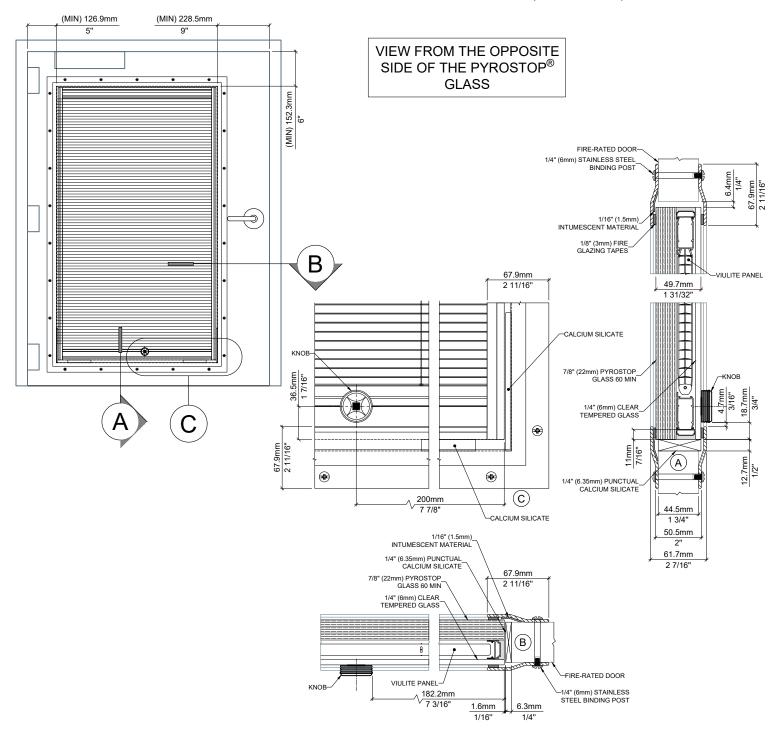


VIULITE® SL20B 45 MIN. FIRE-RATED DOOR

OPERABLE ON ONE SIDE

VIULITE® FURNISHED FACTORY-GLAZED IN UNICEL ARCHITECTURAL'S FIRE-RATED STEEL TRIMS (45 MIN. UL / 60 MIN. BS)

MAXIMUM CUT-OUT DIMENSION OF ROUGH OPENING IN DOOR SLAB = 29" X 48" (737mm X 1219mm)



Unicel Architectural Corp. 2155 Fernand-Lafontaine Longueuil • Québec • J4G2J4 • Canada

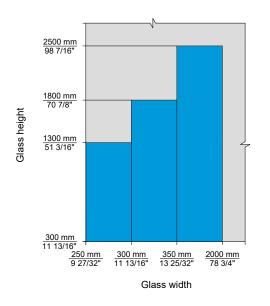


VL 4.3





Glass size feasibility range:



Blinds can only be tilted but will be delivered completely raised (temporarily, for transportation purposes)

Outside of feasibility range (please contact Unicel Architectural for special arrangements)







*Frame not included (for illustration purposes only)

Available with:

Switch



Remote Control



The ViuLite® SL20M insulating glass units are manufactured in accordance with high technical specifications and production standards. The slat <u>tilting</u>, <u>lowering</u> <u>and</u> <u>raising</u> or <u>tilting-only</u> functions are achieved by an encoder motor that permits a constant speed resulting in a guaranteed synchronized function for multiple blinds. The motor and the electronic blind management system are positioned within the head rail on a slide which has a specially integrated electric socket with a snap-in connector to the spacer bar allowing connection to the external power supply via only three wires, thereby maintaining a complete hermetic seal to the unit.

Slat

Aluminum, AA 6011-T8 alloy. Dimensions: width 1/2" (12.5mm), thickness 0.2 mm. High-resistance polyester paint. The slats have a special treatment designed to eliminate possible emissions of chemical products inside the insulated glass unit, when exposed to ultraviolet and heat radiation i.e. non-fogging.

