

# SIZE GUIDE



Mi™

# S3500 SINGLE HUNG WINDOW

## SINGLE HUNG WINDOW SIZES

| CODE          | 1-8     | 2-0     | 2-4     | 2-8     | 3-0     | 3-4     | 3-8     |
|---------------|---------|---------|---------|---------|---------|---------|---------|
| ACTUAL SIZE   | 21 3/4  | 25 3/4  | 29 3/4  | 33 3/4  | 37 3/4  | 41 3/4  | 45 3/4  |
| ROUGH OPENING | 22 1/8  | 26 1/8  | 30 1/8  | 34 1/8  | 38 1/8  | 42 1/8  | 46 1/8  |
| 6-0           | 65 3/4  | 69 3/4  | 73 3/4  | 77 3/4  | 81 3/4  | 85 3/4  | 89 3/4  |
| 6-2           | 67 3/4  | 71 3/4  | 75 3/4  | 79 3/4  | 83 3/4  | 87 3/4  | 91 3/4  |
| 6-4           | 69 3/4  | 73 3/4  | 77 3/4  | 81 3/4  | 85 3/4  | 89 3/4  | 93 3/4  |
| 6-6           | 71 3/4  | 75 3/4  | 79 3/4  | 83 3/4  | 87 3/4  | 91 3/4  | 95 3/4  |
| 6-8           | 73 3/4  | 77 3/4  | 81 3/4  | 85 3/4  | 89 3/4  | 93 3/4  | 97 3/4  |
| 6-10          | 75 3/4  | 79 3/4  | 83 3/4  | 87 3/4  | 91 3/4  | 95 3/4  | 99 3/4  |
| 6-12          | 77 3/4  | 81 3/4  | 85 3/4  | 89 3/4  | 93 3/4  | 97 3/4  | 101 3/4 |
| 6-14          | 79 3/4  | 83 3/4  | 87 3/4  | 91 3/4  | 95 3/4  | 99 3/4  | 103 3/4 |
| 6-16          | 81 3/4  | 85 3/4  | 89 3/4  | 93 3/4  | 97 3/4  | 101 3/4 | 105 3/4 |
| 6-18          | 83 3/4  | 87 3/4  | 91 3/4  | 95 3/4  | 99 3/4  | 103 3/4 | 107 3/4 |
| 6-20          | 85 3/4  | 89 3/4  | 93 3/4  | 97 3/4  | 101 3/4 | 105 3/4 | 109 3/4 |
| 6-22          | 87 3/4  | 91 3/4  | 95 3/4  | 99 3/4  | 103 3/4 | 107 3/4 | 111 3/4 |
| 6-24          | 89 3/4  | 93 3/4  | 97 3/4  | 101 3/4 | 105 3/4 | 109 3/4 | 113 3/4 |
| 6-26          | 91 3/4  | 95 3/4  | 99 3/4  | 103 3/4 | 107 3/4 | 111 3/4 | 115 3/4 |
| 6-28          | 93 3/4  | 97 3/4  | 101 3/4 | 105 3/4 | 109 3/4 | 113 3/4 | 117 3/4 |
| 6-30          | 95 3/4  | 99 3/4  | 103 3/4 | 107 3/4 | 111 3/4 | 115 3/4 | 119 3/4 |
| 6-32          | 97 3/4  | 101 3/4 | 105 3/4 | 109 3/4 | 113 3/4 | 117 3/4 | 121 3/4 |
| 6-34          | 99 3/4  | 103 3/4 | 107 3/4 | 111 3/4 | 115 3/4 | 119 3/4 | 123 3/4 |
| 6-36          | 101 3/4 | 105 3/4 | 109 3/4 | 113 3/4 | 117 3/4 | 121 3/4 | 125 3/4 |
| 6-38          | 103 3/4 | 107 3/4 | 111 3/4 | 115 3/4 | 119 3/4 | 123 3/4 | 127 3/4 |
| 6-40          | 105 3/4 | 109 3/4 | 113 3/4 | 117 3/4 | 121 3/4 | 125 3/4 | 129 3/4 |
| 6-42          | 107 3/4 | 111 3/4 | 115 3/4 | 119 3/4 | 123 3/4 | 127 3/4 | 131 3/4 |
