

# ULTIMATE DOUBLE HUNG AND SINGLE HUNG MAGNUM, MAGNUM DOUBLE AND SINGLE HUNG TILT PAC

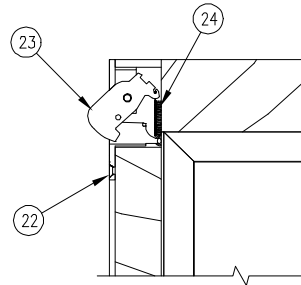
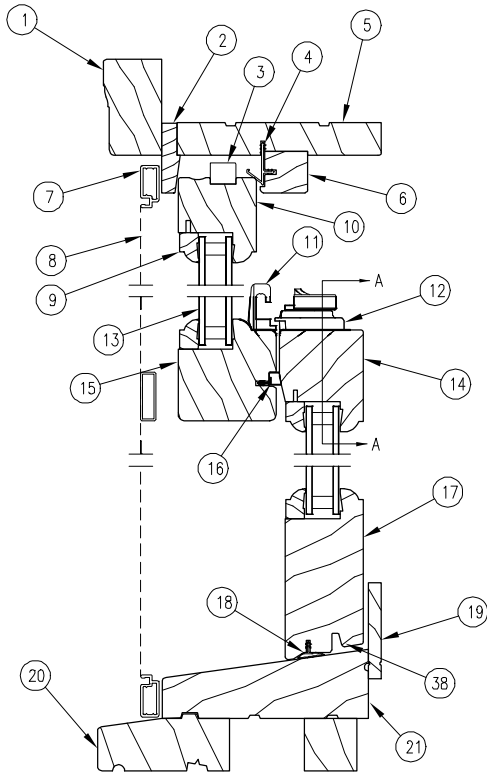
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PRODUCED	UNIT TYPE	FEATURES OR CHANGES	STATUS
1984	Magnum Double Hung	Introduced Magnum Double Hung. Unit features 1 3/4" sash, white vinyl jamb liners and dual balance system.	2005
1985	Magnum Double Hung	Standard color on vinyl jamb liners changed from white to beige. Change from crescent style lock to cam style lock.	2005 1993
1985	Magnum Double Hung Tilt Pac	Introduced Magnum Double Hung Tilt Pac. Replacement kit contains: 1 3/4" sash, beige vinyl jamb liners, dual balance system and sash brackets.	Present
1986	Magnum Historical Double Hung, Single Hung and Tilt Pac	Introduced Magnum Historical Double Hung, Single Hung and Tilt Pac. Unit features historic profile muntin and bars, 1 3/4" sash, routed finger pulls, dual balance system, white vinyl jamb liners, white cam lock and (optional) white interior energy panel.	Present
1986	Magnum Single Hung and Single Hung Tilt Pac	Unit features 1 3/4" sash, dual balance system and beige vinyl jamb liners.	Present
1989	Clad Magnum Double Hung and Clad Tilt Pac	Introduced Clad Magnum Double Hung and Clad Magnum Tilt Pac. Unit features 1 3/4" sash, beige vinyl jamb liners and dual balance system. Clad exterior available in bronze, white and pebble gray.	Present
1991	Wood Magnum Simulated Triple Hung	Introduced Magnum Simulated Triple Hung. Unit features three 1 3/4" sash in frame (two fixed and one operating), beige vinyl jamb liners and dual balance system.	Present
1991	Clad Magnum Replacement System	Introduced Clad Magnum Replacement system. Replacement kit contains: two 1 3/4" sash, beige vinyl jamb liners, dual balance system and frame panning.	Present
1991	Wood and Clad Magnum Units	Locks no longer offset on ADL units with center bar. Munt routed for keeper.	Present
1992	Wood Magnum Triple Hung	Introduced Wood Magnum Triple Hung. Unit features three 1 3/4" sash in frame (counter balanced top and bottom sash with stationary center sash). Beige vinyl jamb liners.	Present
1992	Wood Magnum Units	Simulated divided lite introduced.	Present
1993	Wood and Clad Magnum Double Hung, Single Hung, Tilt Pac and Wood Magnum Triple Hung and Simulated Triple Hung	Sash lock changed to spring loaded sash lock.	Present
1993	Clad Magnum Units	Simulated divided lite introduced.	Present
1993	Clad Magnum Double Hung and Clad Tilt Pac	Factory applied brick mould casing introduced.	Present
1994	Magnum Historical Double Hung, Single Hung and Tilt Pac	Interior energy panel surround changed from vinyl to metal. Energy panel fastening clip changed from butterfly clip to push/pull panel clip.	Present
2002	Clad Magnum Units	3/02 Stone White becomes a standard color. Arctic White transitions to a select color.	Present
2003	Wood Magnum Units, Clad Magnum Units, Magnum Historical Double Hung, Single Hung and Tilt Pac	3/31/03 Satin Taupe (TP) hardware replaces bronze as standard.	Present
2005	Wood and Clad Ultimate Double Hung Magnum	8/1/05 Introduced the Ultimate Double Hung Magnum. The Magnum Double Hung line retires.	Present
2008	Wood and Clad Ultimate Double Hung Magnum	6/02/2008 Introduced charcoal colored high transparency screen mesh (CH HI-TRAN) as an option on all window and door products (including combinations).	Present

PRODUCED	UNIT TYPE	FEATURES OR CHANGES	STATUS
2008	Clad Ultimate Double Hung Magnum	7/28/2008 Mixed grain Douglas fir is now a standard option.	Present
2009	All	3/23/2009 Added LoE <sup>3</sup> -366™ as a standard option for all products. Added Cedro Macho as a standard option for all clad products.	Present
2011	All	04/25/2011 Added LoE <sup>3</sup> -180™ as a standard option for all products. White painted interior finish option introduced for all products.	Present
2012	WUDHM and CUDHM	04–30–2012 Introduced a new screen design as standard.	Present
	WUDHM and CUDHM	10–29–2012 Interior Square Sticking/Glazing Bead option introduced.	
	All	12–17–2012 Introduced Clear interior finish option on all products.	
2013	All	04/29/2013 Introduced interior stain options. Stain colors are Wheat, Honey, Leather, Hazelnut, Cabernet and Espresso.	Present
2016	All	10/31/2016 Obsolescence of the wood species Cedro Macho for all products.	Present
2017	All	10/30/2017 Discontinued Ep colors with exception of Stone White and Bronze	Present
2017	All	10/30/2017 Discontinuation of old style Magnum frame parts and Panning System.	Present
2018	Clad Ultimate Double Hung Magnum products including CUSHM, CUDHM, CUDHMP, CUDHMT	06/25/2018 Clad Ultimate Double Hung Magnum products including Clad Ultimate Single Hung Magnum (CUSHM), Clad Ultimate Double Hung Magnum (CUDHM), Clad Ultimate Double Hung Magnum Picture (CUDHP), Clad Ultimate Double Hung Magnum Transom (CUDHT) moved to Obsolete status.	Present

**WOOD ULTIMATE DOUBLE HUNG MAGNUM**

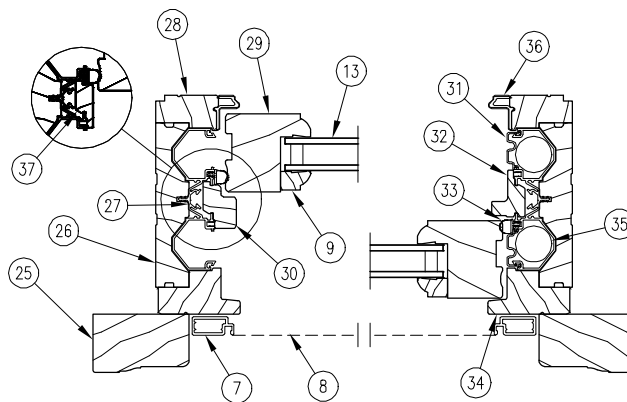


**HEAD JAMB  
 AND SILL DETAIL**

1. Top Brick Mould Casing, W1047
2. Top Blind Stop
3. Tilt Latch
4. Parting Stop Weather strip, V945
5. Head Jamb
6. Parting Stop, W8883
7. Screen Frame
8. Screen Mesh
9. Glazing Bead
10. Top Rail
11. Sash Keeper
12. Sash Lock
13. Insulated Glass
14. Bottom Check Rail
15. Top Check Rail
16. Check Rail Weather strip, V031
17. Bottom Rail
18. Bottom Rail Weather strip, V147
19. Sill Liner, W8914
20. Subsill, W2134
21. Sill
22. End Plate
23. Locking Blade
24. Extension Spring
25. Side Brick Mould Casing, W1047
26. Jamb
27. Vinyl Jamb Carrier, V1375
28. Jamb Liner, W8880
29. Stile
30. Exterior Jamb Filler (Lower), W8927
31. Balance Cover
32. Interior Jamb Filler, W8878
33. Frame Weather strip, V1419
34. Jamb Blind Stop
35. Sash Balance Tube
36. Jamb Liner Stop, A1402
37. Exterior Jamb Filler (Upper)
38. Sill Bracket

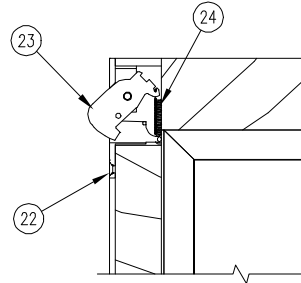
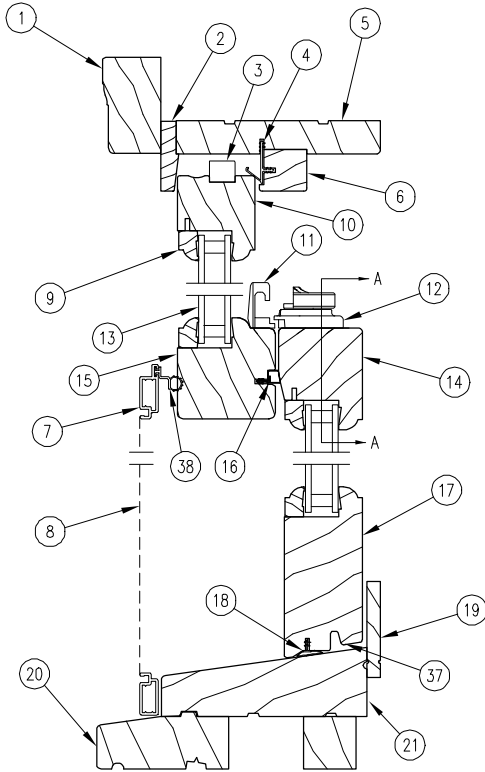
**MID-LEVEL  
 JAMB DETAIL**

**JAMB  
 DETAIL**



NOTE: Not to scale; specifications subject to change without notice.

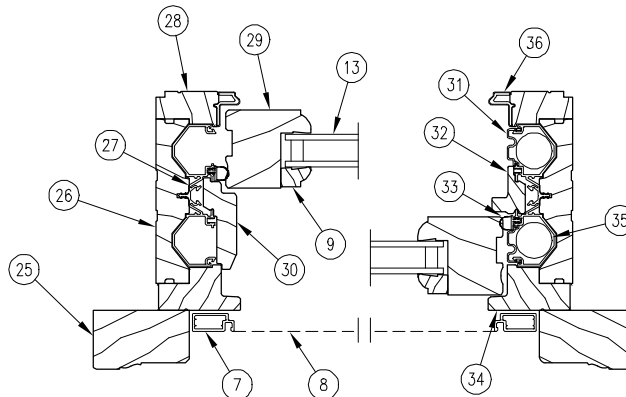
**WOOD ULTIMATE SINGLE HUNG MAGNUM**



**HEAD JAMB  
 AND SILL DETAIL**

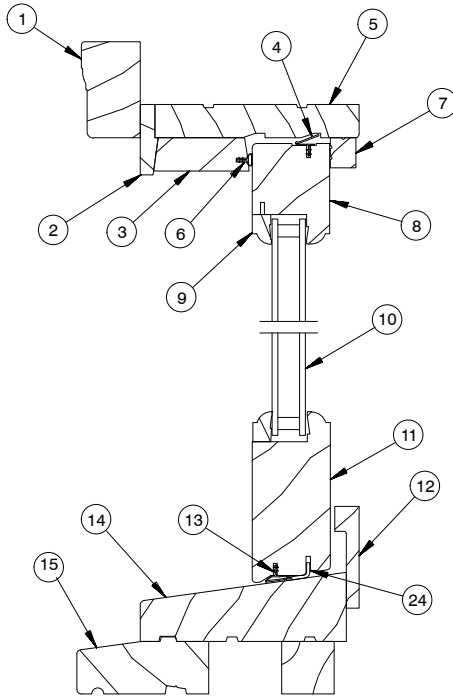
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2. Top Blind Stop
3. Tilt Latch
4. Parting Stop Weather strip, V945
5. Head Jamb
6. Parting Stop, W8883
7. Screen Frame
8. Screen Mesh
9. Glazing Bead
10. Top Rail
11. Sash Keeper
12. Sash Lock
13. Insulated Glass
14. Bottom Check Rail
15. Top Check Rail
16. Check Rail Weather strip, V031
17. Bottom Rail
18. Bottom Rail Weather strip, V147
19. Sill Liner, W8914
20. Subsill, W2134
21. Sill
22. End Plate
23. Locking Blade
24. Extension Spring
25. Side Brick Mould Casing, W1047
26. Jamb
27. Vinyl Jamb Carrier, V1375
28. Jamb Liner, W8880
29. Stile
30. Single Hung Filler, W9004
31. Balance Cover
32. Bottom Wood Jamb Filler, W8878
33. Frame Weather strip, V1419
34. Jamb Blind Stop
35. Sash Balance Tube
36. Jamb Liner Stop, A1402
37. Sill Bracket
38. 1/2 Screen Foam Liner

**JAMB  
 DETAIL**



NOTE: Not to scale; specifications subject to change without notice.