Internal cords

Thermofixed 100% polyester with internal core and excellent dimensional stability.

VIULITE®



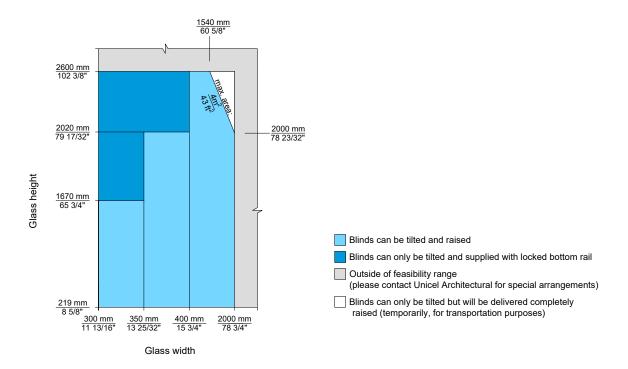
VIULITE® SL20M INTERNAL MOTOR

OPERATOR: SLAT OPERATION:	INTERNAL MOTOR (WIRING EXCLUDED) TILT AND RAISE		ULITE® PANELS REQUIRED
SLAT OPERATION.	☐ TILT AND RAISE ☐ TILT ONLY	FURFEA	SIBILITY CHARTS, PLEASE REFER TO VL 5.3 GLASS SIZE
AIR SPACE:	27/32" (21.4mm) ☐ ARGON ☐ AIR	QTY	WIDTH HEIGHT
SLAT WIDTH:	1/2" (12.5mm)	QII	WIDTH
SLAT COLOR:	☐ S102 WHITE		
	S157 SILVER		
SPACER:	S125 BEIGE WARM-EDGE; BLACK RAL9005		
ELECTRICAL ACCESSORIES:	CONTROL BOXES: → SWITCHES:		
(REFER TO VL 5.4, 5.5, 5.6, 5.7 AND 5.8)	CONTROL BOXES WITH RADIO RECEIVER: QTY REQUIRED		
0.77442 0.07	→ REMOTE CONTROLS: ☐ GRAY		
	POWER SUPPLIES:		
INTERIOR GLASS:			
INTERIOR GLASS.			
EXTERIOR GLASS:		FRAMES	I I S MUST BE SQUARE, PLUMB AND LEVEL
*	GLASS WIDTH *	INITED	NAL MOTOR —
MINI	225	INTLIN	\
	CLEARANCE 6.4mm		mm 8/4 27/32"
1		∕– WIF	RES 59"
			5m) LONG
	I INTERNAL MOTOR CONCEALED I INSIDE TOP RAIL		
	INGIBE FOLLOWIE	///	
		1 "	37.3mm 1 15/32"
			1 37
5 i l		6.4mm N	IIN. CLEARANCE
^円 			REQUIRED
GLASS HEIGHT			
0			ARM-EDGE ACER
		BL	ACK SILICONE
			, _, <u>u</u>
			19mm 3/4" 112.7mm 112" 110AL BIT
			12.7 1/2.7 201R
			19mm 3/4" 3/4" 12.7mm 12.7mm 12.7mm TYPICAL BITE REQUIRED
104.6	nm SETTING BLOCK L/4 101.6mm		8mm 11mm
19mm 101.6r	**************************************	9mm_	5/16" 7/16"
3/4"]]	EXTERIOR GLASS	3/4"	
	i i (1)	١	
<u>J.</u>			 (
	INTERIOR GLASS		
PROJECT:			19mm 3/4"
ARCHITECT:			
CLIENT:			
JOB SITE:	SIGNATUF	RE:	
DATE:	DATE:		





