## CHAPTER 7

### ROUND TOPS AND POLYGONS

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### ATTENTION:

- Specification and technical data are subject to change without notice.
- Numbers listed in parentheses ( ) are metric equivalents in millimeters rounded to the nearest whole number.
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<th>UNIT TYPE</th>
<th>FEATURES OR CHANGES</th>
<th>STATUS</th>
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<tr>
<td>1979</td>
<td>Wood Round Top</td>
<td>1979 Arch top windows introduced. They are available as Direct Glaze or In–sash, one lite or divided lite and single glaze or 1/2” insulated. They are also available as Direct Glaze 1” one lite. Grids are an option only for the Direct Glaze.</td>
<td>Present</td>
</tr>
<tr>
<td>1982</td>
<td>Wood Round Top</td>
<td>5/82 Introduced Wood Double Hung Operating In–sash Round Top.</td>
<td>Present</td>
</tr>
<tr>
<td>1982</td>
<td>Wood Round Top</td>
<td>12/82Introduced Wood Casement Operating In–sash Round Top.</td>
<td>Present</td>
</tr>
<tr>
<td>1984</td>
<td>Wood Tilt–Turn Round Top</td>
<td>Introduced Wood Tilt–Turn Round Top.</td>
<td>Present</td>
</tr>
<tr>
<td>1985</td>
<td>Wood Round Top</td>
<td>Interior Casing WP366 (W1366) available.</td>
<td>Present</td>
</tr>
<tr>
<td>1985</td>
<td>Clad Round Top</td>
<td>Introduced Clad Round Top, available in White or Bahama Brown, direct glazed only.</td>
<td>Present</td>
</tr>
<tr>
<td>1985</td>
<td>Round Top</td>
<td>Interior trim to become standard. MM44 (W1144), WP366 (W1366) and flat casing available. Unless otherwise specified unit will be fabricated with MM44.</td>
<td>Present</td>
</tr>
<tr>
<td>1988</td>
<td>Round Top</td>
<td>9/88 Laminated interior casing has replaced fingerjointed interior casing on most round top units. Profiles available are MM44 and WP366.</td>
<td>Present</td>
</tr>
<tr>
<td>1988</td>
<td>Round Top</td>
<td>10/88 Three new profiles added to the laminated interior casings which are WM376 (W1376), WM351 (W1351) and WM445 (W1445).</td>
<td>Present</td>
</tr>
<tr>
<td>1989</td>
<td>Round Top</td>
<td>01/89 Plinth blocks introduced.</td>
<td>Present</td>
</tr>
<tr>
<td>1993</td>
<td>Round Top</td>
<td>Oak interior casing, available in MM44, WP366, WM376, WM351, WM445, shipped with Oak plinth blocks.</td>
<td>Present</td>
</tr>
<tr>
<td>1993</td>
<td>Round Top</td>
<td>10/93 Wood and Clad True Half Circles, Elliptical, Eyebrow above spring line and ovals introduced. Expansion of standard size offerings.</td>
<td>Present</td>
</tr>
<tr>
<td>1996</td>
<td>Clad Round Top</td>
<td>03/96 Factory installed clad brick mould casing available on true radius windows.</td>
<td>Present</td>
</tr>
<tr>
<td>1997</td>
<td>Round Top &amp; Polygon</td>
<td>01/97 Simulated divided lites with spacer bar option.</td>
<td>Present</td>
</tr>
<tr>
<td>1997</td>
<td>Round Top</td>
<td>02/97 Clad brick mould casing introduced for elliptical round tops.</td>
<td>Present</td>
</tr>
<tr>
<td>1997</td>
<td>Round Top &amp; Polygon</td>
<td>05/97 Direct Glaze Round Tops and Polygons redesigned with new direct glaze cladding profile.</td>
<td>Present</td>
</tr>
<tr>
<td>1998</td>
<td>Clad Round Top</td>
<td>03/98 Clad In–Sash Round Top Casemaster stationary introduced for shape numbers 1–10, 15–50 and 54–57 from the shape table with the 605 finish on heavy extruded aluminum in all five colors. One piece sash cladding is interior glazed.</td>
<td>Present</td>
</tr>
<tr>
<td>1998</td>
<td>Wood Tilt–Turn Round Top</td>
<td>Safety device modified due to a design change. Parts are not interchangeable.</td>
<td>Present</td>
</tr>
<tr>
<td>1998</td>
<td>Round Top for Doors</td>
<td>Consolidation of wood and clad Door Round Top sizes due to the redesign of the transom so that the Round Top can be mulled directly to the door.</td>
<td>Present</td>
</tr>
<tr>
<td>1999</td>
<td>Clad Round Top</td>
<td>01/99 Clad In–Sash operating Round Top Casemaster introduced.</td>
<td>Present</td>
</tr>
<tr>
<td>1999</td>
<td>Wood In–Sash Operating Round Top</td>
<td>01/99 Upgraded hinges to 4” surface mounted, updated Weather Strip to foam filled Q–Ion and added V905 side stops. DP rating upgraded to DP40.</td>
<td>Present</td>
</tr>
<tr>
<td>1999</td>
<td>Wood In–Sash Operating Round Top</td>
<td>Routed butt hinges</td>
<td>Discontinued</td>
</tr>
<tr>
<td>1999</td>
<td>Clad Round Top</td>
<td>08/99 The drip cap was removed on the V110 nailing fin.</td>
<td>Present</td>
</tr>
<tr>
<td>2000</td>
<td>Clad Ultimate DH/SH, Picture &amp; Transom Round Tops</td>
<td>2/28/00 Radius frame and sash components. Double Hung top sash operates and tilts. Common parts with Ultimate product where possible.</td>
<td>Present</td>
</tr>
<tr>
<td>2001</td>
<td>Wood Ultimate Round Top</td>
<td>2/01 Introduction of the Wood Ultimate Double Hung Round Top. Available as an operable double hung, single hung as well as a picture unit or transom.</td>
<td>Present</td>
</tr>
<tr>
<td>2002</td>
<td>Clad Ultimate DH/SH, Picture &amp; Transom Round Tops</td>
<td>3/02 Stone White becomes a standard color. Arctic White transitions to a select color.</td>
<td>Present</td>
</tr>
<tr>
<td>2003</td>
<td>Ultimate DH/SH, Casemaster</td>
<td>3/31/03 Satin Taupe (TP) hardware replaces bronze as standard.</td>
<td>Present</td>
</tr>
<tr>
<td>2004</td>
<td>Wood and Clad Operating Round Tops</td>
<td>1/04 Added Oil Rubbed Bronze and Satin Chrome to available hardware finishes.</td>
<td>Present</td>
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<tr>
<td>2006</td>
<td>Wood and Clad CM Stationary Round Tops</td>
<td>6/06 For CM Stationary Round Tops, W8723 replaces W8462.</td>
<td>Present</td>
</tr>
<tr>
<td>PRODUCED</td>
<td>UNIT TYPE</td>
<td>FEATURES OR CHANGES</td>
<td>STATUS</td>
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<tr>
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</tr>
<tr>
<td>2009</td>
<td>All</td>
<td>7/27/2009 3” and 4” plinth blocks available in all standard and alternative wood species</td>
<td>Present</td>
</tr>
<tr>
<td>2009</td>
<td>Casemaster Round Top</td>
<td>7/27/2009 Casemaster RT has become obsolete.</td>
<td>Present</td>
</tr>
<tr>
<td>2011</td>
<td>All</td>
<td>04/25/2011 Added LoE-180” as a standard option for all products. White painted interior finish option introduced for all products.</td>
<td>Present</td>
</tr>
<tr>
<td>2012</td>
<td>Casemaster In–Sash Polygon All</td>
<td>12/17/2012 Casemaster In–Sash Polygon became obsolete. Clear interior finish option introduced for all products.</td>
<td>Present</td>
</tr>
<tr>
<td>2013</td>
<td>All</td>
<td>4/29/2013 Introduced interior stain options. Stain colors are Wheat, Honey, Leather, Hazelnut, Cabernet and Espresso.</td>
<td>Present</td>
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<tr>
<td></td>
<td>Polygon and Round Top Direct Glaze</td>
<td>6/24/2013 Direct Glaze Standardization added upgrades and improvements to direct glaze products in both wood and clad. Glazing method is silicone and with interior tape glaze. Wood bead profile W11751 and W11923 (Radius).</td>
<td>Present</td>
</tr>
</tbody>
</table>
WOOD ROUND TOP
CASEMASTER OPERATOR (EYEBROW)
Obsolete 07–27–2009