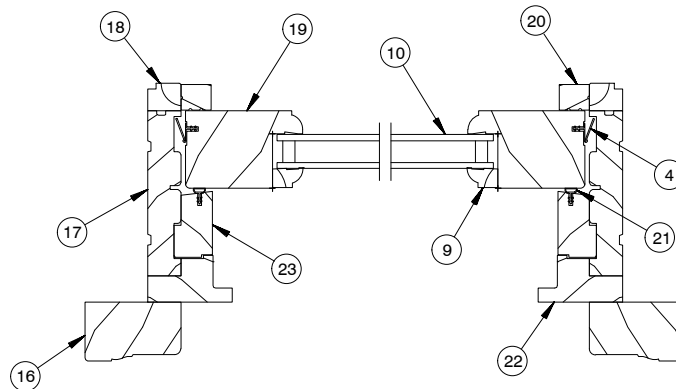
**WOOD ULTIMATE DOUBLE HUNG MAGNUM PICTURE 1 5/8"**



**HEAD JAMB  
 AND SILL DETAIL**

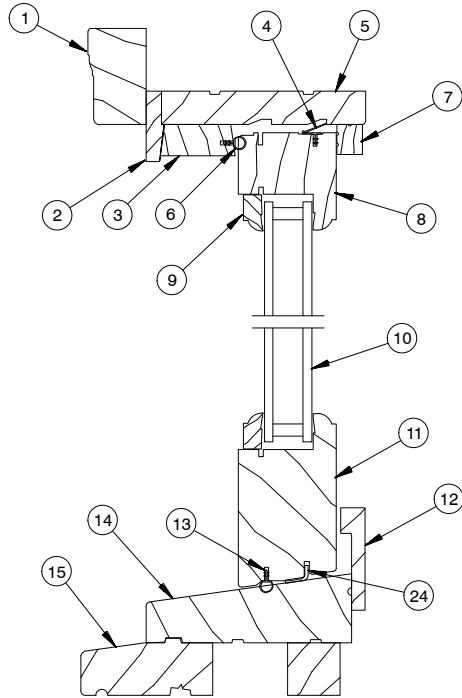
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2. Top Blind Stop, W2125
3. Exterior Head Jamb Filler, W2175
4. Vinyl Retainer, V130
5. Head Jamb
6. Top Rail Weather strip, V147
7. Interior Stop
8. Top Rail
9. Glazing Bead
10. Insulated Glass
11. Bottom Rail
12. Sill Liner, W8992
13. Bottom Rail Weather strip, V147
14. Sill
15. Subsill, W2134
16. Side Brick Mould Casing, W1047
17. Jamb
18. Jamb Liner, W2143
19. Stile
20. Interior Stop, W7134
21. Sash Weather strip, V147
22. Exterior Blind Stop
23. Exterior Filler, W2177
24. Sill Bracket

**JAMB  
 DETAIL**



NOTE: Not to scale; specifications subject to change without notice.

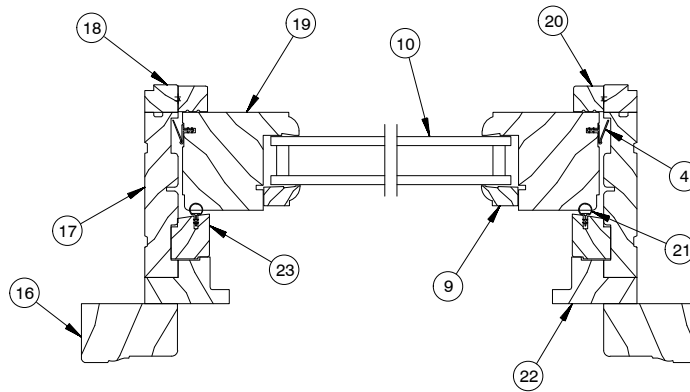
**WOOD ULTIMATE DOUBLE HUNG MAGNUM PICTURE 2"**



**HEAD JAMB  
 AND SILL DETAIL**

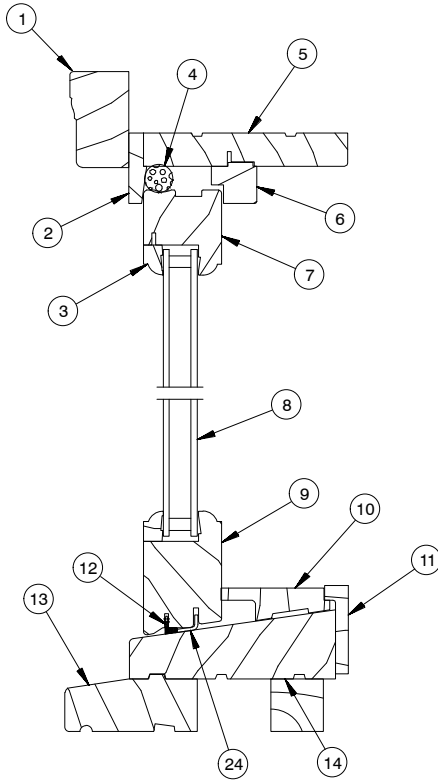
1. Top Brick Mould Casing, W1047
2. Top Blind Stop, W2125
3. Exterior Head Jamb Filler, W2175
4. Vinyl Retainer, V130
5. Head Jamb
6. Top Rail Weather strip, V147
7. Interior Stop
8. Top Rail
9. Glazing Bead
10. Insulated Glass
11. Bottom Rail
12. Sill Liner, W8992
13. Bottom Rail Weather strip, V147
14. Sill
15. Subsill, W2134
16. Side Brick Mould Casing, W1047
17. Jamb
18. Jamb Liner, W2143
19. Stile
20. Interior Stop, W7134
21. Sash Weather strip, V147
22. Exterior Blind Stop
23. Exterior Filler, W2177
24. Sill Bracket

**JAMB  
 DETAIL**



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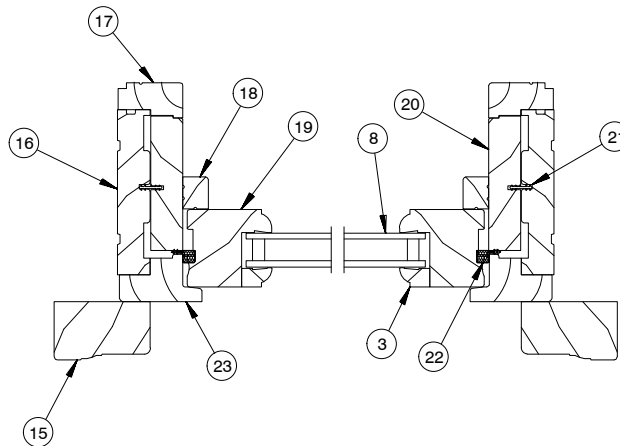
**WOOD ULTIMATE DOUBLE HUNG MAGNUM TRANSOM**



**HEAD JAMB  
 AND SILL DETAIL**

1. Top Brick Mould Casing, W1047
2. Top Blind Stop, W2125
3. Sash Glazing Bead
4. Foam Backer Rod
5. Head Jamb
6. Head Jamb Stop, W7136
7. Top Rail
8. Insulated Glass
9. Bottom Rail
10. Sash Filler
11. Sill Liner, W2179
12. Bottom Rail Weather strip
13. Subsill, W2134
14. Sill
15. Side Brick Mould Casing, W1047
16. Jamb
17. Interior Jamb Liner, W2127
18. Interior Stop
19. Stile
20. Jamb Filler, W7126
21. Connecting Barb
22. Jamb Weather strip, V031
23. Exterior Blind Stop, W8950
24. Sill Bracket

**JAMB  
 DETAIL**



NOTE: Not to scale; specifications subject to change without notice.



When ordering replacement parts for Ultimate Double Hung and Single Hung Magnum specify:

1. Order number
2. type of unit;
3. part number;
4. description.

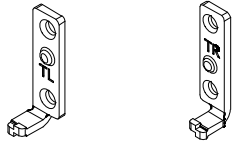
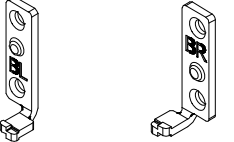

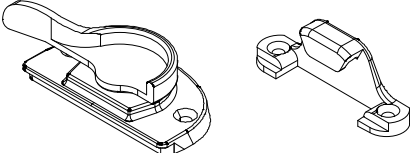
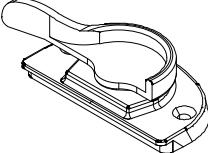
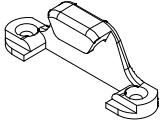
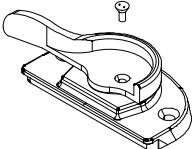
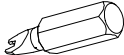
ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER/ COLOR	PART NO.								
 <p>Left Hand      Right Hand</p>	<p><b>Top Sash Pivot Pin</b></p> <p><i>Note: Handing viewed from exterior.</i></p>	<p>RH LH</p>	<p>10500562 10500563</p>								
 <p>Left Hand      Right Hand</p>	<p><b>Bottom Sash Pivot Pin</b></p> <p><i>Note: Handing viewed from exterior.</i></p>	<p>RH LH</p>	<p>10500564 10500565</p>								
	<p><b>#7 x 1 1/4" Phillips Flat Head</b> <i>Self Tapping Screw for Sash Pivot Pins</i></p>		<p>11807113</p>								
	<p><b>Sash Lock and Keeper, Complete</b></p> <p><i>Includes:</i>                      1 - Sash lock                      1 - Keeper                      2 - #7 x 7/8" Phillips flat head screws                      2 - #7 x 1 1/4" Phillips flat head screws</p>	<p>WH BZ TP</p>	<p>11860985 11860986 11860987</p>								
	<p><b>Sash Lock</b></p> <p><i>Includes:</i>                      1 - Sash lock                      2 - #7 x 7/8" Phillips flat head screws</p> <table border="0"> <tr> <td>WH-10840019</td> <td>AB-11800788</td> </tr> <tr> <td>BZ-11800779</td> <td>SC-11800789</td> </tr> <tr> <td>TP-11800786</td> <td>ORBZ-11800794</td> </tr> <tr> <td>BS-11800787</td> <td>SN-11800796</td> </tr> </table>	WH-10840019	AB-11800788	BZ-11800779	SC-11800789	TP-11800786	ORBZ-11800794	BS-11800787	SN-11800796	<p>BZ WH TP BS SC AB ORBZ SN</p>	<p>10500802 10500804 10500806 10500808 10500810 10500814 10500816 10500818</p>
WH-10840019	AB-11800788										
BZ-11800779	SC-11800789										
TP-11800786	ORBZ-11800794										
BS-11800787	SN-11800796										
	<p><b>Lock Keeper Kit</b> For Ultimate Double Hung Magnum</p> <p><i>Includes:</i>                      1 - Keeper (10500676)                      2 - #7 x 1 1/4" Phillips flat head screws</p> <table border="0"> <tr> <td>WH-11807115</td> <td>AB-11807126</td> </tr> <tr> <td>BZ-11807118</td> <td>SC-11807127</td> </tr> <tr> <td>TP-11807122</td> <td>ORBZ-11807132</td> </tr> <tr> <td>BS-11807120</td> <td>SN-11807133</td> </tr> </table>	WH-11807115	AB-11807126	BZ-11807118	SC-11807127	TP-11807122	ORBZ-11807132	BS-11807120	SN-11807133	<p>WH BZ TP BS AB SC ORBZ SN</p>	<p>11862500 11862501 11862502 11862503 11862504 11862505 11862506 11862507</p>
WH-11807115	AB-11807126										
BZ-11807118	SC-11807127										
TP-11807122	ORBZ-11807132										
BS-11807120	SN-11807133										
	<p><b>Custodial Lock</b></p> <p><i>Includes:</i>                      1 - Sash lock                      1 - Tamper resistant screw                      2 - #7 x 7/8" Phillips flat head screws</p> <table border="0"> <tr> <td>WH-10840019</td> <td>BZ-11800779</td> </tr> <tr> <td>TP-11800786</td> <td></td> </tr> </table>	WH-10840019	BZ-11800779	TP-11800786		<p>WH BZ TP</p>	<p>10500711 10500710 10500712</p>				
WH-10840019	BZ-11800779										
TP-11800786											
	<p><b>Tool Bit - Tamper Resistant Screw</b> For Custodial Lock</p>		<p>10500543</p>								