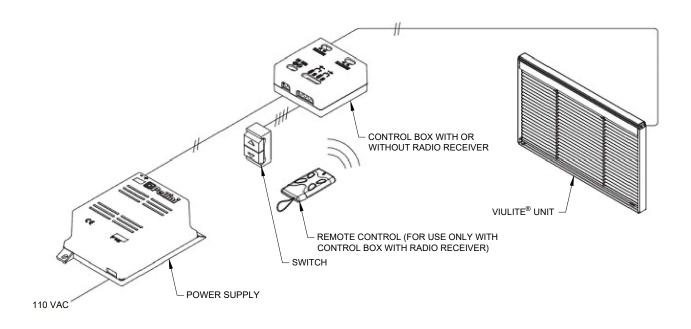
Glass size feasibility range:







INDEPENDENT UNIT

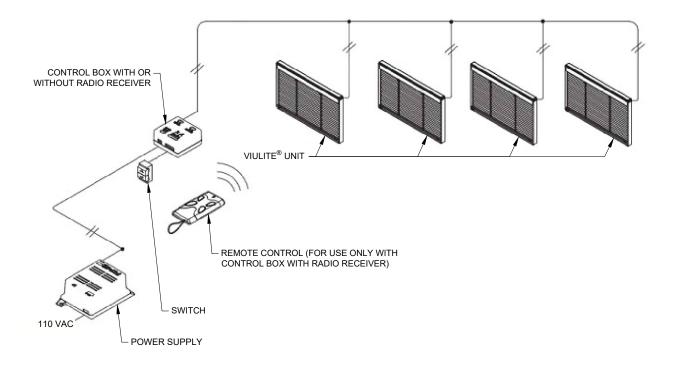








1 GROUP OF UP TO 4 UNITS

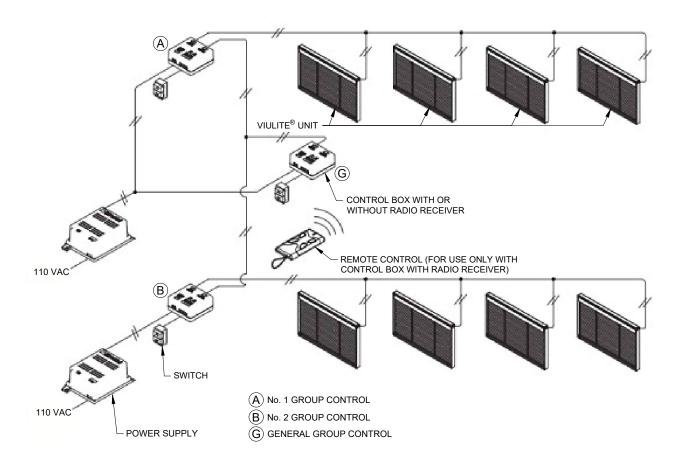








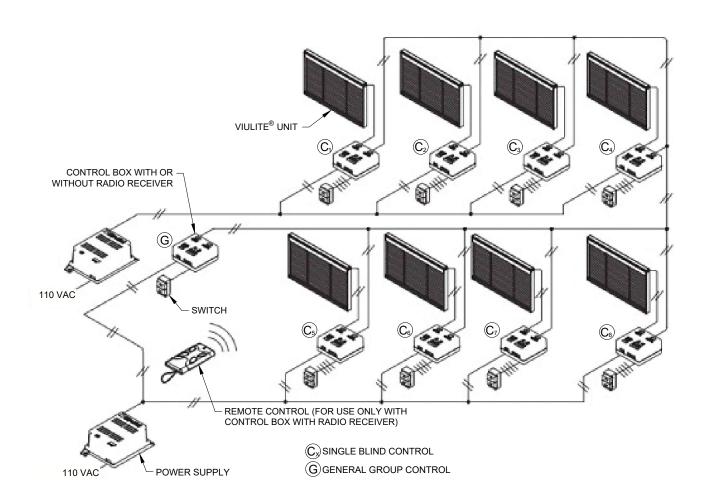
1 MASTER CONTROL + X SUB GROUPS







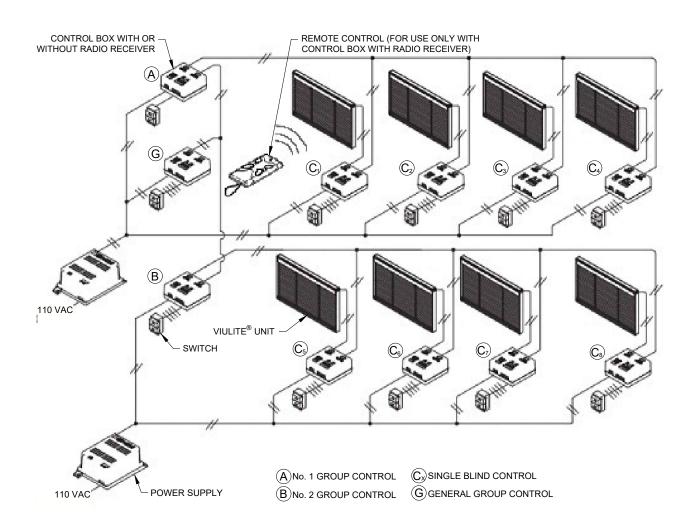
1 MASTER CONTROL + X INDIVIDUAL CONTROLS







1 MASTER CONTROL + X GROUP + X INDIVIDUAL CONTROLS



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*Frame not included (for illustration purposes only)

Available with:



The ViuLite® SL20S insulating glass units are manufactured in accordance with high technical specifications and production standards. The slat tilting, lowering and raising functions are achieved using a magnetic slider, placed on the right or left-hand edge of the glass. A narrow adhesive transparent profile ensures the linear movement of the slider. The blind is raised and lowered by moving the slider up or down and is tilted by slightly lifting or lowering the same slider.

Slat