HEAD JAMB
& SILL DETAIL

JAMB
DETAIL

OPERATOR (EYEBROW)

TRUE HALF CIRCLE
ABOVE SPRINGLINE

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

1. Radiused Head Jamb Brick Mould Casing, W1047
2. Frame Weather Strip, V506
3. Radiused Head Jamb/Jamb
4. Radiused Head Jamb Filler, W7694
5. Radiused Operator Head Jamb Stop, W8607
6. Sash Weather Strip, V195
7. Radiused Sash–Top Rail
8. Radiused Glazing Bead, W4009
9. Insulated Glass
10. Screen Frame, A135
11. Screen Mesh
12. Hardware Cover, W8459
13. Bottom Rail
14. Subsill, W2197
15. Sill
16. Connecting Barb, V803
17. Folding Handle Cover
18. Folding Handle
19. Jamb Brick Mould Casing, W1047
20. Jamb
21. Vinyl Side Stop, V1162
22. Stile
23. Operator Jamb Frame Filler, W2066
24. Glazing Bead, W4009
WOOD ROUND TOP
CASEMASTER 1” PICTURE UNIT
Obsolete 07–27–2009

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

1. Radiused Head Jamb Brick Mould Casing
2. Frame Weather Strip, V506
3. Radiused Head Jamb/Jamb
4. Radiused Head Jamb Filler, W7694
5. Radiused Head Jamb Stationary Stop, W7085
6. Sash Weather Strip, V195
7. Radiused Top Rail
8. Radiused Glazing Bead, W4005
9. Insulated Glass
10. Bottom Rail
11. Sill
12. Subsill, W2197
13. Stationary Sash Setting Block, W7681
14. Sill Cover, see page 36
15. Connecting Barb, V803
16. Jamb Brick Mould Casing, W1047
17. Jamb
18. Side Stop, W8462
19. Stationary Jamb Filler, W2065
20. Stile
21. Glazing Bead, W4005

HEAD JAMB & SILL DETAIL
WITH OR WITHOUT SPRING LINE
WOOD ROUND TOP
CASEMASTER STATIONARY (TRUE HALF CIRCLE)
Obsolete 07–27–2009

HEAD JAMB & SILL DETAIL

WITH OR WITHOUT SPRING LINE

JAMB DETAIL

EYEBROW WITH SPRING LINE

TRUE HALF CIRCLE WITH OR WITHOUT SPRING LINE

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

1. Radiused Head Jamb Brick Mould Casing, W1047
2. Frame Weather Strip, V506
3. Radiused Head Jamb/Jamb
4. Radiused Head Jamb Filler, W7694
5. Radiused Head Jamb Stationary Stop, W7085
6. Stationary Sash Bracket
7. Sash Weather Strip, V195
8. Radiused Top Rail
9. Radiused Glazing Bead, W4009
10. Insulated Glass
11. Bottom Rail
12. Sill
13. Subsill, W2197
14. Stationary Sash Setting Block, W7681
15. Connecting Barb, V803
16. Sill Cover, see page 36
17. Jamb Brick Mould Casing, W1047
18. Jamb
19. Side Stop, W8462
20. Stile
21. Stationary Jamb Filler, W2065
22. Glazing Bead, W4009
WOOD DIRECT GLAZE ROUND TOP – SINGLE GLAZE

PART IDENTIFICATION

1. Radiused Head Jamb Brick Mould Casing (W1047)
2. Radiused Head Jamb/Jamb
3. Exterior Glazing Bead (W11989)
4. Radiused Head Glazing Bead (W11923)
5. Single Glaze Glass
6. Glazing Bead (W11751)
7. Subsill
8. Sill
9. Jamb Brick Mould Casing (W1047)
10. Jamb