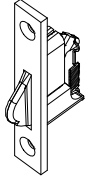
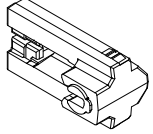
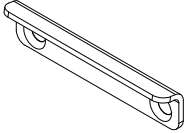
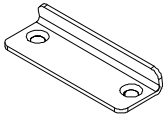
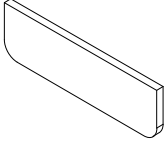
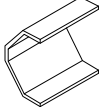
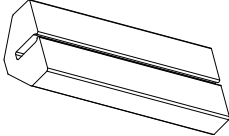
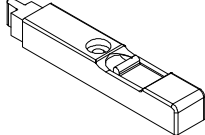
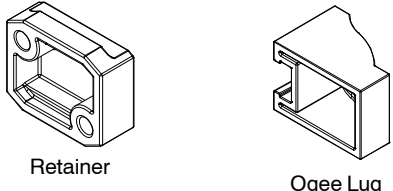
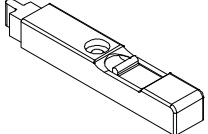
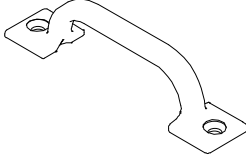
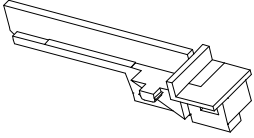
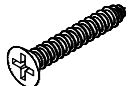
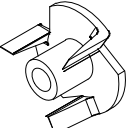
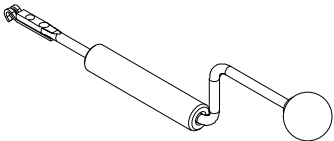
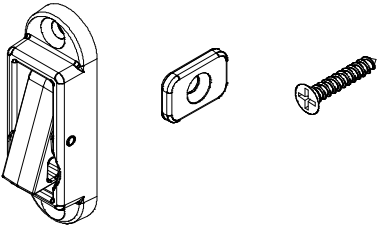
ILLUSTRATION NOT TO SCALE	DESCRIPTION	COLOR	PART NO.
	<p><b>End Plate Assembly</b>  <i>Includes:</i>                      1 - Tilt latch assembly                      2 - #6x5/8" Phillips flathead wood screws                      (11800519)</p>	<p>BG                      BK (over                      mold blade)</p>	<p>10500600                      10500615</p>
	<p><b>Clutch Assembly</b></p>		<p>10500568</p>
	<p><b>Sill Bracket</b>                      For Operating Units  <i>Includes:</i>                      1 - Sill bracket                      2 - #7 x 3/4" Flat head stainless steel screws</p>	<p>WH                      BG</p>	<p>11841102                      11841101</p>
	<p><b>Sill Bracket</b>                      For Transom and Picture Units  <i>Includes:</i>                      1 - Sill bracket                      2 - #7 x 7/8" Flathead stainless steel screws</p>		<p>10500526</p>
	<p><b>Foam Gasket, Header, Jamb Carrier</b></p>	<p>BG</p>	<p>10500408</p>
	<p><b>Top Sash Stop, Vinyl</b>                      V1432, 60" (1524)</p>	<p>BG                      WH</p>	<p>15354060                      15354160</p>
	<p><b>Sash Bumper</b>                      V1391</p>		<p>11860430</p>
	<p><b>Top Sash Tilt Latch Assembly, Wood</b>  <i>Includes:</i>                      1 - Tilt latch assembly                      1 - #7x1 1/4" Phillips flathead wood screws</p>	<p>BG</p>	<p>10500555</p>

ILLUSTRATION <i>NOT TO SCALE</i>	DESCRIPTION	OPER./ COLOR	PART NO.										
 <p style="text-align: center;">Retainer                  Ogee Lug</p>	<p><b>Ogee Lug Kit                  (Wood Only)</b>  <i>Includes:</i>                  2 – Ogee Lugs – 10500673                  2 – Retainers – 10500672                  2 – #7 x 1 1/4" Panhead screws (11807119)</p>		11894145										
	<p><b>Top Sash Tilt Latch Assembly, Wood</b>  <i>Includes:</i>                  1 – Tilt latch assembly                  1 – #7x1 1/4" Phillips flathead wood screws</p>	BG	10500555										
	<p><b>Sash Lift</b>  <i>Note: Screws are included with part numbers listed on right.</i>                  1 – Sash lift                  2 – #8 x 1" Slotted ovalhead sheet metal screws                  Part number listed below are for screws only.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">WH-11800887</td> <td style="width: 50%;">AB-11800890</td> </tr> <tr> <td>BZ-11800888</td> <td>SC-11800891</td> </tr> <tr> <td>TP -11800886</td> <td>ORBZ-11800893</td> </tr> <tr> <td>BS-11800889</td> <td>SN-11800894</td> </tr> <tr> <td></td> <td>MBK-11800895</td> </tr> </table>	WH-11800887	AB-11800890	BZ-11800888	SC-11800891	TP -11800886	ORBZ-11800893	BS-11800889	SN-11800894		MBK-11800895	TP BZ WH BS AB SC SN ORBZ MBK	10500598 10500557 10500556 10500558 10500597 10500596 10500602 10500601 10500577
WH-11800887	AB-11800890												
BZ-11800888	SC-11800891												
TP -11800886	ORBZ-11800893												
BS-11800889	SN-11800894												
	MBK-11800895												
	<p><b>Sill Liner End Plug</b></p>	LH (Black)  RH (Natural)	11867836  11867837										
	<p><b>#8 x 1" Screw for Jamb Liner</b></p>		11800540										
	<p><b>T Nut and Screws (package)</b>  <i>Includes:</i>                  4 – T-nuts (05080250)                  4 – #8 x 1 1/8" machine screws(11800657)</p>		05570911										

<b>ILLUSTRATION</b> <i>NOT TO SCALE</i>	<b>DESCRIPTION</b>	<b>COLOR</b>	<b>PART NO.</b>
	<b>Balance Tube Tensioning Tool</b>		05570910
	<b>Window Opening Control Device Kit</b>  <i>Includes:</i> 2 - Control Devices 2 - Strike Plates 6 - Color Match Screws, #7x7/8" (22)	WH BZ BS SC PC AB TP ORBZ SN	11850640 11850641 11850642 11850643 11850644 11850645 11850646 11850647 11850648

**ULTIMATE DOUBLE HUNG MAGNUM AND ULTIMATE DOUBLE HUNG MAGNUM ROUND TOP**

When ordering replacement balance tubes please specify the following information:

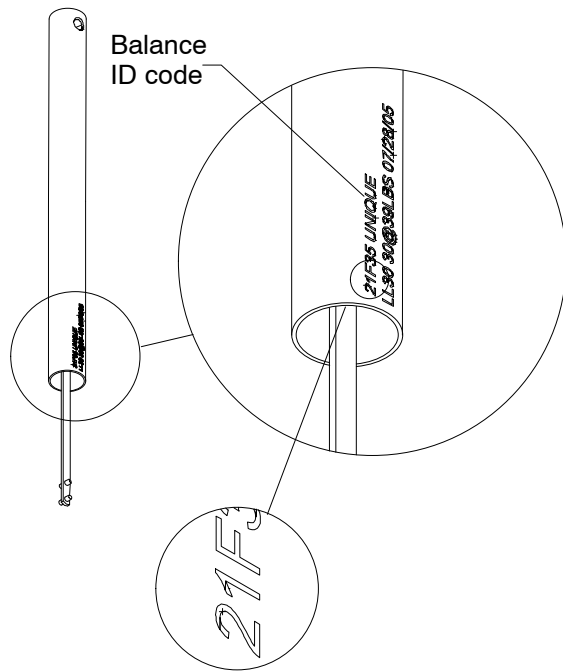
1. Provide original order number if available
2. Provide part number\*. The part number can be determined from the chart provided below, which is based on the balance ID code.  
 NOTE: Information is imprinted on tube. (see illustration)
3. Specify top or bottom sash;
4. Specify quantity. Do **NOT** specify as *pairs* or *sets*. If one tube is needed, specify: quantity of 1. If four tubes are needed, specify a quantity of 4. Part numbers listed below are for one balance only.

\* In some applications, a part number may not be available. In that case, please provide the ID code.

NOTE: Balance tube replacement can be a difficult process. Please consult the following service instructions: Sash Removal and Replacement – UDHM; Balance Tube and Jamb Liner – UDHM

NOTE: The Clutch needs to be ordered separately.

Converting standard travel to full travel balance tubes in the field is not recommended on mullied assemblies.



21 = Balance Length  
 F = Balance Call Letter

		Balance Length					
		8"	16"	21"	29"	39"	50"
Balance Call Letter	A	10700108	10700116	10700121	10700129		
	B	10700208	10700216	10700221	10700229		
	C	10700308	10700316	10700321	10700329	10700339	10700350
	D	10700408	10700416	10700421	10700429	10700439	10700450
	E	10700508	10700516	10700521	10700529	10700539	10700550
	F	10700608	10700616	10700621	10700629	10700639	10700650
	G	10700708	10700716	10700721	10700729	10700739	10700750
	H	10700808	10700816	10700821	10700829	10700839	10700850
	I	10700908	10700916	10700921	10700929	10700939	10700950
	J		10701016	10701021	10701029	10701039	10701050
	K			10701121	10701129	10701139	10701150
	L			10701221	10701229	10701239	10701250
	M			10701321	10701329	10701339	10701350
	N			10701421	10701429	10701439	10701450
	O			10701521	10701529	10701539	10701550
	P			10701621	10701629	10701639	10701650
	Q			10701721		10701739	10701750
	R			10701821		10701839	10701850
	S			10701921		10701939	10701950
	T			10702021		10702039	10702050
	U			10702121			10702150
	V			10702221			10702250
	W			10702321			10702350
	X			10702421			10702450

## JAMB CARRIERS

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### ORDERING REPLACEMENT JAMB CARRIERS

When ordering jamb carriers for WUDHM units, please provide the following information:

1. Provide original order number
2. Specify color (beige or white)
3. Specify left, right or pair as viewed from the exterior

Replacement vinyl jamb carriers will be cut to fit according to the original order number with holes punched in the proper locations.

Balance tubes, clad/wood fillers and weather strips are not included with the above. If needed order:

For Wood Unit:

Top Sash – Exterior Jamb Filler (W8927)

Lower Jamb Hardware Weather Strip (V1419), Interior Wood Jamb Filler (W8878)

Jamb carrier replacement can be a difficult process. Please consult the following service instructions: Sash Removal and Replacement – UDHM; Balance Tube and Jamb Liner – UDHM, available at [marvin.com](http://marvin.com) or contact your Marvin representative.