Aluminum, AA 6011-T8 alloy. Dimensions: width 1/2" (12.5mm), thickness 0.2 mm. High-resistance polyester paint. The slats have a special treatment designed to eliminate possible emissions of chemical products inside the insulated glass unit, when exposed to ultraviolet and heat radiation i.e. non-fogging.

Internal cords

Thermofixed 100% polyester with internal core and excellent dimensional stability.





VIULITE® SL20S EXTERNAL SLIDER

LODEDATOD.	EXTERNAL CURED		
OPERATOR:	EXTERNAL SLIDER		JLITE® PANELS REQUIRED SIBILITY CHARTS, PLEASE REFER TO VL 6.4
SLAT OPERATION:	TILT AND RAISE		GLASS SIZE
AIR SPACE:	27/32" (21.4mm) ARGON AIR	QTY	WIDTH HEIGHT
SLAT WIDTH:	1/2" (12.5mm)		
SLAT COLOR:	 ☐ \$102 WHITE ☐ \$157 SILVER ☐ \$125 BEIGE 		
SPACER:	WARM-EDGE; BLACK RAL9005		
OPERATOR COLOR:	☐ WHITE ☐ LIGHT GRAY ☐ BEIGE		
INTERIOR GLASS: MAXIMUM GLASS THICKNESS OF 6.8mm (9/32*)			
EXTERIOR GLASS:		FRAMES	MUST BE SQUARE, PLUMB AND LEVEL
<u> </u>	GLASS WIDTH—		
MIN.	CLEARANCE 6.4mm 64.7mm REQUIRED 1/4" 2 17/32"		21.4mm 27/32" 16.4mm 21/32"
GLASS HEIGHT		1/4" R WA SPA	19mm 19mm 37.3mm and 3
19mm 3/4" 4"	SETTING BLOCK L/4 101.6mm BY OTHERS 4" EXTERIOR GLASS	19mm 3/4"	5/16" 7/16"
Ш	INTERIOR GLASS	20mm 25/32"	
PROJECT:			19mm 3/4"
CLIENT: JOB SITE: DATE:	SIGNATU DATE:	JRE:	