NOTE: Not to scale; specifications subject to change without notice.
WOOD DIRECT GLAZE ROUND TOP  
(INSULATING GLASS ADL FRAME)

1. Radiused Head Jamb Brick Mould Casing, W1047  
2. Radiused Head Jamb  
3. Radiused Glazing Bead, W4009  
4. Radiused Frame Stock  
5. Insulated Munt  
6. Insulated Glass  
7. Glazing Bead, W4009  
8. Bullnose Stop, W7013  
9. Subsill, W2197  
10. Sill  
11. SG ADL Radiused Filler  
12. SG–ADL Radiused Glazing Bead, W4074  
13. Single Glaze Munt  
14. Jamb  
15. Jamb Brick Mould Casing, W1047  
16. Radiused Jamb  
17. 3/8" Filler  
18. Frame Stock  
19. Radiused 3/8" Filler

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

JAMB DETAIL  
EYEBROW WITH SPRING LINE  
TRUE HALF CIRCLE WITH OR WITHOUT SPRING LINE
WOOD DIRECT GLAZE ROUND TOP
(INSULATING GLASS)

HEAD JAMB
& SILL DETAIL

WITH OR WITHOUT SPRING LINE

JAMB DETAIL

NON–CONTINUOUS SPRING LINE
(EYEBROW WITH SPRINGLINE)

CONTINUOUS SPRING LINE
TRUE HALF CIRCLE
WITH OR WITHOUT SPRING LINE

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

1. Radiused Head Jamb Brick Mould Casing (W1047)
2. Radiused Head Jamb/Jamb
3. Radiused Glazing Bead (W11923)
4. Exterior Glazing Bead (W11989)
5. Insulating Glass
6. Sill
7. Subsill
8. Glazing Bead (W11751)
9. Jamb Brick Mould Casing (W1047)
10. Jamb
1. Radiused Head Jamb Cladding
2. Radiused Nailing Fin, V110
3. Radiused Head Jamb/Jamb
4. Radiused Glazing Bead (W11923)
5. Single Glaze Glass
6. Sill Cladding
7. Sill
8. Sill Nailing Fin, V084
9. Jamb Cladding
10. Jamb Nailing Fin, V104
11. Jamb
12. Glazing Bead (W11751)

NOTE: Not to scale; specifications subject to change without notice.
1. Radiused Head Jamb Cladding
2. Radiused Nailing Fin (V110)
3. Radiused Head Jamb/Jamb
4. Radiused Glazing Bead (W11923)
5. Insulating Glass
6. Sill Cladding
7. Sill Nailing Fin (V084)
8. Sill
9. Jamb Cladding
10. Jamb Nailing Fin (V104)
11. Jamb
12. Glazing Bead (W11751)

NOTE: Not to scale; specifications subject to change without notice.
CLAD ROUND TOP – CASEMASTER OPERATOR
Obsolete 07–27–2009

WITH OR WITHOUT SPRING LINE

JAMB DETAIL

EYEBROW
WITH SPRING LINE

TRUE HALF CIRCLE
WITH OR WITHOUT SPRING LINE

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

1. Radiused Head Jamb Cladding
2. Radiused Head Jamb Nailing Fin, V110
3. Radiused Head Jamb/Jamb
4. Sash Weather Strip, V195
5. Top Rail Cladding
6. Radiused Glazing Bead, W7680
7. Radiused Top Rail
8. Radiused Head Jamb Stop, W8607
9. Radiused Head Jamb Filler, W7676
10. Insulated Glass
11. Bottom Rail Cladding
12. Sill Cladding
13. Bottom Rail
14. Screen Frame, A135
15. Screen Mesh
16. Hardware Cover, W8459
17. Sill Nailing Fin, V084
18. Frame Weather Strip, V084
19. Connecting Barb, V803
20. Sill
21. Folding Handle Cover
22. Folding Handle
23. Jamb Cladding
24. Jamb Nailing Fin, V104
25. Operator Jamb
26. Operator Jamb Frame Filler, W7689
27. Operator Jamb Side Stop, V1162
28. Stile Cladding
29. Stile
30. Hinge
31. Glazing Bead, W7680
CLAD ROUND TOP – CASEMASTER STATIONARY

Obsolete 07–27–2009

with or without spring line

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

1. Radiused Head Jamb Cladding
2. Radiused Head Jamb Nailing Fin, V110
3. Radiused Head Jamb/Jamb
4. Sash Weather Strip, V195
5. Top Rail Cladding
6. Radiused Glazing Bead, W7680
7. Radiused Top Rail
8. Radiused Head Jamb Stop, W7085
9. Radiused Head Jamb Filler, W7676
10. Insulated Glass
11. Bottom Rail Cladding
12. Bottom Rail
13. Stationary Bracket
14. Sill Cover, see page 36
15. Connecting Barb, V803
16. Sill Cladding
17. Sill Nailing Fin, V084
18. Stationary Sash Setting Block, W7681
19. Frame Weather Strip, V506
20. Sill
21. Jamb Cladding
22. Jamb Nailing Fin, V104
23. Jamb
24. Jamb Stop, W8462
25. Stile Cladding
26. Stile
27. Stationary Jamb Frame Filler, W7686
28. Glazing Bead, W7680
CLAD CASEMASTER ROUND TOP – 1” PICTURE
Obsolete 07–27–2009

WITH OR WITHOUT SPRING LINE

JAMB DETAIL

EYEBROW WITH SPRING LINE

TRUE HALF CIRCLE WITH OR WITHOUT SPRING LINE

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

1. Radiused Head Jamb Cladding
2. Radiused Head Jamb Nailing Fin, V110
3. Radiused Head Jamb/Jamb
4. Sash Weather Strip, V195
5. Top Rail Cladding
6. Radiused Glazing Bead, W7680
7. Radiused Top Rail
8. Radiused Head Jamb Stop, W7085
9. Radiused Head Jamb Filler, W7676
10. Insulated Glass
11. Bottom Rail Cladding
12. Bottom Rail
13. Stationary Bracket
14. Sill Cover, see page 36
15. Connecting Barb, V803
16. Sill Cladding
17. Sill Nailing Fin, V084
18. Stationary Sash Setting Block, W7681
19. Frame Weather Strip, V506
20. Sill
21. Jamb Cladding
22. Jamb Nailing Fin, V104
23. Jamb
24. Jamb Stop, W8462
25. Stile Cladding
26. Stile
27. Stationary Jamb Frame Filler, W7686
28. Glazing Bead, W7680
NOTE: Not to scale; specifications subject to change without notice.
NOTE: Not to scale; specifications subject to change without notice.