| 6-44          | 109 3/4 | 113 3/4 | 117 3/4 | 121 3/4 | 125 3/4 | 129 3/4 | 133 3/4 |
| 6-46          | 111 3/4 | 115 3/4 | 119 3/4 | 123 3/4 | 127 3/4 | 131 3/4 | 135 3/4 |
| 6-48          | 113 3/4 | 117 3/4 | 121 3/4 | 125 3/4 | 129 3/4 | 133 3/4 | 137 3/4 |
| 6-50          | 115 3/4 | 119 3/4 | 123 3/4 | 127 3/4 | 131 3/4 | 135 3/4 | 139 3/4 |
| 6-52          | 117 3/4 | 121 3/4 | 125 3/4 | 129 3/4 | 133 3/4 | 137 3/4 | 141 3/4 |
| 6-54          | 119 3/4 | 123 3/4 | 127 3/4 | 131 3/4 | 135 3/4 | 139 3/4 | 143 3/4 |
| 6-56          | 121 3/4 | 125 3/4 | 129 3/4 | 133 3/4 | 137 3/4 | 141 3/4 | 145 3/4 |
| 6-58          | 123 3/4 | 127 3/4 | 131 3/4 | 135 3/4 | 139 3/4 | 143 3/4 | 147 3/4 |
| 6-60          | 125 3/4 | 129 3/4 | 133 3/4 | 137 3/4 | 141 3/4 | 145 3/4 | 149 3/4 |
| 6-62          | 127 3/4 | 131 3/4 | 135 3/4 | 139 3/4 | 143 3/4 | 147 3/4 | 151 3/4 |
| 6-64          | 129 3/4 | 133 3/4 | 137 3/4 | 141 3/4 | 145 3/4 | 149 3/4 | 153 3/4 |
| 6-66          | 131 3/4 | 135 3/4 | 139 3/4 | 143 3/4 | 147 3/4 | 151 3/4 | 155 3/4 |
| 6-68          | 133 3/4 | 137 3/4 | 141 3/4 | 145 3/4 | 149 3/4 | 153 3/4 | 157 3/4 |
| 6-70          | 135 3/4 | 139 3/4 | 143 3/4 | 147 3/4 | 151 3/4 | 155 3/4 | 159 3/4 |
| 6-72          | 137 3/4 | 141 3/4 | 145 3/4 | 149 3/4 | 153 3/4 | 157 3/4 | 161 3/4 |
| 6-74          | 139 3/4 | 143 3/4 | 147 3/4 | 151 3/4 | 155 3/4 | 159 3/4 | 163 3/4 |
| 6-76          | 141 3/4 | 145 3/4 | 149 3/4 | 153 3/4 | 157 3/4 | 161 3/4 | 165 3/4 |
| 6-78          | 143 3/4 | 147 3/4 | 151 3/4 | 155 3/4 | 159 3/4 | 163 3/4 | 167 3/4 |
| 6-80          | 145 3/4 | 149 3/4 | 153 3/4 | 157 3/4 | 161 3/4 | 165 3/4 | 169 3/4 |
| 6-82          | 147 3/4 | 151 3/4 | 155 3/4 | 159 3/4 | 163 3/4 | 167 3/4 | 171 3/4 |
| 6-84          | 149 3/4 | 153 3/4 | 157 3/4 | 161 3/4 | 165 3/4 | 169 3/4 | 173 3/4 |
| 6-86          | 151 3/4 | 155 3/4 | 159 3/4 | 163 3/4 | 167 3/4 | 171 3/4 | 175 3/4 |
| 6-88          | 153 3/4 | 157 3/4 | 161 3/4 | 165 3/4 | 169 3/4 | 173 3/4 | 177 3/4 |
| 6-90          | 155 3/4 | 159 3/4 | 163 3/4 | 167 3/4 | 171 3/4 | 175 3/4 | 179 3/4 |
| 6-92          | 157 3/4 | 161 3/4 | 165 3/4 | 169 3/4 | 173 3/4 | 177 3/4 | 181 3/4 |
| 6-94          | 159 3/4 | 163 3/4 | 167 3/4 | 171 3/4 | 175 3/4 | 179 3/4 | 183 3/4 |