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VL 6.2

VIULITE®

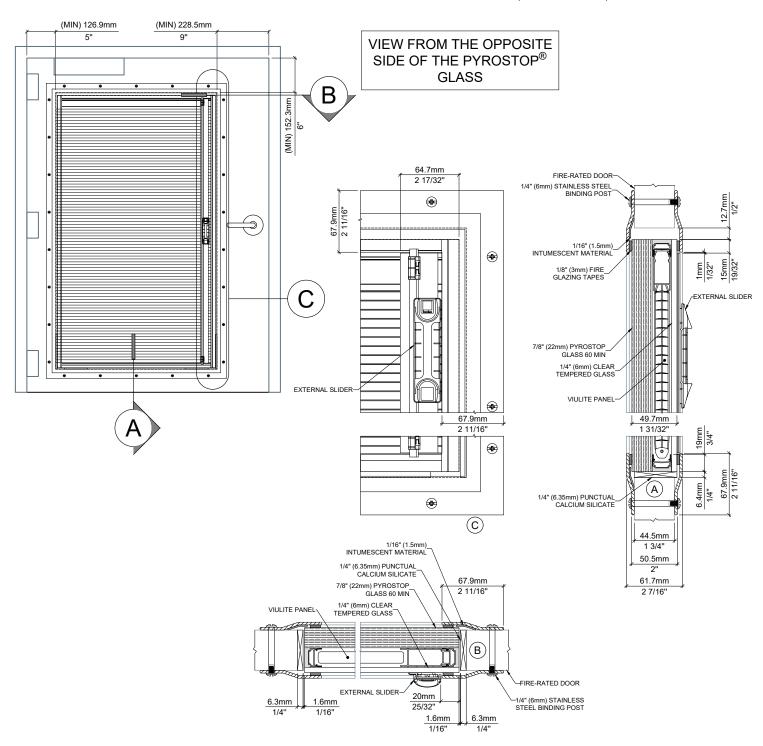


VIULITE® SL20S 45 MIN. FIRE-RATED DOOR

OPERABLE ON ONE SIDE

VIULITE® FURNISHED FACTORY-GLAZED IN UNICEL ARCHITECTURAL'S FIRE-RATED STEEL TRIMS (45 MIN. UL / 60 MIN. BS)

MAXIMUM CUT-OUT DIMENSION OF ROUGH OPENING IN DOOR SLAB = 29" X 48" (737mm X 1219mm)



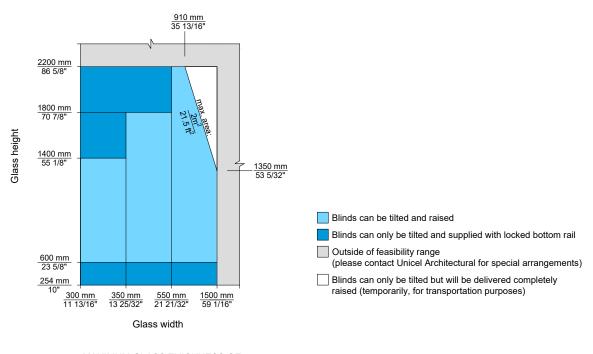
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Glass size feasibility range:



MAXIMUM GLASS THICKNESS OF 6.8mm (9/32")



Storage Instructions

A. In Crates

Crates must be kept upright, covered, ventilated and in a dry and safe location.

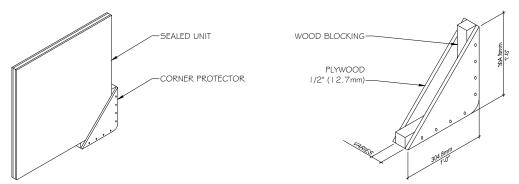
B. Loose Lots

Sealed units must be upright, on blocks and in a safe and dry location. Sealed units should not be stored in a stack, or in direct sunlight as heat build-up may cause breakage. Sealed units should have a base to provide support to all component lites of the unit so that individual lites will not slide out of alignment or out of square causing seal failure or breakage.