1. Radiused Head Jamb Cladding
2. Radiused Nailing Fin, V110
3. Foam Tape
4. Radiused Head Jamb/Jamb
5. Radiused Head Jamb liner/Filler, W2135
6. Top Rail Weather Strip, V195
7. Radiused Top Rail Cladding
8. Stationary Bracket
9. Radiused Top Rail
10. Radiused Glazing Bead, W7680
11. Insulated Glass
12. Picture Bottom Rail Cladding
13. Sill Cladding
14. Sill Nailing Fin, V084
15. Foam Tape
16. Sill Bracket
17. Picture Bottom Rail
18. Sill Filler, W3119
19. Sill Liner, W2531
20. Sill Cover, V931
21. Foam Sill Filler
22. Sill
23. Transom Bottom Rail Cladding
24. Transom Bottom Rail
25. Jamb Cladding
26. Jamb Nailing Fin, V104
27. Jamb
28. Connecting Barb, V803
29. Interior Liner/Filler, W2111
30. Stile
31. Stile Cladding
32. Glazing Bead, W7680
WOOD ULTIMATE DOUBLE HUNG ROUND TOP

1. Radiused Head Jamb Brick Mould Casing, W1047
2. Radiused Blind Stop, W2203
3. Parting Stop Weather Strip, V025
4. Radiused Head Jamb/Jamb
5. Radiused Head Jamb Liner/Filler, W8006
6. Radiused Head Jamb Parting Stop, W2101
7. Radiused Top Rail
8. Radiused Glazing Bead, W4009
9. Insulated Glass
10. Top Checkrail
11. Lock
12. Bottom Checkrail
13. Top Checkrail Weather Strip, V031
14. Screen Mesh
15. Screen Frame
16. Sub sill, W2134
17. Bottom Rail Weather Strip, V147
18. Bottom Rail
19. Sill Liner, W2146
20. Sill
22. Jamb Blind Stop, W2123
23. Jamb
24. Vinyl Jamb Carrier, V100
25. Interior Jamb Liner, W2127
26. Stile
27. Wood Jamb Filler, W2018
28. Sash Balance Tube
29. Frame Weather Strip, V938
30. Continuous Springline Jamb Liner, W2189
31. Glazing Bead, W4009

NOTE: Not to scale; specifications subject to change without notice.
WOOD ROUND TOP ULTIMATE DOUBLE HUNG / ULTIMATE DH MAGNUM 1 5/8” TRANSOM

PART IDENTIFICATION

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

1. Radiused Head Jamb Brick Mould Casing, W1047
2. Foam Frame Weather Strip
3. Radiused Head Jamb/Jamb
4. Radiused Blind Stop, W2203
5. Radiused Glazing Bead, W4009
6. Radiused Top Rail
7. Stationary Sash Bracket
8. Radiused Filler/Liner, W2206
9. Insulated Glass
10. Bottom Rail
11. Bottom Rail Weather Strip, V031
12. Subsill, W2134
13. Bottom Rail Sash Bracket
14. Sill
15. Sill Filler, W9699
16. Sill Liner, W2179
17. Jamb Brick Mould Casing, W1047
18. Jamb Blind Stop, W2123
19. Jamb
20. Connecting Barb, V803
21. Stationary Interior Filler/Liner, W2191
22. Stile
23. Glazing Bead, W4009
NOTE: Not to scale; specifications subject to change without notice.

1. Radiused Head Jamb Brick Mould Casing, W1047
2. Foam Frame Weather Strip
3. Radiused Head Jamb/Jamb
4. Radiused Blind Stop, W2203
5. Radiused Glazing Bead, W4009
6. Radiused Top Rail
7. Stationary Sash Bracket
8. Radiused Filler/Liner, W2206
9. Insulated Glass
10. Bottom Rail
11. Bottom Rail Weather Strip, V031
12. Subsill, W2134
13. Bottom Rail Sash Bracket
14. Sill
15. Sill Filler, W9700
16. Sill Liner, W2179
17. Jamb Brick Mould Casing, W1047
18. Jamb Blind Stop, W2203
19. Jamb
20. Connecting Barb, V803
21. Stationary Interior Filler/Liner, W2206
22. Stile
23. Glazing Bead, W4009
NOTE: Not to scale; specifications subject to change without notice.

1. Radiused Head Jamb Brick Mould Casing, W1047
2. Foam Frame Weather Strip
3. Radiused Head Jamb/Jamb
4. Radiused Blind Stop, W2203
5. Radiused Glazing Bead, W4009
6. Radiused Top Rail
7. Stationary Sash Bracket
8. Radiused Filler/Liner, W2206
9. Insulated Glass
10. Bottom Rail
11. Bottom Rail Weather Strip, V031
12. Subsill, W2134
13. Bottom Rail Sash Bracket
14. Sill
15. Sill Filler, W9699
16. Sill Liner, W2179
17. Sill Filler Riser, W9703
18. Jamb Brick Mould Casing, W1047
19. Jamb Blind Stop, W2123
20. Jamb
21. Connecting Barb, V803
22. Stationary Interior Filler/Liner, W2191
23. Stile
24. Glazing Bead, W4009
WOOD ULTIMATE DOUBLE HUNG 2” PICTURE UNIT ROUND TOP