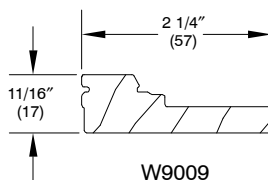
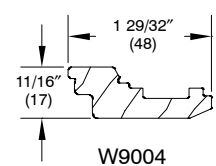
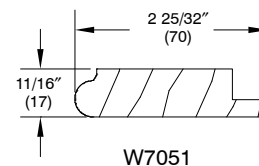
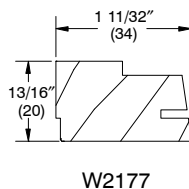
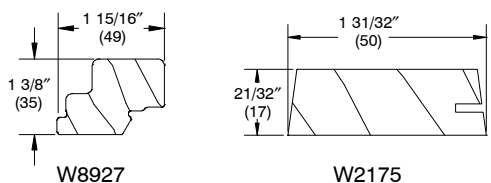
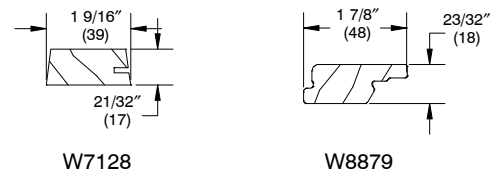
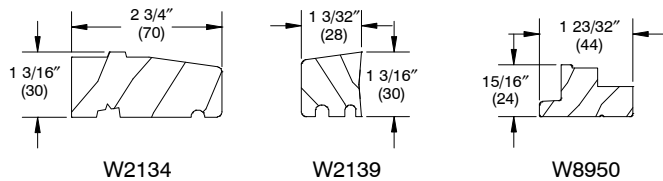
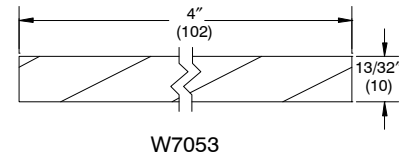
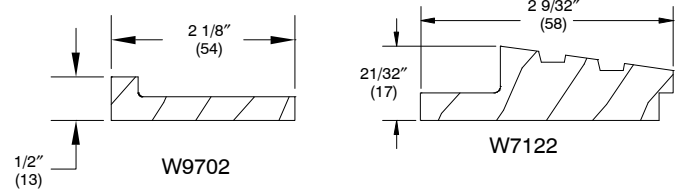
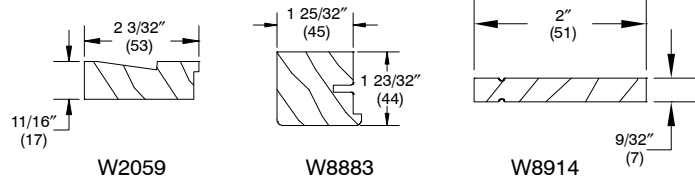
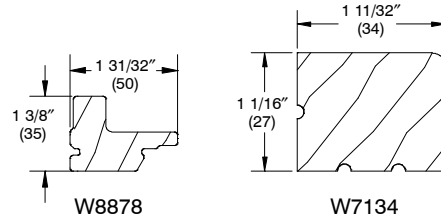
NOTE: Jamb Hardware Assemblies Complete are not available for Ultimate Double Hung Magnum units. Balances and jamb carriers must be ordered separately.

**REPLACEMENT PARTS FOR  
 WOOD ULTIMATE DOUBLE HUNG MAGNUM**

To order replacement parts specify:

1. profile number
2. size of unit
3. length

Replacement Wood Parts	
Part	WUDHM
Interior Jamb Filler	W8878
Interior Sash Stop – Pic/Transom	W7134
2" Jamb Extension	W2059
Header Jamb Parting Stop	W8883
Sill Liner	W8914
Sill Liner – Picture	W9702
Sill Filler – Transom	W7122
Header Jamb to Sill Filler –Horizontal Mullion	W7053
Subsill	W2134
Sill Nosing	W2139
Jamb Blind Stop	W8950
Head Jamb Exterior Filler	W7128
Jamb Exterior Filler (Upper)	W8879
Jamb Exterior Filler (Lower)	W8927
Exterior Head Jamb Filler – Picture/Transom	W2175
Exterior Jamb Filler – Picture/Transom	W2177
Stool (field applied)	W7051
	72" 31310721
	144" 31310720
Single Hung Filler	W9004
Single Limiter	W9009



**REPLACEMENT PARTS FOR  
WOOD ULTIMATE DOUBLE HUNG MAGNUM**

To order replacement parts specify:

1. profile number
2. size of unit
3. length

Vinyl Replacement Parts	
Part	WUDHM
Sash Retainer - Picture and Transom	V130
Connecting Barb - Picture and Transom	V803



V130



V803

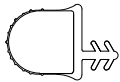

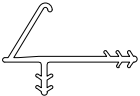
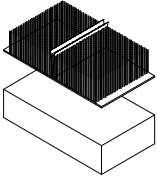




# WEATHER STRIP

## ORDERING REPLACEMENT WEATHER STRIP FOR ULTIMATE DOUBLE HUNG AND SINGLE HUNG MAGNUM

When ordering replacement weather strip specify:

1. quantity;
2. color;
3. part number;
4. description.

ILLUSTRATION (NOT TO SCALE)	DESCRIPTION	LENGTH	PART NUMBER
	<b>Frame Weather Strip</b> V1419 Color: BG WH	150" (3810) 150" (3810)	15353499 15360499
	<b>Top Check Rail Weather Strip, Wood – Operator and Transom</b> V031 Color: BG	Specify length	15351799
	<b>Head Jamb Parting Stop</b> V945 Color: BG	70" (1778)	15352470
	<b>Check Rail Plug and Pile Weather Strip</b> <i>Includes:</i> 1 – Check Rail Pile 1 – Foam Check Rail Plug Color: BG WH		10500420 10500421
	<b>Bottom Rail or Frame Weather Strip, Wood</b> V147	150" (3810)	15351699
	<b>Frame Weather Strip – Picture and Transom</b> Color: Gray	25' Roll	11406223

**SASH REPLACEMENT****ORDERING REPLACEMENT SASH FOR WOOD ULTIMATE DOUBLE HUNG MAGNUM**

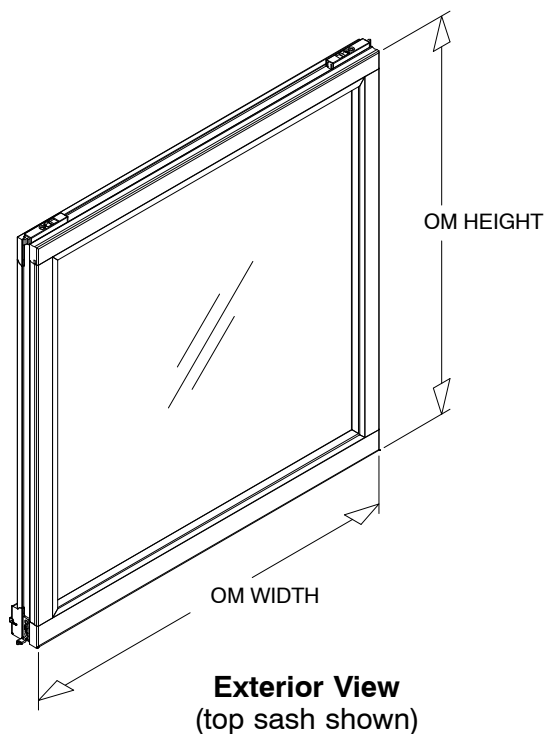
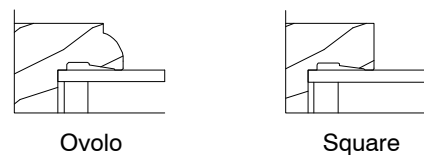
When ordering replacement sash specify:

1. which sash is being replaced – top, bottom or pair;
2. size;
  - a. top or bottom (OM of sash)
  - b. pair (sash opening – indicate if unequal sash height)
3. glazing;
4. order number.
5. special wood species (if applicable).
6. sticking (see illustration).
  - a. ovolo
  - b. square

**ORDERING REPLACEMENT PICTURE SASH FOR WOOD ULTIMATE DOUBLE HUNG MAGNUM**

When ordering replacement picture sash specify:

1. size (OM of sash);
2. glazing;
3. order number.
4. special wood species.
5. sticking (see illustration).
  - a. ovolo
  - b. square

**Sticking Profiles**

**TO ORDER FULL AND HALF SCREENS FOR ULTIMATE MAGNUM AND IZ3 UNITS**

Full screens are standard with aluminum surround and Hi-Transparency fiberglass mesh. Aluminum mesh is available as an option in black, charcoal, bright aluminum or bright bronze. Determine the outside measurement of the existing screen. Surrounds are available in all standard and select colors.

When ordering a replacement screen specify:

1. size; – Obtain the OM of the screen, from the exiting unit or determine the size of the screen by using the conversion charts below. The daylight opening is the measurement of the visible glass.
2. surround color;
3. mesh type (if other than standard).

NOTE: All screens feature plunger type mounting system.

**FULL AND HALF SCREEN CONVERSIONS FOR ULTIMATE MAGNUM AND IZ3 UNITS****Full Screen Wood Ultimate Magnum**

**Daylight Opening of one sash (if equal height) to OM of screen.**

Daylight Width + 4 15/16" = OM Width of Screen

Daylight Height x 2 + 9 1/4" = OM Height of Screen

**Half Screen Wood Ultimate Magnum**

**Daylight Opening to OM of Half Screen**

Daylight Width + 4 15/16" = OM Width of Screen

Daylight Height + 6 1/16" = OM Height of Screen

**WUDH Magnum IZ3 Full and Half Size**

**Daylight Opening to OM of Full Screen**

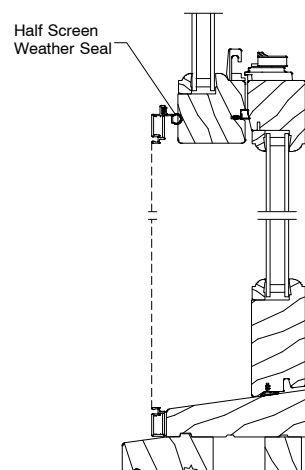
Daylight Width + 6 9/16" = OM Width of Screen

Daylight Height x 2 + 10 1/16" = OM Height of Screen

**Daylight Opening to OM of Half Screen**

Daylight Width + 6 9/16" = OM Width of Screen

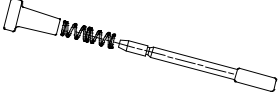
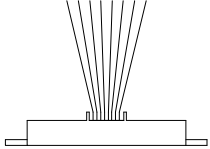


Daylight Height + 6 3/32" = OM Height of Screen



Wood  
WUSHM

**SCREEN PARTS**

When ordering replacement parts specify quantity and part number.

ILLUSTRATION <i>NOT TO SCALE</i>	DESCRIPTION	COLOR	PART NO.
	<p><b>Plunger and Spring Assembly</b> UDH, USH Used 2/2012 to present <i>NOTE: Used on the extruded screen</i> <i>Includes:</i> 1 – Plunger bolt (metal) 1 – Plunger bolt cap (black) 1 – Plunger bolt spring</p>	Black	10500706
	<p><b>Sash Pile Weather Strip</b> V2173 Specify lineal foot</p>	Gray	15607501
	<p><b>1/2 Screen Weather Strip</b> V2113 Specify lineal foot</p>	BG	15361399
	<p><b>Screen Mounting Kit Wood Units</b> WUDH, WUSH <i>Includes:</i> 6 – Screen Mounting Receptacles (11867851) 1 – Instruction Sheet</p>	Clear	11851128

**ORDERING REPLACEMENT ENERGY PANELS FOR  
WOOD ULTIMATE DOUBLE HUNG MAGNUM**

If you are replacing an existing energy panel, determine the outside measurement of the existing energy panel. Find the sizes that correspond to the width and height indicated on the following chart. Energy panels are available for Wood Ultimate Double Hung Magnum with bronze or stone white aluminum surrounds. Replacement parts and turn buttons are available in the Misc Moulding Chapter.

When ordering energy panels specify:

1. size; If there is no existing EP from which to obtain the OM of the panel, determine the size of the EP by using the conversion chart below. The daylight opening is the measurement of the visible glass.
2. color of surround;
3. glass type.

**Wood Ultimate Double Hung Magnum  
and Single Hung Magnum****Daylight Opening to OM of EP**

Daylight Width + 1 1/8" = OM Width of EP

Daylight Height + 1 1/8" = OM Height of EP

NOTE: OM should not include lip.

**ORDERING REPLACEMENT COMBINATIONS AND/OR INSERTS FOR  
WOOD ULTIMATE DOUBLE HUNG MAGNUM**

Combination units are composed of two glass panels and a screen insert. One of the storm panels slides up for self storage when the screen is in use.

When ordering replacement combinations and/or inserts determine the outside measurement of the existing items or use the following conversions if none exists. Use the following charts based on daylight openings of the primary window sash (clad ultimate double hung sash) to determine combination size and component sizes. Aluminum surround on combinations are available in bronze, stone white, brown, pebble gray and evergreen. Charcoal aluminum wire screen is standard. Fiberglass mesh screen is available as an option.

When ordering replacement combinations specify:

1. size; – Measure the existing unit for OM of the combination or determine the size of the combination by using the conversion charts below. The daylight opening is the measurement of the clad ultimate double hung sash visible glass (provide measurements of both sash if unequal height).
2. color;
3. mesh type (if other than standard);
4. glass type.