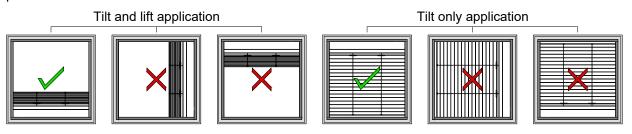


Handling Instructions

A. Extreme care must be taken when a unit is being moved. Edges and corners should be protected in order to prevent glass from fracturing. The use of a corner protector is suggested.



B. ViuLite[®] sealed glass panels should always be transported and stored with the blinds as shown in the pictures below.



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INSTALLATION INSTRUCTIONS

GLAZING INSTRUCTIONS

Frame/Sash

- All framing members must be specifically designed to accept the glass specified and must have adequate structural strength to support the weight of the glass without deformation.
- Frame and/or sash must be level, plumb, square and in plane and also be free of any glazing obstruction. 2.
- Joints must be adequately buttered with sealant to prevent water and air infiltration and all sill members must have weep holes to the outside.

Clearance and edge bite

- Adequate edge and face clearances must be provided to allow the glass to float freely in the opening, without undue restriction by the framing members. The recommended clearance on both vertical edges of the units is a minimum of 1/4" (6.4mm) for all models except SL20P with corner drive which requires 1/2" (12.7mm).
- Adequate bite is mandatory to maintain a watertight, weather-proof seal as well as retain the glass in the opening under conditions of wind loading and deformation of the framing members.

Setting blocks and spacers

Silicone setting blocks should be used on the bottom edge of each lite. Place setting blocks at the end points.

Sealing materials

- For channel glazing, use only a non-hardening, non-corrosive, gun-applied sealant specifically recommended by the sealant manufacturer for the type of glass specified
- 2. In no case shall glazing be performed with any oleo-resinous or oil-base compounds, nor shall any glazing sealant be diluted or thinned with any solvent.
- Never fill the space between the bottom edge of the glass and the sill. This will interfere with the weepage system.
- All sealants must be applied to provide an absolute watertight seal; on insulating glass units, sealant must contact the glass a minimum of 1/8" (3.2mm) above the metal edge protection.
- Sash with neoprene or structural neoprene gaskets must have a supplementary wet seal applied between the gasket and the glass, at the bottom edge (sill) of the glass and 6" (152.4mm) up on each jamb. Sill section of all structural neoprene gaskets must have weep holes to the exterior.
- Special care must be taken when glazing laminated glass, polycarbonates and glass-clad polycarbonates, as they may react unfavorably with certain sealant components. Sealants made of 100% solid components, containing no solvents, must be used. Verify with your sealant manufacturer.
- 7. All surfaces to be sealed must be completely clean and dry. Verify with sealant manufacturer's recommendations for proper cleaning procedures.

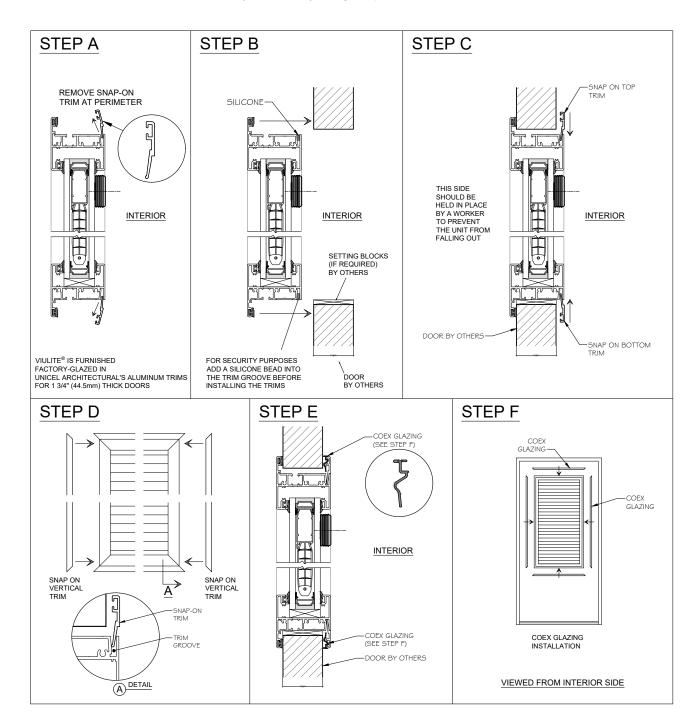




VIULITE® INSTALLATION INSTRUCTIONS

FOR DOORS: VIULITE® FURNISHED FACTORY-GLAZED IN UNICEL ARCHITECTURAL'S ALUMINUM TRIMS

Test the functionality of the units by turning the operator several times in each direction.