| 6-96          | 161 3/4 | 165 3/4 | 169 3/4 | 173 3/4 | 177 3/4 | 181 3/4 | 185 3/4 |
| 6-98          | 163 3/4 | 167 3/4 | 171 3/4 | 175 3/4 | 179 3/4 | 183 3/4 | 187 3/4 |
| 6-100         | 165 3/4 | 169 3/4 | 173 3/4 | 177 3/4 | 181 3/4 | 185 3/4 | 189 3/4 |
| 6-102         | 167 3/4 | 171 3/4 | 175 3/4 | 179 3/4 | 183 3/4 | 187 3/4 | 191 3/4 |
| 6-104         | 169 3/4 | 173 3/4 | 177 3/4 | 181 3/4 | 185 3/4 | 189 3/4 | 193 3/4 |
| 6-106         | 171 3/4 | 175 3/4 | 179 3/4 | 183 3/4 | 187 3/4 | 191 3/4 | 195 3/4 |
| 6-108         | 173 3/4 | 177 3/4 | 181 3/4 | 185 3/4 | 189 3/4 | 193 3/4 | 197 3/4 |
| 6-110         | 175 3/4 | 179 3/4 | 183 3/4 | 187 3/4 | 191 3/4 | 195 3/4 | 199 3/4 |
| 6-112         | 177 3/4 | 181 3/4 | 185 3/4 | 189 3/4 | 193 3/4 | 197 3/4 | 201 3/4 |
| 6-114         | 179 3/4 | 183 3/4 | 187 3/4 | 191 3/4 | 195 3/4 | 199 3/4 | 203 3/4 |
| 6-116         | 181 3/4 | 185 3/4 | 189 3/4 | 193 3/4 | 197 3/4 | 201 3/4 | 205 3/4 |
| 6-118         | 183 3/4 | 187 3/4 | 191 3/4 | 195 3/4 | 199 3/4 | 203 3/4 | 207 3/4 |
| 6-120         | 185 3/4 | 189 3/4 | 193 3/4 | 197 3/4 | 201 3/4 | 205 3/4 | 209 3/4 |
| 6-122         | 187 3/4 | 191 3/4 | 195 3/4 | 199 3/4 | 203 3/4 | 207 3/4 | 211 3/4 |
| 6-124         | 189 3/4 | 193 3/4 | 197 3/4 | 201 3/4 | 205 3/4 | 209 3/4 | 213 3/4 |
| 6-126         | 191 3/4 | 195 3/4 | 199 3/4 | 203 3/4 | 207 3/4 | 211 3/4 | 215 3/4 |
| 6-128         | 193 3/4 | 197 3/4 | 201 3/4 | 205 3/4 | 209 3/4 | 213 3/4 | 217 3/4 |
| 6-130         | 195 3/4 | 199 3/4 | 203 3/4 | 207 3/4 | 211 3/4 | 215 3/4 | 219 3/4 |
| 6-132         | 197 3/4 | 201 3/4 | 205 3/4 | 209 3/4 | 213 3/4 | 217 3/4 | 221 3/4 |
| 6-134         | 199 3/4 | 203 3/4 | 207 3/4 | 211 3/4 | 215 3/4 | 219 3/4 | 223 3/4 |
| 6-136         | 201 3/4 | 205 3/4 | 209 3/4 | 213 3/4 | 217 3/4 | 221 3/4 | 225 3/4 |
| 6-138         | 203 3/4 | 207 3/4 | 211 3/4 | 215 3/4 | 219 3/4 | 223 3/4 | 227 3/4 |
| 6-140         | 205 3/4 | 209 3/4 | 213 3/4 | 217 3/4 | 221 3/4 | 225 3/4 | 229 3/4 |
| 6-142         | 207 3/4 | 211 3/4 | 215 3/4 | 219 3/4 | 223 3/4 | 227 3/4 | 231 3/4 |
| 6-144         | 209 3/4 | 213 3/4 | 217 3/4 | 221 3/4 | 225 3/4 | 229 3/4 | 233 3/4 |
| 6-146         | 211 3/4 | 215 3/4 | 219 3/4 | 223 3/4 | 227 3/4 | 231 3/4 | 235 3/4 |
| 6-148         | 213 3/4 | 217 3/4 | 221 3/4 | 225 3/4 | 229 3/4 | 233 3/4 | 237 3/4 |