**Wood Ultimate Double Hung Magnum Combination Units.****Wood Ultimate Double Hung Magnum****Daylight Opening to OM of  
Combination**

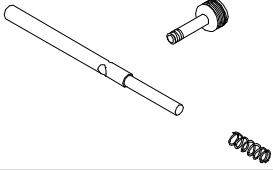

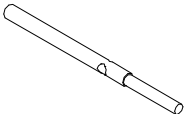



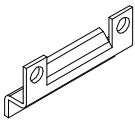

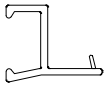
Daylight Width + 4 15/16" = OM Width of  
Combination

Daylight Height x 2+9 7/16" = OM Height  
of Combination

# COMBINATION PARTS

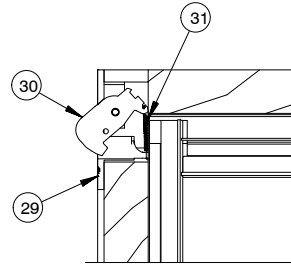
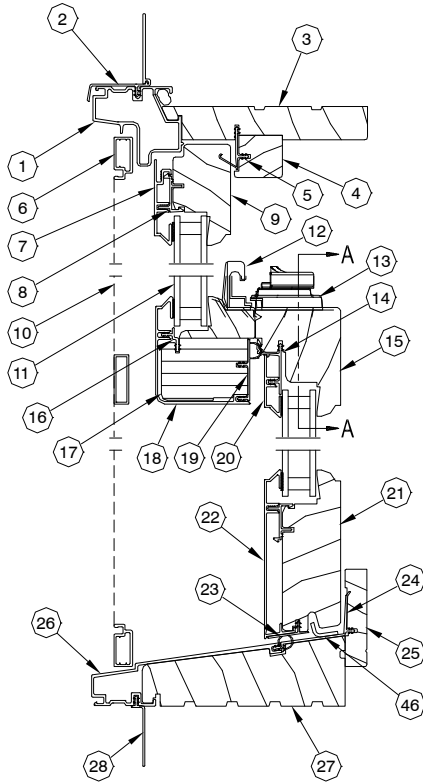
Combination units are composed of two glass panels and a screen insert. One of the storm panels slides up for self storage when the screen is in use.

When ordering replacement parts specify part number and quantity.

ILLUSTRATION NOT TO SCALE	DESCRIPTION	COLOR	PART NO.
	<p><b>Knob, Bolt and Spring Assembly</b> Includes: 2 – Aluminum knobs 2 – Combination bolt and spring assemblies</p>		11900515
	<p><b>Knurl Knob</b> For bolt and spring assembly Includes: 2 – Knobs</p>	Aluminum SS	11101705 03050111
	<p><b>Bolt</b> For bolt and spring assembly</p>	Aluminum SS	11101700 03050112
<p>LH  RH </p>	<p><b>Turn Latch</b> M062 Wood only</p>	LH Mill Finish RH Mill Finish	11860411 11860311
	<p><b>Hook, Long</b> Includes: 1 – Hook 2 – #6x5/16" truss head screws.</p>	Mill Finish	11040100
	<p><b>Strike, Stationary Panel</b> M600 Includes: 1 – Strike 2 – #6x5/16" truss head screws</p>	Mill Finish	11040365
	<p><b>Dual Seal Weather strip, Center Rail</b> V116 – 84" (2134)</p>	WH	15828400
 <p>To order track specify: 1 – profile 2 – OM of combination 3 – left, right, top or bottom 4 – color</p>	<p><b>Operator Panel Track</b> V057</p>	Black White	15222200 15222100

**CLAD ULTIMATE DOUBLE HUNG MAGNUM**

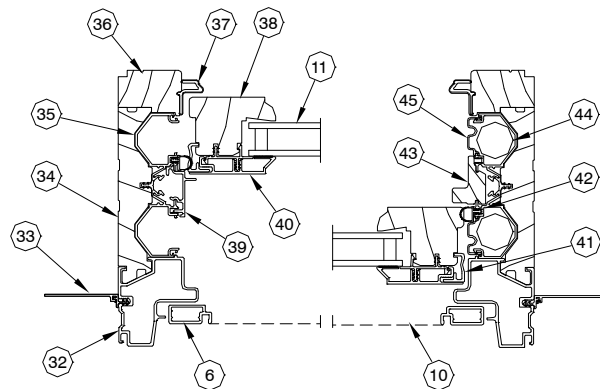
**Obsolete: 06-25-2018**



**HEAD JAMB  
 AND SILL DETAIL**

1. Head Jamb Cladding
2. Head Jamb Nailing Fin/Drip Cap
3. Head Jamb
4. Parting Stop, W8883
5. Parting Stop Weather strip, V945
6. Screen Frame
7. Top Rail Cladding
8. Sash Cladding Connector, V929
9. Top Rail
10. Screen Mesh
11. Insulating Glass
12. Sash Keeper
13. Sash Lock
14. Bottom Checkrail Cladding Connector
15. Bottom Checkrail
16. Top Checkrail Cladding Connector, V929
17. Top Checkrail
18. Top Checkrail Cladding
19. Top Checkrail Weather strip, V920
20. Bottom Checkrail Cladding
21. Bottom Rail
22. Bottom Rail Cladding
23. Bottom Rail Weather strip, V937
24. Sill Cover
25. Sill Liner, W8860
26. Sill Cladding
27. Sill
28. Sill Nailing Fin
29. End Plate
30. Locking Blade
31. Extension Spring
32. Jamb Cladding
33. Side Jamb Nailing Fin
34. Side Jamb
35. Vinyl Jamb Carrier, V1375
36. Jamb Liner, W8877
37. Wood Wrap Interior Stop
38. Stile
39. Clad Jamb Filler, A1388
40. Stile Cladding
41. Contact Strip, V1500
42. Frame Weather strip, V1419
43. Interior Wood Jamb Filler, W8878
44. Sash Balance Tube
45. Balance Cover
46. Sill Bracket

**JAMB  
 DETAIL**

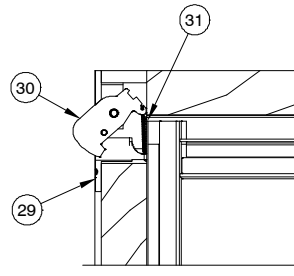
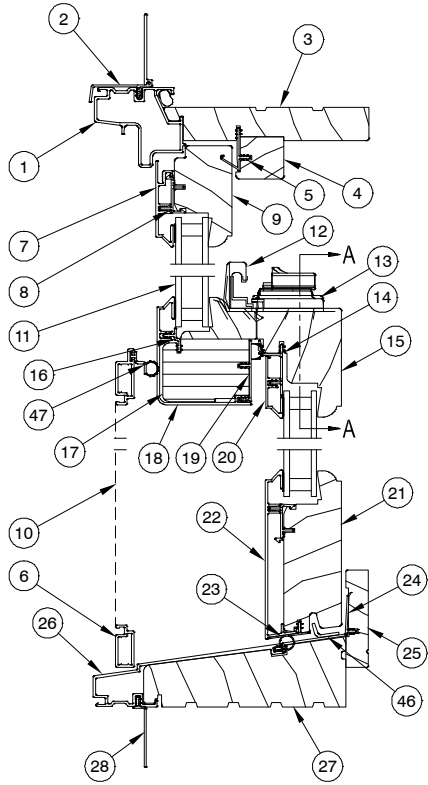


NOTE: Not to scale; specifications subject to change without notice.



**CLAD ULTIMATE SINGLE HUNG MAGNUM**

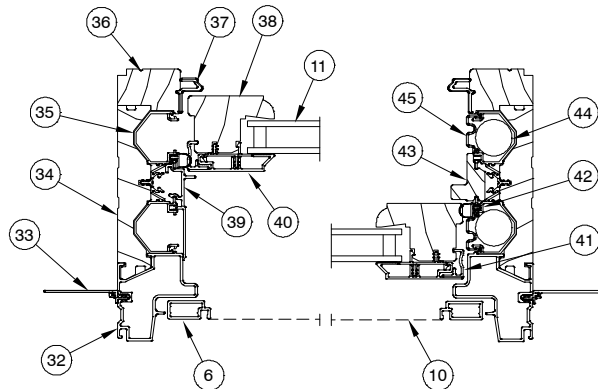
Obsolete: 06–25–2018



**HEAD JAMB  
 AND SILL DETAIL**

1. Head Jamb Cladding
2. Head Jamb Nailing Fin/Drip Cap
3. Head Jamb
4. Parting Stop, W8883
5. Parting Stop Weather strip, V945
6. Screen Frame
7. Top Rail Cladding
8. Sash Cladding Connector, V929
9. Top Rail
10. Screen Mesh
11. Insulating Glass
12. Sash Keeper
13. Sash Lock
14. Bottom Checkrail Cladding Connector
15. Bottom Checkrail
16. Top Checkrail Cladding Connector, V929
17. Top Checkrail
18. Top Checkrail Cladding
19. Top Checkrail Weather strip, V920
20. Bottom Checkrail Cladding
21. Bottom Rail
22. Bottom Rail Cladding
23. Bottom Rail Weather strip, V937
24. Sill Cover
25. Sill Liner, W8860
26. Sill Cladding
27. Sill
28. Sill Nailing Fin
29. End Plate
30. Locking Blade
31. Extension Spring
32. Jamb Cladding
33. Side Jamb Nailing Fin
34. Side Jamb
35. Vinyl Jamb Carrier, V1375
36. Jamb Liner, W8877
37. Jamb Liner Stop, A1402
38. Stile
39. Clad SH Jamb Filler, A1413
40. Stile Cladding
41. Contact Strip, V1500
42. Frame Weather Strip, V1419
43. Wood Jamb Filler, W8878
44. Sash Balance Tube
45. Balance Cover
46. Sill Bracket
47. 1/2 Screen Foam Liner

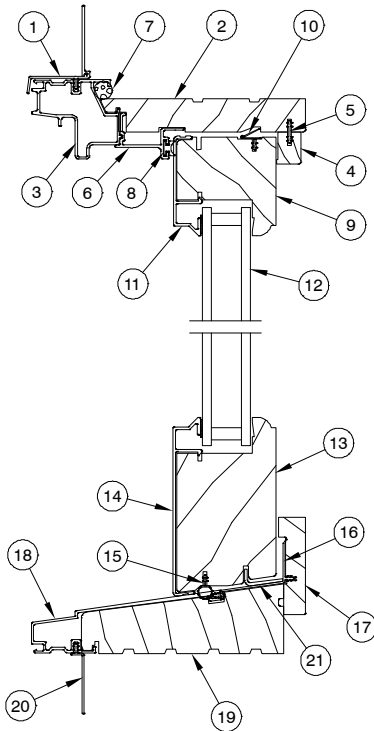
**JAMB  
 DETAIL**



NOTE: Not to scale; specifications subject to change without notice.

**CLAD ULTIMATE DOUBLE HUNG MAGNUM PICTURE 2"**

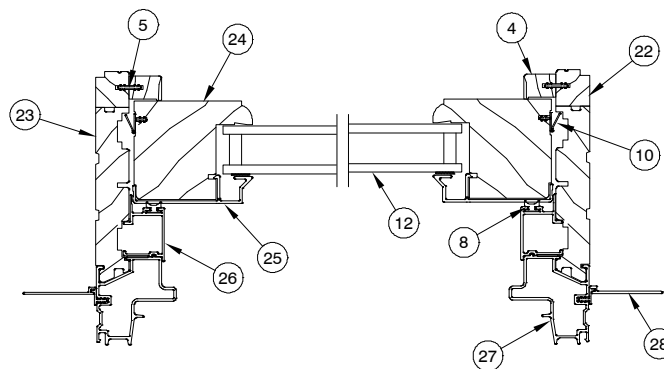
Obsolete: 06-25-2018



**HEAD JAMB  
 AND SILL DETAIL**

1. Head Jamb Nailing Fin/Drip Cap
2. Head Jamb
3. Head Jamb Cladding
4. Interior Sash Stop, W3111
5. Connecting Barb
6. Head Jamb Filler Cladding
7. Foam Backer Rod
8. Filler Weather strip, V196
9. Top Rail
10. Vinyl Retainer, V1207
11. Top Rail Cladding
12. Insulating Glass
13. Bottom Rail
14. Bottom Rail Cladding
15. Bottom Rail Weather strip, V147
16. Sill Cover, V931
17. Sill Liner, W8991
18. Sill Cladding
19. Sill
20. Sill Nailing Fin
21. Sill Bracket
22. Jamb Liner, W2025
23. Jamb
24. Stile
25. Stile Cladding
26. Jamb Filler Cladding
27. Jamb Cladding
28. Jamb Nailing Fin

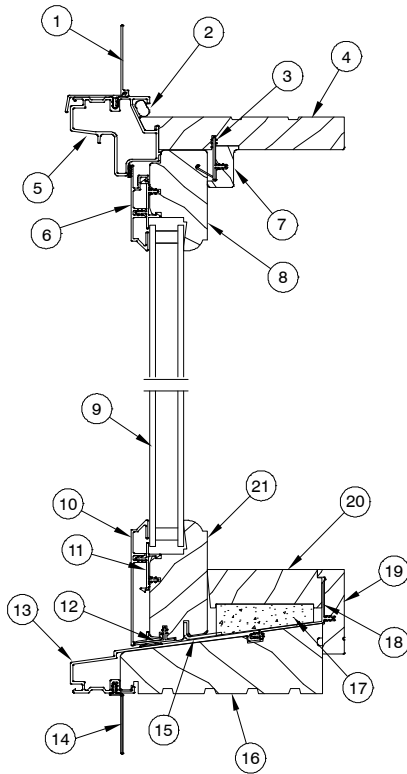
**JAMB  
 DETAIL**



NOTE: Not to scale; specifications subject to change without notice.