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VIULITE[®] **OPERATION AND MAINTENANCE**

MAINTENANCE INSTRUCTIONS

Cleaning and maintenance of glass:

- Routinely clean using ordinary window-washing techniques.
- For best results, use liquid glass cleaners or mild household detergents. Do not use cleaning compounds containing fluorine, strong acids, corrosive alkaline detergents or abrasives.
- To avoid damage, all potentially abrasive particles adhered to glass should be removed prior to cleaning. Razor blades or steel wool should never be used to scrape residue from glass surfaces.

Cleaning and maintenance of all operators:

- Clean the operators with mild soaps or detergents ruled safe for bare hands.
- Always spot test when using a new or stronger detergent.
- Avoid abrasive cleaners. Strong solvents or strong cleaner concentrations can cause damage to surfaces. Over cleaning or excessive rubbing can do more harm than good.
- Abrasive materials such as steel wool and abrasive brushes can wear and harm finishes. Do not use on any operators.
- Never use paint removers, aggressive alkaline, acid or abrasive cleaners. Do not use trisodium phosphate, highly acid cleaners.

Special instructions for cleaning and maintenance of external motor operators:

- Apply the same instructions as mentioned above.
- Never apply liquid soap, detergent or water directly on the operator. Always apply on a cloth before washing or rising.
- To clean, gently rub the exterior shell of the operator only.
- Do not remove the motorization unit from its socket.





VIULITE® WARRANTY STATEMENT

During a period of five (5) years from DATE OF MANUFACTURE, depending on the type of unit construction and the use to which the unit is put, ViuLite® insulating glass units (without capillary breather tubes) are warranted not to develop, under normal conditions, material obstruction of vision as a result of dust or film formation on the internal glass surface caused by failure of the hermetic seal other than through glass breakage. All components located *inside* the insulating glass unit are covered by a five (5)-year warranty; any components located *outside* the insulating glass unit are covered by a two (2)-year warranty. Glass edge separation, changes in properties of interlayer, delamination of glass, glass coatings, and material obstruction through glass not caused by seal failure are not covered beyond the warranty period offered by the original supplier of glass. This warranty does not apply to glass breakage, vandalism, replacement and labor costs, nor delamination of glass after 5 years from date of manufacture.

This warranty is effective only if installation is made in accordance with our specific instructions. This warranty does not apply to units damaged by improper handling or installation. This represents Unicel Architectural's maximum liability. The obligations of Unicel Architectural under this warranty are limited to the repair or replacement, at Unicel architectural's option, of defective parts of the goods, Ex-Works our plant. This warranty does not apply to replacement units beyond the original five (5)-year period to which the original unit is subjected. Unicel Architectural will not be liable for any other expenses involved in the removal of defective units, installation of replacement units, or any other incidental or consequential damages.

Unicel Architectural does not authorize any person, dealer, or distributor to create for it any obligation or liability in connection with the goods. Leakage will be the sole responsibility of the glass contractor or installer.

This warranty shall be void if the unit is subjected to abnormal stresses from the load application of heat, excessive vibration, building or foundation movement; if glazed with materials which do not remain resilient for the life of the warranty, or if the methods and materials used in glazing the unit do not completely repel water for the life of the warranty. Unicel Architectural reserves the right to inspect, in the field, any part or unit which is allegedly defective, or to request that the unit(s) be returned to Unicel Architectural for inspection.

This warranty is valid only if contracts have been paid in full.

Unicel Architectural Corp.