HEAD JAMB & SILL DETAIL

1. Radiused Head Jamb Brick Mould Casing, W1047
2. Foam Frame Weather Strip
3. Radiused Head Jamb/Jamb
4. Radiused Blind Stop, W2203
5. Radiused Glazing Bead, W8010
6. Radiused Top Rail
7. Stationary Sash Bracket
8. Radiused Filler/Liner, W2206
9. Insulated Glass
10. Bottom Rail
11. Bottom Rail Weather Strip, V031
12. Subsill, W2134
13. Sash Bracket
14. Sill
15. Sill Filler, W9700
16. Sill Liner, W2179
17. Sill Filler Riser, W9703
18. Jamb Brick Mould Casing, W1047
19. Jamb Blind Stop, W2203
20. Jamb
21. Connecting Barb, V803
22. Stationary Interior Liner/Filler, W2206
23. Stile
24. Glazing Bead, W4005

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

1. Head Jamb Brick Mould Casing (W1047)
2. Head Jamb
3. Glazing Bead (W11751)
4. Energy Panel
5. Single Glaze Glass
6. Sill
7. Subsill (W10333)
8. Jamb
9. Jamb Brick Mould Casing (W1047)
NOTE: Not to scale; specifications subject to change without notice.

1. Head Jamb Brick Mould Casing (W1047)
2. Head Jamb
3. Glazing Bead (W11751)
4. Insulating Glass
5. Sill
6. Subsill (W10333)
7. Jamb
8. Jamb Brick Mould Casing (W1047)
NOTE: Not to scale; specifications subject to change without notice.

1. Head Jamb Cladding
2. Head Jamb Nailing Fin/Drip Cap (V119)
3. Head Jamb
4. Single Glaze Glass
5. Sill Cladding
6. Sill Nailing Fin (V084)
7. Glazing Bead (W11751)
8. Sill
9. Jamb Cladding
10. Jamb Nailing Fin (V104)
11. Jamb
12. Attachment Barb (V2225)
NOTE: Not to scale; specifications subject to change without notice.

1. Head Jamb Cladding
2. Head Jamb Nailing Fin/Drip Cap (V119)
3. Head Jamb
4. Insulating Glass
5. Sill Cladding
6. Sill Nailing Fin (V094)
7. Glazing Bead (W11751)
8. Sill
9. Jamb Cladding
10. Jamb Nailing Fin (V104)
11. Jamb
12. Attachment Barb (V2225)
NOTE: Not to scale; specifications subject to change without notice.
NOTE: Not to scale; specifications subject to change without notice.

1. Radiused Head Jamb Cladding
2. Radiused Nailing Fin
3. Foam Tape
4. Radiused Head Jamb/Jamb
5. Radiused Head Jamb Liner/Filler
6. Sash Trim, V004
7. Radiused Top Rail Cladding
8. Stationary Bracket
9. Radiused Top Rail
10. Radiused Glazing Bead, W7680
11. Insulated Glass
12. Picture Bottom Rail Cladding
13. Sill Cladding
14. Sill Nailing Fin, V084
15. Foam Tape
16. Sill Bracket
17. Picture Bottom Rail
18. Sill Filler, W9643
19. Sill Liner, W8991
20. Sill Cover, V931
21. Foam Sill Filler
22. Sill
23. Transom Btm Rail Cladding
24. Transom Btm Rail
25. Jamb Cladding
26. Jamb Nailing Fin, V104
27. Jamb
28. Connecting Barb, V803
29. Interior Liner/Filler, W2111
30. Stile
31. Stile Cladding
32. Glazing Bead, W7680
33. Sill Filler, W3119
34. Sill Liner, W2531
NOTE: Not to scale; specifications subject to change without notice.

1. Radiused Head Jamb Brick Mould Casing
2. Radiused Blind Stop
3. Parting Stop Weather Strip, V025
4. Radiused Head Jamb/Jamb
5. Radiused Head Jamb Liner/Filler
6. Sill Bracket
7. Radiused Top Rail
8. Radiused Glazing Bead
9. Insulated Glass
10. Top Checkrail
11. Keeper
12. Lock
13. Bottom Checkrail
14. Checkrail Weather Strip, V031
15. Screen Mesh
16. Screen Frame
17. Sill, W2134
18. Sash Weather Strip, V147
19. Bottom Rail
20. Sill Liner, W8914
21. Sill
22. Jamb Brick Mould Casing, W1047
23. Jamb Blind Stop, W2123
24. Jamb
25. Vinyl Jamb Carrier, V1375
26. Screen Wrap Aluminum Interior Stop, A1402
27. Stile
28. Wood Jamb Filler, W8927
29. Balance Tube Cover
30. Frame Weather Strip, V1419
31. Balance Tube
32. Glazing Bead, W4009
33. Wood Wrap Aluminum Interior Stop, W8880
34. Interior Jamb Filler, W8878
35. Standing Block
WOOD ROUND TOP ULTIMATE DOUBLE HUNG MAGNUM
1 5/8" PICTURE UNIT

HEAD JAMB & SILL DETAIL

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

JAMB DETAIL

EYEBROW WITH NON-CONTINUOUS SPRING LINE

TRUE HALF CIRCLE WITH OR WITHOUT CONTINUOUS SPRING LINE

1. Radiused Head Jamb Brick Mould Casing
2. Foam Frame Weather Strip
3. Radiused Head Jamb/Jamb
4. Radiused Blind Stop
5. Radiused Glazing Bead
6. Radiused Top Rail
7. Stationary Sash Bracket
8. Radiused Stationary Filler/Liner
9. Insulated Glass
10. Bottom Rail
11. Rail Weather Strip, V031
12. Subsill, W2134
13. Bottom Rail Sash Bracket
14. Sill
15. Sill Filler, W8027
16. Sill Liner, W8992
17. Sill Filler Riser, W8026
18. Jamb Brick Mould Casing, W1047
19. Jamb Blind Stop, W2123
20. Jamb
21. Connection Barb, V803
22. Stationary Interior Filler/Liner, W2191
23. Stile
24. Glazing Bead, W4009
25. Standing Block
WOOD ROUND TOP ULTIMATE DOUBLE HUNG MAGNUM