| 6-150         | 215 3/4 | 219 3/4 | 223 3/4 | 227 3/4 | 231 3/4 | 235 3/4 | 239 3/4 |
| 6-152         | 217 3/4 | 221 3/4 | 225 3/4 | 229 3/4 | 233 3/4 | 237 3/4 | 241 3/4 |
| 6-154         | 219 3/4 | 223 3/4 | 227 3/4 | 231 3/4 | 235 3/4 | 239 3/4 | 243 3/4 |
| 6-156         | 221 3/4 | 225 3/4 | 229 3/4 | 233 3/4 | 237 3/4 | 241 3/4 | 245 3/4 |
| 6-158         | 223 3/4 | 227 3/4 | 231 3/4 | 235 3/4 | 239 3/4 | 243 3/4 | 247 3/4 |
| 6-160         | 225 3/4 | 229 3/4 | 233 3/4 | 237 3/4 | 241 3/4 | 245 3/4 | 249 3/4 |
| 6-162         | 227 3/4 | 231 3/4 | 235 3/4 | 239 3/4 | 243 3/4 | 247 3/4 | 251 3/4 |
| 6-164         | 229 3/4 | 233 3/4 | 237 3/4 | 241 3/4 | 245 3/4 | 249 3/4 | 253 3/4 |
| 6-166         | 231 3/4 | 235 3/4 | 239 3/4 | 243 3/4 | 247 3/4 | 251 3/4 | 255 3/4 |
| 6-168         | 233 3/4 | 237 3/4 | 241 3/4 | 245 3/4 | 249 3/4 | 253 3/4 | 257 3/4 |
| 6-170         | 235 3/4 | 239 3/4 | 243 3/4 | 247 3/4 | 251 3/4 | 255 3/4 | 259 3/4 |
| 6-172         | 237 3/4 | 241 3/4 | 245 3/4 | 249 3/4 | 253 3/4 | 257 3/4 | 261 3/4 |
| 6-174         | 239 3/4 | 243 3/4 | 247 3/4 | 251 3/4 | 255 3/4 | 259 3/4 | 263 3/4 |
| 6-176         | 241 3/4 | 245 3/4 | 249 3/4 | 253 3/4 | 257 3/4 | 261 3/4 | 265 3/4 |
| 6-178         | 243 3/4 | 247 3/4 | 251 3/4 | 255 3/4 | 259 3/4 | 263 3/4 | 267 3/4 |
| 6-180         | 245 3/4 | 249 3/4 | 253 3/4 | 257 3/4 | 261 3/4 | 265 3/4 | 269 3/4 |
| 6-182         | 247 3/4 | 251 3/4 | 255 3/4 | 259 3/4 | 263 3/4 | 267 3/4 | 271 3/4 |
| 6-184         | 249 3/4 | 253 3/4 | 257 3/4 | 261 3/4 | 265 3/4 | 269 3/4 | 273 3/4 |
| 6-186         | 251 3/4 | 255 3/4 | 259 3/4 | 263 3/4 | 267 3/4 | 271 3/4 | 275 3/4 |
| 6-188         | 253 3/4 | 257 3/4 | 261 3/4 | 265 3/4 | 269 3/4 | 273 3/4 | 277 3/4 |
| 6-190         | 255 3/4 | 259 3/4 | 263 3/4 | 267 3/4 | 271 3/4 | 275 3/4 | 279 3/4 |
| 6-192         | 257 3/4 | 261 3/4 | 265 3/4 | 269 3/4 | 273 3/4 | 277 3/4 | 281 3/4 |
| 6-194         | 259 3/4 | 263 3/4 | 267 3/4 | 271 3/4 | 275 3/4 | 279 3/4 | 283 3/4 |
| 6-196         | 261 3/4 | 265 3/4 | 269 3/4 | 273 3/4 | 277 3/4 | 281 3/4 | 285 3/4 |
| 6-198         | 263 3/4 | 267 3/4 | 271 3/4 | 275 3/4 | 279 3/4 | 283 3/4 | 287 3/4 |
| 6-200         | 265 3/4 | 269 3/4 | 273 3/4 | 277 3/4 | 281 3/4 | 285 3/4 | 289 3/4 |