**OBSOLETE CLAD ULTIMATE DOUBLE HUNG MAGNUM TRANSOM**

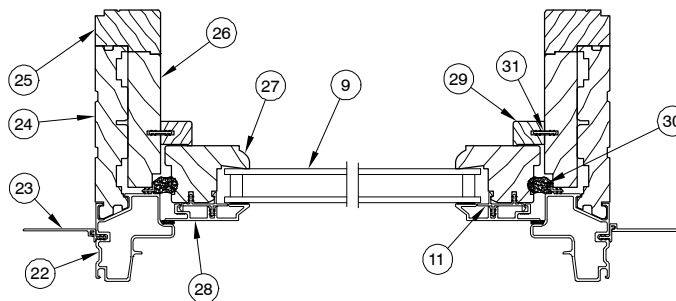
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**HEAD JAMB  
 AND SILL DETAIL**

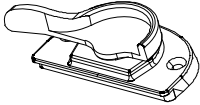
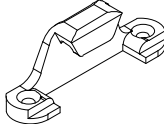
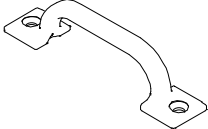
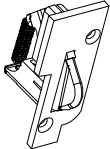
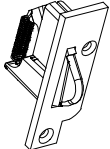
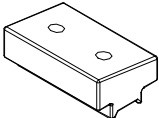
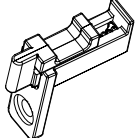
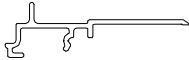
1. Head Jamb Nailing Fin/Drip Cap
2. 3/8" Foam Backer Rod
3. Connecting Barb
4. Head Jamb
5. Head Jamb Cladding
6. Top Rail Cladding
7. Head Jamb Part Stop, W8969
8. Top Rail
9. Insulated Glass
10. Bottom Rail Cladding
11. Sash Cladding Connector
12. Bottom Rail Weather strip, V937
13. Sill Cladding
14. Sill Nailing Fin
15. Sill Bracket
16. Sill
17. Foam Sill Filler
18. Sill Cover, V931
19. Sill Liner, W8589
20. Sill Filler, W8591
21. Bottom Rail
22. Jamb Cladding
23. Jamb Nailing Fin
24. Jamb
25. Interior Jamb Liner
26. Jamb Filler
27. Stile
28. Stile Cladding
29. Interior Sash Stop, W3111
30. Frame Weather strip, V2510

**JAMB  
 DETAIL**



NOTE: Not to scale; specifications subject to change without notice.

# OBSOLETE PARTS

ILLUSTRATION NOT TO SCALE	DESCRIPTION	COLOR	PART NO.
	<p><b>Sash Lock</b> Includes: 1 - Sash lock 2 - #7x7/8" Phillips FH wood screws PC 11800790</p>	PC	10500812
	<p><b>Keeper</b> Includes: 1 - Keeper 2 - #7x7/8" Phillips FH wood screws PC 11807128</p>	PC	10500795
	<p><b>Sash Lift</b> Includes: 1 - Sash lift 2 - #8 x 1" Slotted OH sheet metal screws PC 11800892</p>	PC	10500595
	<p><b>Clad End Plate Assembly</b> Includes: 1 - Pivot Latch End Plate 1 - Multi-Point Locking Blade 1 - Extension Spring</p>	LH RH	10500688 10500689
	<p><b>Wood End Plate Assembly</b> Includes: 1 - Pivot Latch End Plate 1 - Multi-Point Locking Blade 1 - Extension Spring</p>	LH RH	10500686 10500687
	<p><b>Mulling Plug</b> <b>Clad Only</b> Includes: 1 - Mulling plug 2 - #8 x 1 1/2" Flat head stainless steel screws</p>		10500537
	<p><b>Top Sash Tilt Latch Assembly, Clad</b> Includes: 1 - Tilt latch assembly 1 - #7x1 1/4" Phillips pan head wood screws (11807141)</p>	BG	10500561
	<p><b>Single Hung Jamb Filler</b> A1413, 150"</p>	BN PB BZ EG SW	18628198 18628298 18628398 18628498 18628598

## OBSOLETE JAMB CARRIERS

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### ORDERING REPLACEMENT JAMB CARRIERS

When ordering jamb carriers for CUDHM units, please provide the following information:

1. Provide original order number
2. Specify color (beige or white)
3. Specify left, right or pair as viewed from the exterior

Replacement vinyl jamb carriers will be cut to fit according to the original order number with holes punched in the proper locations.

Balance tubes, clad/wood fillers and weather strips are not included with the above. If needed order:

For Clad Unit:

Top Sash – Clad Jamb filler (A1388)

Lower Jamb Hardware Weather Strip (V1419), Interior Wood Jamb Filler (W8878)

Jamb carrier replacement can be a difficult process. Please consult the following service instructions: [Sash Removal and Replacement](#) – UDHM; [Balance Tube and Jamb Liner](#) – UDHM, available at [marvin.com](http://marvin.com) or contact your Marvin representative.

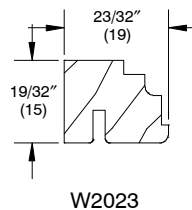
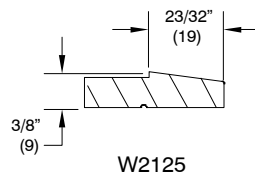
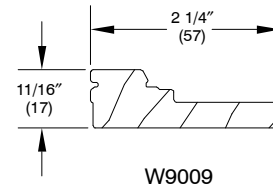
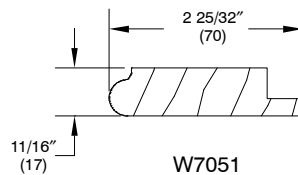
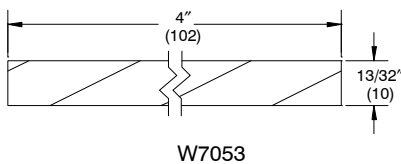
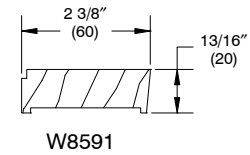
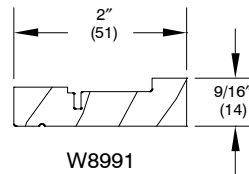
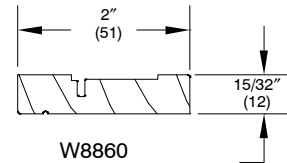
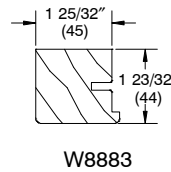
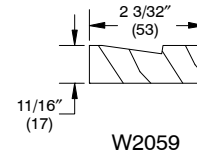
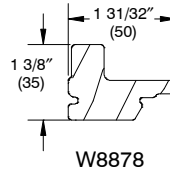
NOTE: Jamb Hardware Assemblies Complete are not available for Ultimate Double Hung Magnum units. Balances and jamb carriers must be ordered separately.

**REPLACEMENT PARTS FOR OBSOLETE CLAD ULTIMATE DOUBLE HUNG MAGNUM**

To order replacement parts specify:

1. profile number
2. size of unit
3. length
4. clad color

Replacement Wood Parts		CUDHM
Interior Jamb Filler		W8878
2" Jamb Extension		W2059
Header Jamb Parting Stop		W8883
Sill Liner		W8860
Sill Liner – Picture		W8991
Sill Filler – Transom		W8591
Header Jamb to Sill Filler – Horizontal Mullion		W7053
Stool (field applied)	72" 144"	W7051 31310721 31310720
Single Limiter		W9009
Top Blind Stop		W2125
Jamb Block – Picture		W2023

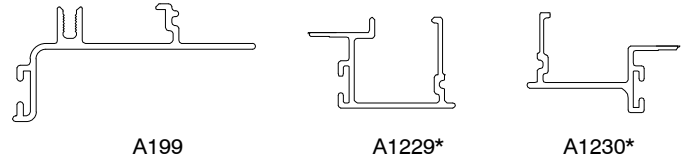


**TO ORDER OBSOLETE REPLACEMENT ALUMINUM AND VINYL PARTS**

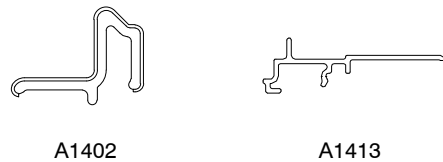
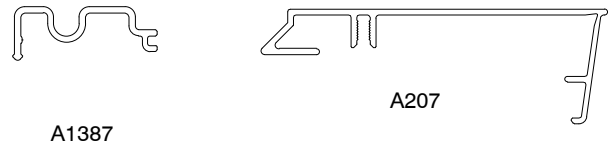
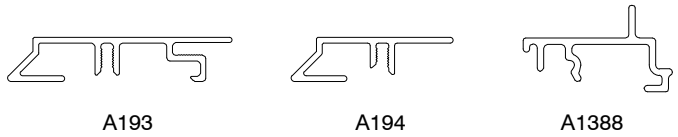
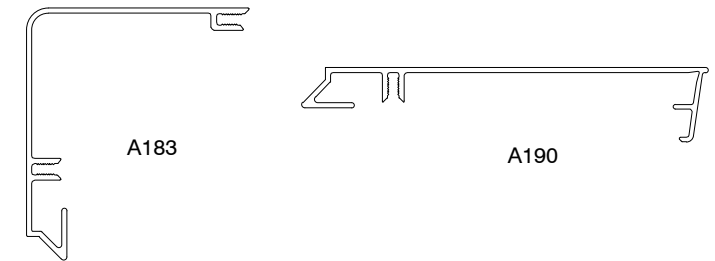
When ordering replacement aluminum parts specify:

1. original order number;
2. type of unit;
3. profile number;
4. color;
5. rough opening or lineal length.

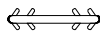
Please reference the MiscMould chapter for available select and standard color part numbers.



Aluminum Replacement Parts	
Part	CUDHM
Jamb Filler –CUDHP	A199
Exterior Jamb Filler (used on 2" sash)*	A1229*
Exterior Head Jamb Filler (used on 2" sash)*	A1230*
Top Sash Check Rail	A183
Bottom Rail – Picture and Operator	A190
Top Rail, Stile – Picture, Transom, Operator	A193
Check Rail – Operator Bottom	A194
Aluminum Jamb Filler – Operator	A1388
Bottom Rail – Transom	A207
Wood Wrap Aluminum Interior Stop	A1402
Balance Cover <i>Specify Top or Bottom, White or Beige</i>	A1387
Single Hung Jamb Filler	A1413
Vinyl Replacement Parts	
Part	CUDHM
Sash Retainer –Picture and Transom	V130
Connecting Barb –Picture and Transom	V803
Contact Strip	V1500
Sash Clad Connector	V946
Bottom Sash Check Rail Connector	V929



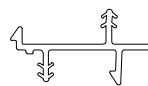
V130



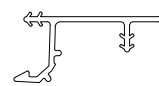
V803



V1500



V946



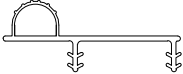


V929

# OBSOLETE WEATHER STRIP

## ORDERING REPLACEMENT WEATHER STRIP FOR OBSOLETE CLAD ULTIMATE DOUBLE HUNG AND SINGLE HUNG MAGNUM

When ordering replacement weather strip specify:

1. quantity;
2. color;
3. part number;
4. description.