PART IDENTIFICATION

WOOD ROUND TOP ULTIMATE DOUBLE HUNG MAGNUM

2” PICTURE UNIT

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

HEAD JAMB & SILL DETAIL

1. Radiused Head Jamb Brick Mould Casing
2. Foam Frame Weather Strip
3. Radiused Head Jamb/Jamb
4. Radiused Blind Stop
5. Radiused Glazing Bead
6. Radiused Top Rail
7. Stationary Sash Bracket
8. Radiused Stationary Filler/Liner
9. Insulated Glass
10. Bottom Rail
11. Rail Weather Strip, V031
12. Subsill, W2134
13. Bottom Rail Sash Bracket
14. Sill
15. Sill Filler, W8027
16. Sill Liner, W8992
17. Sill Filler Riser, W8026
18. Jamb Brick Mould Casing, W1047
19. Jamb Blind Stop, W2203
20. Jamb
21. Connection Barb, V803
22. Stationary Interior Filler/Liner, W2191
23. Stile
24. Glazing Bead, W4005
25. Standing Block

JAMB DETAIL

EYEBROW WITH NON–CONTINUOUS SPRING LINE

TRUE HALF CIRCLE WITH OR WITHOUT CONTINUOUS SPRING LINE

NOTE: Not to scale; specifications subject to change without notice.
When ordering replacement Round Top Ultimate Double Hung and Single Hung parts specify:
1. Order number;
2. type of unit;
3. part number;
4. description.

<table>
<thead>
<tr>
<th>ILLUSTRATION NOT TO SCALE</th>
<th>DESCRIPTION</th>
<th>OPER./ COLOR</th>
<th>PART NO.</th>
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<tr>
<td></td>
<td>Keeper – Round Top</td>
<td>TP</td>
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<td>Includes:</td>
<td>BZ</td>
<td>11869270</td>
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<td>1 – Keeper</td>
<td>WH</td>
<td>11869271</td>
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<tr>
<td></td>
<td>2 – #7x1 1/4” Phillips flathead wood screws</td>
<td>BS</td>
<td>11869272</td>
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<td>NOTE: Longer screw needed for Round Tops</td>
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<tr>
<td></td>
<td>End Plate Assembly</td>
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<td>10500600</td>
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<tr>
<td></td>
<td>Includes:</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>1 – Tilt latch assembly</td>
<td></td>
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<tr>
<td></td>
<td>2 – #6x5/8” Phillips flathead wood screws</td>
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<td>11800519</td>
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<td>Clad Ultimate Double Hung Round Top Tilt Jig – Top Sash</td>
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<td>2 – Tilt jigs 15350014</td>
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<td>Stile End Foam Pad – Round Top Picture/Transom</td>
<td>GY</td>
<td>15350004</td>
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NOTE: The parts on this page are for the Casemaster Round Top which became obsolete on July 27, 2009.

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Description</th>
<th>Oper./Color</th>
<th>Part No.</th>
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</thead>
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<tr>
<td><img src="image" alt="Hinge" /></td>
<td><strong>Hinge – Round Top Operator</strong>&lt;br&gt;Operating In–Sash Casemaster Round Top.</td>
<td>Brushed Satin</td>
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<tr>
<td><img src="image" alt="Operating Hinge Sash Seal Foam" /></td>
<td><strong>Operating Hinge Sash Seal Foam – Round Top Operator</strong></td>
<td>GY</td>
<td>10500042</td>
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<td><img src="image" alt="Operating Hinge Frame Seal Foam" /></td>
<td><strong>Operating Hinge Frame Seal Foam – Round Top Operator</strong></td>
<td>WH</td>
<td>10500043</td>
</tr>
<tr>
<td><img src="image" alt="Sash Limiter" /></td>
<td><strong>Sash Limiter – Round Top Operator</strong>&lt;br&gt;Includes:&lt;br&gt;1 – #8x3/4” Phillips head wood screw</td>
<td>18508598</td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="Butt Hinge, Stainless Steel" /></td>
<td><strong>Butt Hinge, Stainless Steel</strong>&lt;br&gt;Note: Used only on Polygon operating units.&lt;br&gt;Includes:&lt;br&gt;1 – SS hinge&lt;br&gt;3 – SS #7x7/8” Phillips head wood screws&lt;br&gt;3 – 8–32x5/8” Phillips head machine screws and T–nuts</td>
<td>SS LH RH</td>
<td>10929102 10929103</td>
</tr>
<tr>
<td><img src="image" alt="Foam Pad, Butt Hinge" /></td>
<td><strong>Foam Pad, Butt Hinge</strong>&lt;br&gt;Used with above hinges.</td>
<td>No longer available</td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="Single Arm Operator" /></td>
<td><strong>Single Arm Operator</strong>&lt;br&gt;Requires removable cover&lt;br&gt;Includes:&lt;br&gt;1 – Single arm roto–gear&lt;br&gt;5 – #8x1” Phillips flathead wood screws</td>
<td>LH RH</td>
<td>10814810 10814811</td>
</tr>
<tr>
<td><img src="image" alt="Single Arm Operator, Coastal Hardware" /></td>
<td><strong>Single Arm Operator, Coastal Hardware</strong>&lt;br&gt;Requires removable cover&lt;br&gt;Includes:&lt;br&gt;1 – Single arm roto–gear&lt;br&gt;5 – #8x1” Phillips flathead wood screws</td>
<td>SS LH RH</td>
<td>10814806 10814809</td>
</tr>
</tbody>
</table>