## SIDELITES

| CODE          | 1-0    | 1-2    | 1-8    | 2-0    |
|---------------|--------|--------|--------|--------|
| ACTUAL SIZE   | 13 3/4 | 15 3/4 | 21 3/4 | 25 3/4 |
| ROUGH OPENING | 14 1/8 | 16 1/8 | 22 1/8 | 26 1/8 |
| 6-0           | 65 3/4 | 69 3/4 | 73 3/4 | 77 3/4 |
| 6-2           | 67 3/4 | 71 3/4 | 75 3/4 | 79 3/4 |
| 6-4           | 69 3/4 | 73 3/4 | 77 3/4 | 81 3/4 |
| 6-6           | 71 3/4 | 75 3/4 | 79 3/4 | 83 3/4 |
| 6-8           | 73 3/4 | 77 3/4 | 81 3/4 | 85 3/4 |
| 6-10          | 75 3/4 | 79 3/4 | 83 3/4 | 87 3/4 |
| 6-12          | 77 3/4 | 81 3/4 | 85 3/4 | 89 3/4 |
| 6-14          | 79 3/4 | 83 3/4 | 87 3/4 | 91 3/4 |
| 6-16          | 81 3/4 | 85 3/4 | 89 3/4 | 93 3/4 |
| 6-18          | 83 3/4 | 87 3/4 | 91 3/4 | 95 3/4 |
| 6-20          | 85 3/4 | 89 3/4 | 93 3/4 | 97 3/4 |