ILLUSTRATION (NOT TO SCALE)	DESCRIPTION	LENGTH	PART NUMBER
	<b>Top Check Rail Weather Strip, Clad</b> V920 Color: BG	100" (2540)	15350399
	<b>Filler Weather Strip –Picture, Clad only</b> V196 Color: Black	Specify length	15351599
	<b>Picture/Transom Top Rail and Stile Sash Weather Strip – Clad only</b> V1297	Specify length	15351499
	<b>Bottom Rail or Frame Weather Strip, Clad</b> V937	100" (2540)	15350799



## ORDERING REPLACEMENT SASH FOR CLAD ULTIMATE DOUBLE HUNG MAGNUM

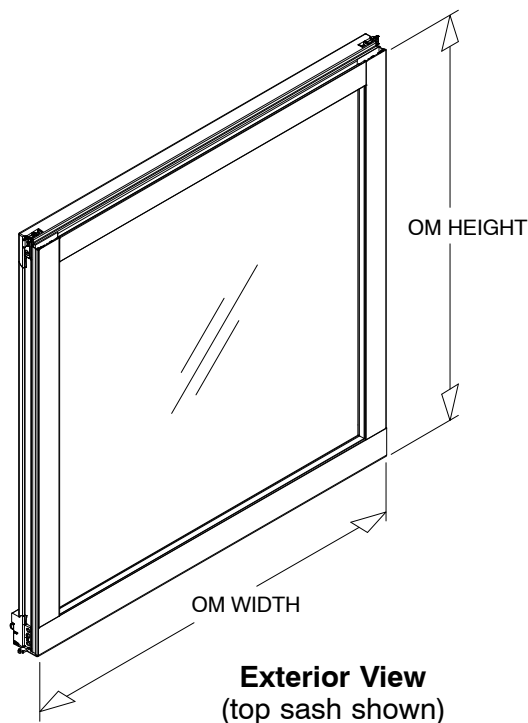
When ordering replacement sash specify:

1. sash to replace – top, bottom or pair;
2. size;
  - a. top or bottom (OM of sash)
  - b. pair (sash opening – indicate if unequal sash height)
3. glazing;
4. clad color and interior finish;
5. order number.
6. special wood species (if applicable)
7. sticking (see illustration).
  - a. ovolo
  - b. square

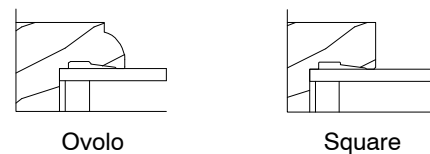
## ORDERING REPLACEMENT PICTURE SASH FOR CLAD ULTIMATE DOUBLE HUNG MAGNUM

When ordering replacement picture sash specify:

1. size (OM of sash);
2. glazing;
3. clad color and interior finish;
4. order number.
5. special wood species.
6. sticking (see illustration).
  - a. ovolo
  - b. square



### Sticking Profiles



**TO ORDER FULL AND HALF SCREENS FOR CLAD ULTIMATE MAGNUM UNITS**

Full screens are standard with aluminum surround and Hi-Transparency fiberglass mesh. Aluminum mesh is available as an option in black, charcoal, bright aluminum or bright bronze. Determine the outside measurement of the existing screen. Surrounds are available in all standard and select colors.

When ordering a replacement screen specify:

1. size; – Obtain the OM of the screen, from the exiting unit or determine the size of the screen by using the conversion charts below. The daylight opening is the measurement of the visible glass.
2. surround color;
3. mesh type (if other than standard).

NOTE: All screens feature plunger type mounting system.

**FULL AND HALF SCREEN CONVERSIONS FOR CLAD ULTIMATE MAGNUM UNITS****Full Screen Clad Ultimate Magnum**

**Daylight Opening of one sash (if equal height) to OM of screen.**

Daylight Width + 4 3/8" = OM Width of Screen

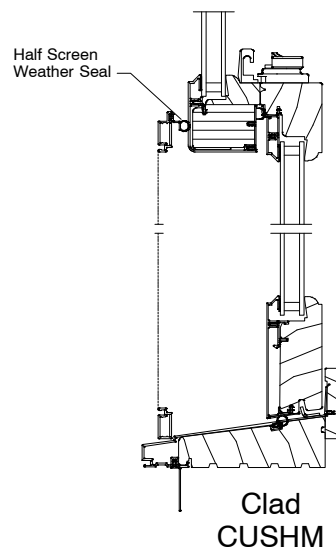
Daylight Height x 2 + 8 21/32" = OM Height of Screen

**Half Screen Clad Ultimate Magnum**

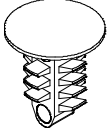
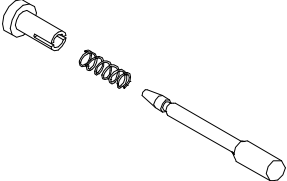
**Daylight Opening to OM of Half Screen**

Daylight Width + 4 3/8" = OM Width of Screen

Daylight Height + 5 5/16" = OM Height of Screen



When ordering replacement parts specify quantity and part number.

<b>ILLUSTRATION</b> <i>NOT TO SCALE</i>	<b>DESCRIPTION</b>	<b>COLOR</b>	<b>PART NO.</b>
	<b>Weep Bump Clad Units</b> CUDH, CUSH	Black	10500095
	<b>Plunger and Spring Assembly</b> UDHM, UDHMRT, MDH Used pre 02/2012 <i>Includes:</i> 1 - Plunger bolt (metal) 1 - Plunger bolt cap (black) 1 - Plunger bolt spring	Black	03070731

**ORDERING REPLACEMENT COMBINATIONS AND/OR INSERTS FOR  
OBSOLETE CLAD ULTIMATE DOUBLE HUNG MAGNUM**

Combination units are composed of two glass panels and a screen insert. One of the storm panels slides up for self storage when the screen is in use.

When ordering replacement combinations and/or inserts determine the outside measurement of the existing items or use the following conversions if none exists. Use the following charts based on daylight openings of the primary window sash (clad ultimate double hung sash) to determine combination size and component sizes. Aluminum surround on combinations are available in bronze, stone white, brown, pebble gray and evergreen. Charcoal aluminum wire screen is standard. Fiberglass mesh screen is available as an option.

When ordering replacement combinations specify:

1. size; – Measure the existing unit for OM of the combination or determine the size of the combination by using the conversion charts below. The daylight opening is the measurement of the clad ultimate double hung sash visible glass (provide measurements of both sash if unequal height).
2. color;
3. mesh type (if other than standard);
4. glass type.

**Obsolete Clad Ultimate Double Hung Magnum Combination Units.**

**Obsolete  
Clad Ultimate Double Hung Magnum**

**Daylight Opening to OM of  
Combination**


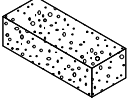
Daylight Width + 4 1/2" = OM Width of  
Combination

Daylight Height x 2+8 23/32" = OM  
Height of Combination

ULTIMATE DOUBLE HUNG MAGNUM AND SINGLE HUNG MAGNUM  
**OBSOLETE COMBINATION PARTS**

Combination units are composed of two glass panels and a screen insert. One of the storm panels slides up for self storage when the screen is in use.

When ordering replacement parts specify part number and quantity.

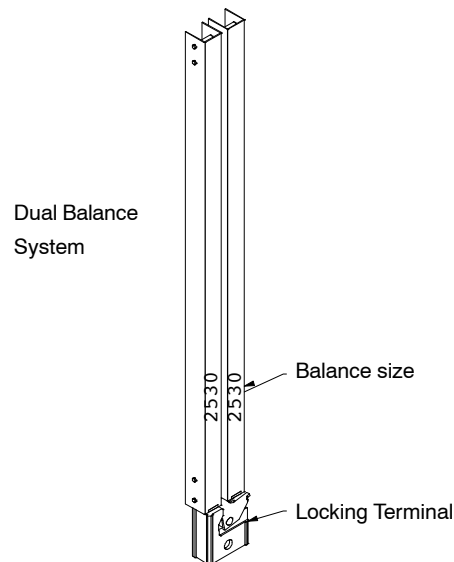
ILLUSTRATION NOT TO SCALE	DESCRIPTION	COLOR	PART NO.
	<b>Air Vent</b> <i>(Clad Only)</i>	BK WH	11867856 11867857
	<b>Installation Screw</b> <i>(Clad Only)</i> #8x3/4 Panhead	SW BN PB BZ EG	02058050 11800836 11800837 11800838 11800839
	<b>Pad, Hook (Clad)</b> M601 3/8"x1/2"x1 5/16"	WH	10500201

**DUAL BALANCE SYSTEMS FOR THE MAGNUM DOUBLE HUNG TILT PAC**

Manufacturer numbers are stamped on the balance tube assembly above the locking terminal.

When ordering a replacement dual balance system, specify the following:

1. Original order number if available
2. The balance size (see illustration). Often the two numbers on the tubes are different. Always provide both numbers. For example: 2530/2530 (both numbers the same), 5210/3220 (different numbers)
3. The top or bottom sash;
4. The weight of the sash.
5. The quantity of dual balance systems. Do **NOT** specify as *pairs* or *sets*. If one system is needed, specify: quantity of 1. If four systems are needed, specify a quantity of 4.



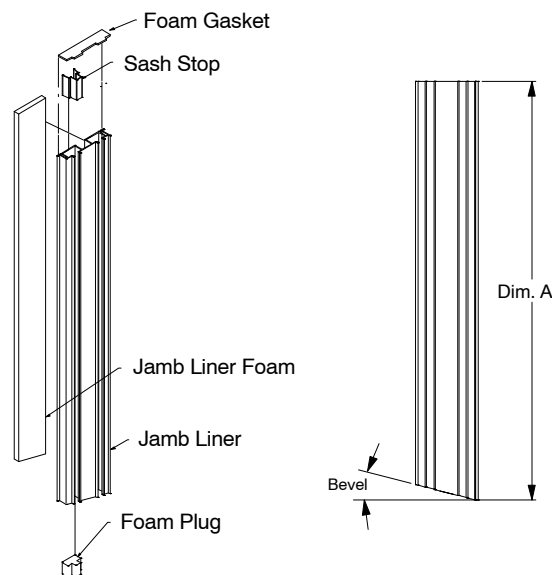
NOTE: If an energy panel was installed after the original purchase, a heavier balance may be necessary.  
NOTE: S-hooks are provided when dual balance systems are ordered.

**JAMB LINERS FOR THE MAGNUM DOUBLE AND SINGLE HUNG TILT PAC**

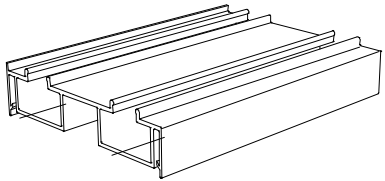
Replacement jamb liners include clip mounted vinyl jamb liners, foam plugs, foam backing, sash stops and foam gaskets.

When ordering replacement jamb liners, specify the following:

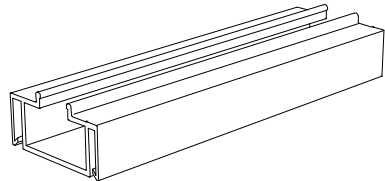
1. Original order number if available
2. The type of Magnum Tilt Pac (double hung or single hung).
3. The length (see dimension A).
4. Specify clip mount.
5. Specify color (white or beige).
6. Provide sill bevel. (Standard bevel is 14°)
7. Specify left, right, or pair (as viewed from exterior).