NOTE: **Standard** hardware (unless noted) will be supplied with Yellow Zinc Dichromate (YZD) coating until stocks are depleted, E–Gard coated hardware will then be substituted. If E–Gard coated hardware is desired it must be specified. Components with “YZD” specified as the color are only available with Yellow Zinc Dichromate (YZD) coating.
<table>
<thead>
<tr>
<th>ILLUSTRATION NOT TO SCALE</th>
<th>DESCRIPTION</th>
<th>OPER./ COLOR</th>
<th>PART NO.</th>
</tr>
</thead>
</table>
| ![RT FCM Sill Strike](image) | **RT FCM Sill Strike**  
Includes:  
1 – RT Sequential Strike (10816093)  
2 – #10 – 13 x 1” SS screws (11830011) | | 11851606 |
| ![RT FCM Astragal Strike (Upper) Kit](image) | **RT FCM Astragal Strike (Upper) Kit**  
Includes:  
1 – RT Sequential Strike (10816093)  
3 – #8 x 1 1/4” SS screws (11808118) | | 11851608 |
| ![RT FCM Astragal Strike (Bottom) Kit](image) | **RT FCM Astragal Strike (Bottom) Kit**  
Includes:  
1 – RT Standard Strike (10816094)  
3 – #8 x 1 1/4” SS screws (11808118) | | 11851607 |
| ![RT CM Sash Limiter](image) | **RT CM Sash Limiter**  
20 Degree  
IZ3  
E–Guard  
Corr. Resistant | | 10830707  
10830708 |
| ![RT FCM Shoot Bolt](image) | **RT FCM Shoot Bolt**  
Includes:  
1 – Shoot Bolt  
2 – #8 x 2” screws (11800724) | | 10816096 |
| ![RT FCM Sash Lift Roller](image) | **RT FCM Sash Lift Roller**  
Includes:  
1 – Roller  
2 – #7 x 5/8” screws (11800736) | | 10816027 |
| ![RT FCM Sash Lift](image) | **RT FCM Sash Lift**  
Includes:  
1 – Sash lift | | 10816089 |
| ![RT FCM Bolt Keeper](image) | **RT FCM Bolt Keeper**  
Includes:  
1 – Keeper  
2 – #7 x 5/8” screws (11800736) | | 10814600 |
| ![Linkage](image) | **Linkage**  
Includes:  
Linkage  
#8 x 1 1/4” Phillips flat head screws (11808118)  
(quantity of screws varies by size of unit) | 455–800 mm  
801–1000 mm  
1000–1460 mm  
1461–1920 mm | 10816123  
10816046  
10816122  
10816040 |
When ordering replacement Round Top Ultimate Double Hung Magnum parts specify:
1. Order number;
2. type of unit;
3. part number;
4. description.

<table>
<thead>
<tr>
<th>ILLUSTRATION NOT TO SCALE</th>
<th>DESCRIPTION</th>
<th>OPER./COLOR</th>
<th>PART NO.</th>
</tr>
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<td>Top Sash Pivot Pin</td>
<td>RH</td>
<td>10500562</td>
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<td>LH</td>
<td>10500563</td>
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<td>Left Hand</td>
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<tr>
<td>Right Hand</td>
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<td></td>
<td>Note: Handing determined from exterior.</td>
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<td>Bottom Sash Pivot Pin</td>
<td>RH</td>
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<td>Note: Handing determined from exterior.</td>
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<td>#7 x 1 1/4” Phillips Flat Head Self Tapping Screw</td>
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<td>For Sash Pivot Pins</td>
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<td>Sash Lock and Keeper, Complete</td>
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<td>1 – Keeper</td>
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<td>2 – #7 x 7/8” Phillips flat head screws</td>
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<td>2 – #7 x 1 1/4” Phillips flat head screws</td>
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<td>2 – #6x5/8” Phillips flat head wood screws</td>
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When ordering replacement wood parts specify:

1. profile number;
2. call number or rough opening;
3. length;
4. LH or RH operation;
5. type of product;
6. finish.

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June 2006 – Present
Prior to June 2006
### Description of Parts

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## ULTIMATE DOUBLE HUNG ROUND TOP

### WOOD PARTS

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# Foam Interior Glazing Tape

- **Description:** Foam Interior Glazing Tape
- **Date:** June 24, 2013 – Present
- **Length:** 150’
- **Part Number:** 11406211

# Attachment Barb

- **Description:** Attachment Barb
- **Model:** CDGPOLY, CDGPOLY IZ3 V2225
- **Date:** June 24, 2013 – Present
- **Length:** 150”
- **Part Number:** 16000799
WOOD ROUND TOP PARTS FOR ULTIMATE DOUBLE HUNG MAGNUM

### Aluminum Replacement Parts

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<td>Check Rail – Operator Bottom</td>
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*Images of parts are shown in the document.*
ROUND TOPS AND POLYGONS
PARTS / REPLACEMENT WOOD PARTS

TO ORDER REPLACEMENT ROUND TOP OR POLYGON WOOD PARTS

When ordering replacement wood parts specify:
1. profile number;
2. call number or rough opening;
3. length;
4. finish;
5. radius (if applicable);
6. Round Top template (if required).

CURRENT REPLACEMENT ROUND TOP INTERIOR TRIM

<table>
<thead>
<tr>
<th>Clad and Wood</th>
<th>Interior Trim (previously known as MM44)</th>
<th>W1144</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Interior Trim (previously known as WM351)</td>
<td>W1351</td>
</tr>
<tr>
<td></td>
<td>Interior Trim (previously known as WP366)</td>
<td>W1366</td>
</tr>
<tr>
<td></td>
<td>Interior Trim (previously known as WM376)</td>
<td>W1376</td>
</tr>
<tr>
<td></td>
<td>Interior Trim (previously known as WM445)</td>
<td>W1445</td>
</tr>
<tr>
<td></td>
<td>Interior Trim – 4/4 Flat</td>
<td>W6328</td>
</tr>
</tbody>
</table>

Plinth Block – 3"

<table>
<thead>
<tr>
<th>Pine</th>
<th>11850093</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Oak</td>
<td>10499102</td>
</tr>
<tr>
<td>Cherry</td>
<td>10499103</td>
</tr>
<tr>
<td>Mahogany</td>
<td>10499104</td>
</tr>
<tr>
<td>VG Douglas Fir</td>
<td>10499105</td>
</tr>
<tr>
<td>Red Oak</td>
<td>11850090</td>
</tr>
<tr>
<td>Cedro Macho</td>
<td>10499116</td>
</tr>
</tbody>
</table>

Plinth Block – 4"

<table>
<thead>
<tr>
<th>Pine</th>
<th>11850092</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Oak</td>
<td>10499111</td>
</tr>
<tr>
<td>Cherry</td>
<td>10499112</td>
</tr>
<tr>
<td>Mahogany</td>
<td>10499113</td>
</tr>
<tr>
<td>VG Douglas Fir</td>
<td>10499114</td>
</tr>
<tr>
<td>Red Oak</td>
<td>11850091</td>
</tr>
<tr>
<td>Cedro Macho</td>
<td>10499117</td>
</tr>
</tbody>
</table>

NOTE: Interior trim is also used on Arch Top French Doors.