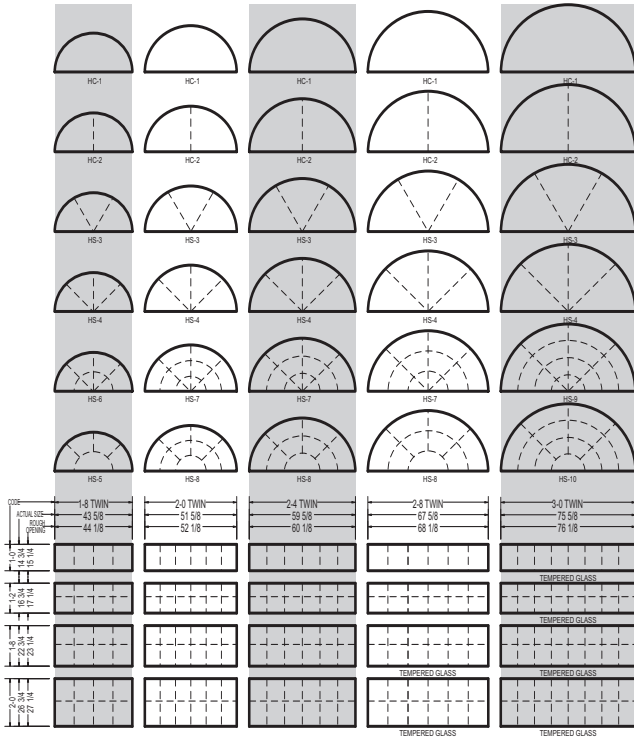
# S3500 SINGLE HUNG WINDOW

## PICTURE WINDOW SIZES

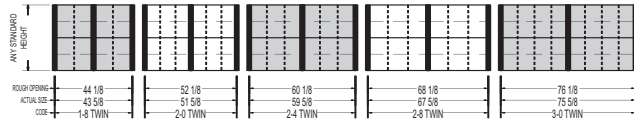
| CODE          | 3-0    | 3-4    | 3-8    | 4-0    | 4-4    | 5-0    | 5-8            | 6-0            |
|---------------|--------|--------|--------|--------|--------|--------|----------------|----------------|
| ACTUAL SIZE   | 37 3/4 | 41 3/4 | 45 3/4 | 49 3/4 | 53 3/4 | 61 3/4 | 69 3/4         | 73 3/4         |
| ROUGH OPENING | 38 1/8 | 42 1/8 | 46 1/8 | 50 1/8 | 54 1/8 | 62 1/8 | 70 1/8         | 74 1/8         |
| 2-10          | 36 3/4 |        |        |        |        |        |                |                |
| 3-2           | 40 3/4 |        |        |        |        |        |                |                |
| 3-10          | 48 3/4 |        |        |        |        |        |                |                |
| 4-2           | 52 3/4 |        |        |        |        |        |                |                |
| 4-6           | 56 3/4 |        |        |        |        |        |                |                |
| 5-2           | 64 3/4 |        |        |        |        |        |                |                |
| 5-6 EQUAL     | 68 3/4 |        |        |        |        |        | TEMPERED GLASS | TEMPERED GLASS |
| 5-6 CS        | 68 3/4 |        |        |        |        |        | TEMPERED GLASS | TEMPERED GLASS |
| 6-2           | 76 3/4 |        |        |        |        |        | TEMPERED GLASS | TEMPERED GLASS |
|               |        |        |        |        |        |        | TEMPERED GLASS | TEMPERED GLASS |