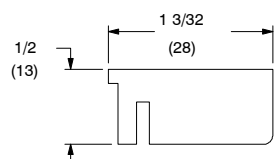
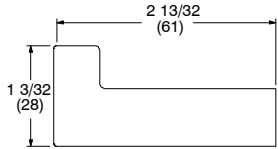
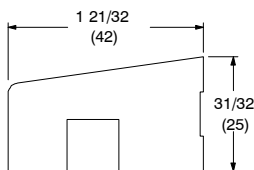

**MAGNUM DOUBLE HUNG TILT PAC CLIP MOUNT**

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NUMBER
	<b>Jamb Liner V482</b>  WH BG	192" (4877)	16215015
		192" (4877)	16210997

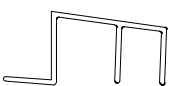
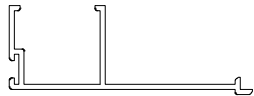

**MAGNUM SINGLE HUNG TILT PAC CLIP MOUNT**

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NUMBER
	<b>Jamb Liner V610</b> Color: Beige	168" (4267)	16215003
	<b>Jamb Liner V610</b> Color: White	168" (4267)	16215002

**WOOD REPLACEMENT PARTS – MAGNUM DOUBLE AND SINGLE HUNG TILT PAC**

ILLUSTRATION NOT TO SCALE	DESCRIPTION	ILLUSTRATION NOT TO SCALE	DESCRIPTION
	<b>Tilt Pac Parting Stop W7170</b>		<b>Sash Opening Filler (WMSH) W7188</b>
	<b>Half Screen Nosing (WMSH) W7178</b>		<b>Stationary Sash Filler (WMSH) W7186</b>





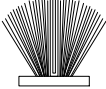
**ALUMINUM REPLACEMENT PARTS – MAGNUM DOUBLE AND SINGLE HUNG TILT PAC**

ILLUSTRATION NOT TO SCALE	DESCRIPTION	ILLUSTRATION NOT TO SCALE	DESCRIPTION
	<b>Sash Opening Filler (WMSH) A432</b>		<b>Head &amp; Jamb Filler A509</b>
	<b>Stationary Sash Filler Cap A510</b>		

**ORDERING REPLACEMENT WEATHER STRIP FOR MAGNUM DOUBLE HUNG UNITS**

When ordering replacement weather strip specify:

1. quantity;
2. color;
3. part number;
4. description.

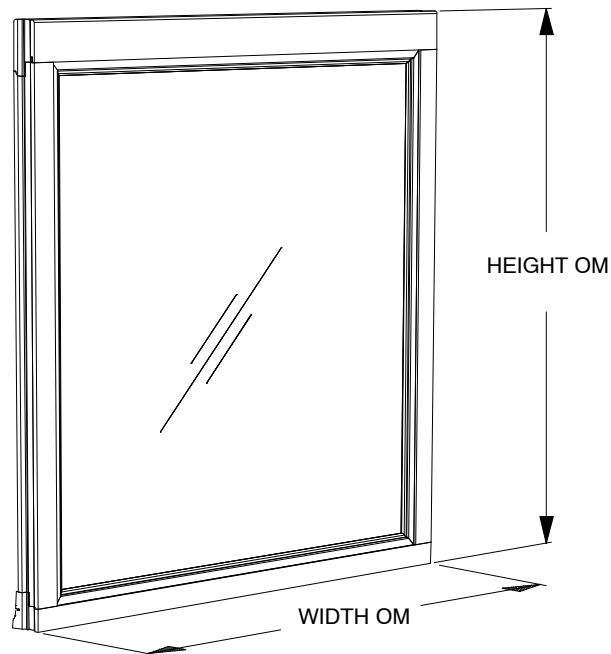
ILLUSTRATION <i>NOT TO SCALE</i>	DESCRIPTION	LENGTH	PART NUMBER
	<b>Dual Seal Weather strip, Check Rail</b> V116 Color: White	84" (2134)	15828400
	<b>Hinged Leaf Weather strip, Parting Stop</b> V245 Color: White	84" (2134)	15818400
	<b>Bulb Weather strip, Bottom Rail</b> V192 Color: Beige	84" (2134)	15900058
	<b>Bulb Weather strip, Center Sash Stile</b> V114 Magnum Triple Hung only Color: Beige	Specify length	11107532
	<b>Pile Weather strip, Check Rail</b> M650 5/8" x 1 1/2" x 5/16" Magnum Triple Hung only Color: Beige		15600509



## ORDERING REPLACEMENT SASH FOR MAGNUM TILT PAC UNITS

When ordering replacement sash specify:

1. type of unit (wood or clad), (single or double hung)
2. Sash to be replaced – top, bottom, pair;
3. size;
  - a. top or bottom (call number or OM of sash)
  - b. set (call number or sash opening)
4. glazing;
5. finish;
6. sill bevel if other than standard 14° (wood Tilt Pac).



**Exterior View**  
(top sash shown)

When ordering replacement Magnum parts specify type of unit, part number and description.

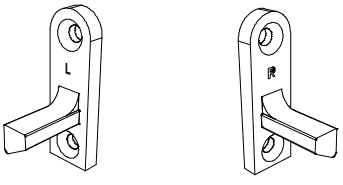
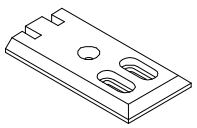
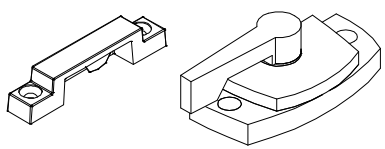
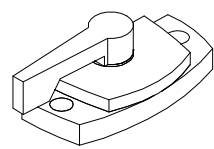
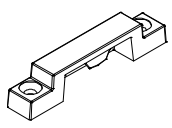
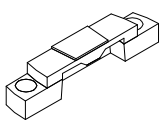
<b>ILLUSTRATION</b> NOT TO SCALE	<b>DESCRIPTION</b>	<b>COLOR</b>	<b>PART NO.</b>
 <p>Left Hand      Right Hand</p>	<p><b>Sash Pivot</b></p> <p><i>Includes:</i>                      1 – Sash pivot                      2 – #10 x 1” Phillips flathead wood screws</p> <p>NOTE: Pivot handing is viewed from the interior</p>	LH RH	11870462 11870463
	<p><b>Sash Retainer Plate</b></p> <p><i>Includes:</i>                      1 – Sash retainer plate                      3 – #8 x 1” Phillips flathead wood screws</p>	TP BZ WH	11870468 11870464 11870500
	<p><b>Sash Lock and Keeper, Complete</b></p> <p><i>Includes:</i>                      1 – Sash lock                      1 – Keeper                      4 – #7 x 7/8” Phillips flathead wood screws</p> <p style="text-align: center;">Screw Package of 200</p>	TP BZ WH  TP BZ WH	11869399 11869395 11869396  11900925 11900920 11900910
	<p><b>Sash Lock</b></p> <p><i>Includes:</i>                      1 – Sash lock                      2 – #7 x 7/8” Phillips flathead wood screws</p>	TP BZ WH BS AB PC SC ORBZ SN	10818034 10818033 10840026 05600082 05600084 05600086 05600088 05600090 05600092
	<p><b>Keeper</b></p> <p>Usage: 10–15–2012 – Present</p> <p><i>Includes:</i>                      1 – Keeper                      2 – #7 x 7/8” Phillips flathead wood screws</p>	TP BZ WH BS AB PC SC ORBZ SN	10818052 10818051 10818050 10818053 10818054 10818055 10818056 10818057 10818058
	<p><b>Keeper – Pre 10–15–2012</b></p> <p><i>Includes:</i>                      1 – Keeper                      2 – #7 x 7/8” Phillips flathead wood screws</p>	TP BZ WH BS	10818035 10818032 10840012 05600083

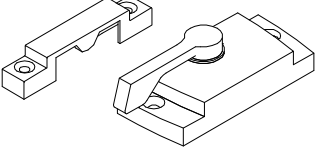
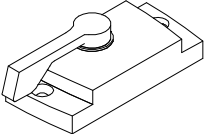
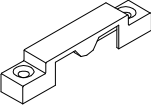
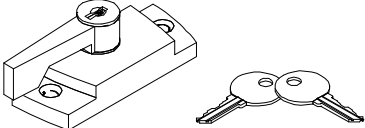
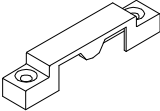
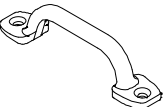

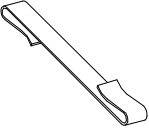
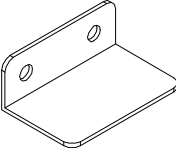
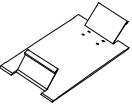
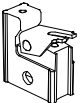
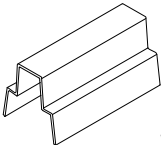
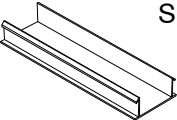
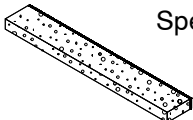
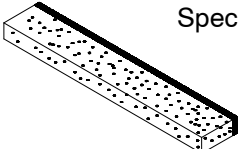
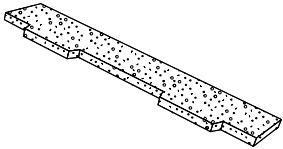
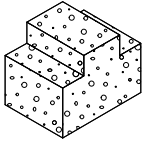
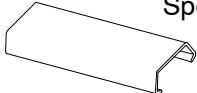
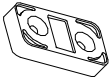
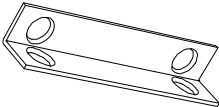
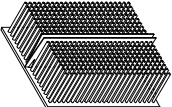
ILLUSTRATION NOT TO SCALE	DESCRIPTION	COLOR	PART NO.
	<b>Historic Sash Lock and Keeper, Complete</b> <i>Includes:</i> 1 - Historical sash lock WH - 10840013 BS - available in package only 1 - Keeper WH - 10840014 BS - available in package only 4 - #6 x 1" Phillips flathead wood screws	WH BS	11869383 05600044
	<b>Historic Sash Lock</b> <i>Includes:</i> 1 - Historical sash lock 2 - #6 x 1" Phillips flathead wood screws	WH	10840013
	<b>Keeper, Historic</b> <i>Includes:</i> 1 - Keeper 2 - #6 x 1" Phillips flathead wood screws	WH	10840014
	<b>Sash Lock, Keyed</b> <i>Includes:</i> 1 - Keyed lock 2 - Keys 2 - #6 x 1" Phillips flathead wood screws	TP BZ WH	05590634 05590632 05590633
	<b>Keeper</b> For keyed sash lock <i>Includes:</i> 1 - Keeper 2 - #6 x 1" Phillips flathead wood screws	TP BZ WH	10817047 10817043 10840014
	<b>Sash Lift</b> <i>Includes:</i> 1 - Sash lift 2 - #8 x 1" Slotted ovalhead screws TP - 11800886      WH - 11800887 BZ - 11800888      BS - 11800889	TP BZ WH BS	10500598 10500557 10500556 10500558
	<b>S-Hook, Short, 1/4" (6) Wide</b> Need 1 per balance or 4 per sash Top sash balance		11870727
	<b>S-Hook, Long, 1/4" (6) Wide</b> Need 1 per balance or 4 per sash Bottom sash balance		11870731
	<b>Top Sash Stay</b> 2 per unit <i>Includes:</i> 1 - Top sash stay 2 - #8 x 1" Phillips flathead wood screws	Mill Finish	11100400
	<b>Installation Clip, Jamb Liner</b> M044 1" x 4 1/4"		11860010
	<b>Locking Terminal</b>		11870460

ILLUSTRATION NOT TO SCALE	DESCRIPTION	COLOR	PART NO.
 <p>When ordering specify:</p> <ol style="list-style-type: none"> <li>1. length</li> <li>2. part number</li> <li>3. color</li> </ol>	<p><b>Sash Stop, Vinyl</b> V458</p> <p style="text-align: right;">1 3/4" (44)</p> <p style="text-align: right;">60" (1524)</p>	<p>WH BG</p> <p>WH BG</p>	<p>11870135 11870134</p> <p>11870998 11870999</p>
 <p>Specify length needed</p>	<p><b>Hardware Clip, Vinyl</b> V611</p> <p><i>Includes:</i> 1 - Clip 2 - #7 x 3/4" Phillips panhead wood screws</p>	<p>WH</p>	<p>16215004</p>
 <p>Specify length needed</p>	<p><b>Jamb Liner, Foam</b> M004 With PVC edge 9/16" x 1 7/16"</p>		<p>10500014</p>
 <p>Specify length needed</p>	<p><b>Jamb Liner, Foam</b> With PVC edge 7/16" x 2 3/4"</p>		<p>10500008</p>
	<p><b>Foam Gasket</b> M0124</p>	<p>WH</p>	<p>11869514</p>
	<p><b>Foam Plug (Chimney Block)</b> M0129 1 3/8" x 1" x 1" Located at the bottom of the vinyl jamb liner</p>	<p>WH</p>	<p>10500205</p>
 <p>Specify length needed</p>	<p><b>Sash Limiter, Top Sash</b> V454</p>	<p>BG WH</p>	<p>11870997 11870996</p>
	<p><b>Sash Limiter, Bottom Sash</b> M726</p> <p><i>Includes:</i> 1 - Sash limiter 2 - #6 x 5/8" Phillips flathead wood screws</p>	<p>BG</p>	<p>05070431</p>
	<p><b>Stationary Sash Bracket</b></p> <p><i>Includes:</i> 1 - Bracket 4 - #7 x 7/8" Phillips flathead wood screws</p>	<p>ZYD</p>	<p>11100300</p>
	<p><b>Fin Seal Pad</b></p>		<p>10500223</p>