TO ORDER REPLACEMENT ROUND TOP INTERIOR TRIM

When ordering replacement wood parts specify:
1. profile number;
   a. pine or oak
   b. for plinth block – part number only
2. original Marvin order number
   or call number;
3. rough opening or length;
4. finish;
5. radius only or entire unit;
6. template (if required).

NOTE: Longest length available for pine trim is 168". Longest length available for oak trim is 120".
RT51–53, 58–61 or any type of inverted radius will have flat profile only.
ORDERING REPLACEMENT SASH FOR ROUND TOPS AND POLYGONS

When ordering replacement sash specify:

Round Tops
1. product type and sash thickness;
2. size;
   a. original order number or template
   b. call number and/or shape book number
   c. Variation #5 or Variation #6 daylight opening measurements shown below (if applicable)
   d. daylight opening shape book number (if different from variation)
3. glazing;
4. finish;
5. Interior sticking type.

Polygons
1. product type and sash thickness;
2. size;
   a. call number and/or Polygon and Round Top Shape book number
   b. measurements as required in shape book
3. glazing;
4. finish;
5. Interior sticking type.

Round Top Double Hung Variations

NOTE: Variation #3 features rectangular frame and sash. Refer to Double Hung section, Chapter 5 for more information.
ORDERING REPLACEMENT WEATHER STRIP FOR ROUND TOPS

More information on weather strip can be found in each product chapter (Chapter 2, Casemaster; Chapter 5, Ultimate Double Hung; Chapter 9, Ultimate Double Hung Magnum).

When ordering replacement weather strip specify:
1. quantity;
2. color;
3. part number;
4. description.

<table>
<thead>
<tr>
<th>ILLUSTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Stop Weather Strip</td>
</tr>
<tr>
<td>Description: CRTUDH, CRTUDHM V025 Color: Beige</td>
</tr>
<tr>
<td>Length: Lineal Foot</td>
</tr>
<tr>
<td>Part Number: 15350010</td>
</tr>
<tr>
<td>Jamb Carrier Foam Backer Rod – Round Top</td>
</tr>
<tr>
<td>Description: CRTUDH</td>
</tr>
<tr>
<td>Length: Lineal Foot</td>
</tr>
<tr>
<td>Part Number: 15350008</td>
</tr>
<tr>
<td>Sash Trim – Round Top</td>
</tr>
<tr>
<td>Description: CRTUDH, CRTUDHM V004</td>
</tr>
<tr>
<td>Length: 72”(1828)</td>
</tr>
<tr>
<td>Part Number: 15350005</td>
</tr>
<tr>
<td>Top Sash Weather Strip – Round Top</td>
</tr>
<tr>
<td>Description: CRTCM, WRTCM V195 Color: Beige</td>
</tr>
<tr>
<td>Length: 150” (3810)</td>
</tr>
<tr>
<td>Part Number: 15708399</td>
</tr>
<tr>
<td>Frame Weather Strip</td>
</tr>
<tr>
<td>Description: CRTCM V506</td>
</tr>
<tr>
<td>Length: Lineal Foot</td>
</tr>
<tr>
<td>BG BK Part Number: 15910599 15910899</td>
</tr>
<tr>
<td>Frame Weather Strip – Picture/Transom</td>
</tr>
<tr>
<td>Description: MISC – 03692 Color: Gray</td>
</tr>
<tr>
<td>Length: 25’</td>
</tr>
<tr>
<td>Part Number: 11406223</td>
</tr>
<tr>
<td>Bottom Rail or Frame Weather Strip</td>
</tr>
<tr>
<td>Description: CRTUDHM V937</td>
</tr>
<tr>
<td>Length: 100” (2540)</td>
</tr>
<tr>
<td>Part Number: 15350799</td>
</tr>
<tr>
<td>Top Check Rail Weather Strip</td>
</tr>
<tr>
<td>Description: CRTUDHM V920 Color: BG</td>
</tr>
<tr>
<td>Length: 100” (2540)</td>
</tr>
<tr>
<td>Part Number: 15350399</td>
</tr>
</tbody>
</table>
ROUND TOPS AND POLYGONS
SCREENS/ENERGY PANELS/COMBINATIONS

ORDERING REPLACEMENT SCREENS FOR ROUND TOPS

When ordering replacement screen specify:
1. call number and/or original Marvin order number;
   a. template required*
   b. Round Top Casemaster (specials)
      see illustration
2. color;
3. mesh type (if other than standard).

*All pre–3/31/03 Round Top Casemaster screen orders will need a screen OSM template with butterfly clip locations identified. This will ensure consistent clip locations on all RT screens ordered.

For additional Round Top screen information, refer to Chapter 2 (Casemaster), Chapter 5 (Ultimate Double Hung) or Chapter 9 (Ultimate Double Hung Magnum).

ORDERING REPLACEMENT ENERGY PANELS FOR ROUND TOPS OR POLYGONS

When ordering energy panels specify:
1. product type with call number and/or original Marvin order number;
   a. Polygons – shape number from Polygon and Round Top shape book and all dimensions
   b. Round tops – template required
2. color of surround;
3. glass type.

For additional Round Top energy panel information, refer to Chapter 2 (Casemaster), Chapter 5 (Ultimate Double Hung) or Chapter 9 (Ultimate Double Hung Magnum).

ORDERING REPLACEMENT COMBINATIONS AND/OR INSERTS FOR ROUND TOP DOUBLE HUNGS

When ordering replacement combinations specify:
1. call number and/or original Marvin order number;
   a. provide template (required)
2. color of surround;
3. mesh type (if other than standard);
4. glass type;
5. finish.

For additional Round Top Double Hung combination information, refer to Chapter 5 (Ultimate Double Hung), or Chapter 9 (Ultimate Double Hung Magnum).