## TWIN CIRCLE TOP WINDOW SIZES

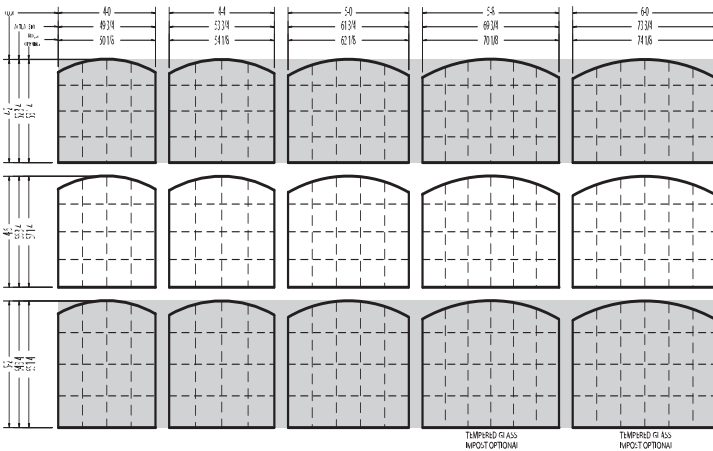


## TWIN TRANSOM WINDOW SIZES

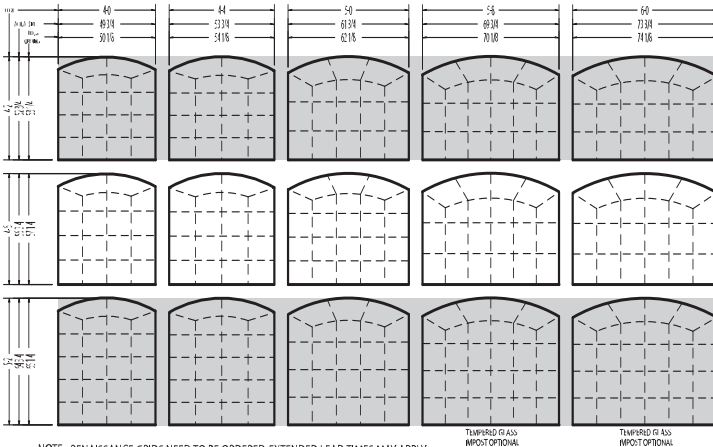


## ARCH TOP SIZES

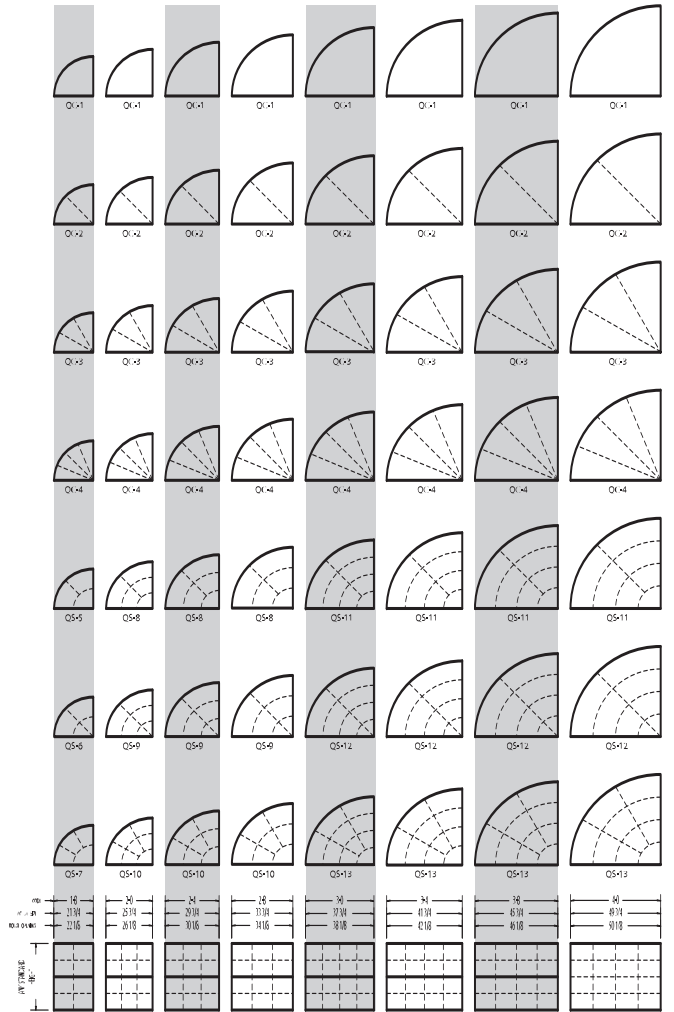
### COLONIAL GRID PATTERNS



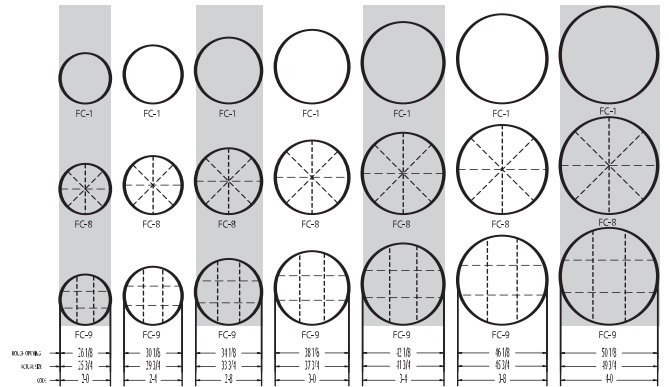
### RENAISSANCE GRID PATTERNS



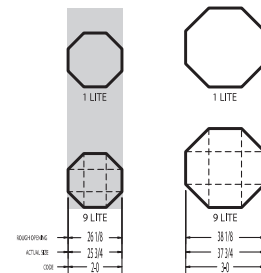
## QUARTER CIRCLE WINDOW SIZES



## FULL CIRCLE WINDOW SIZES

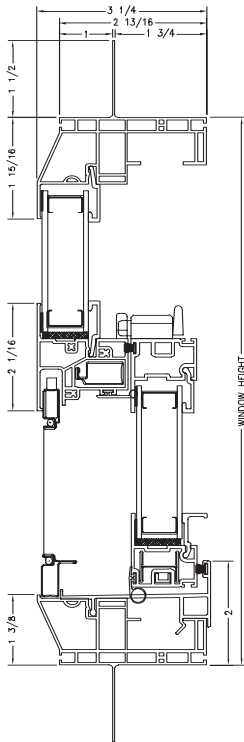


## OCTAGON SIZES

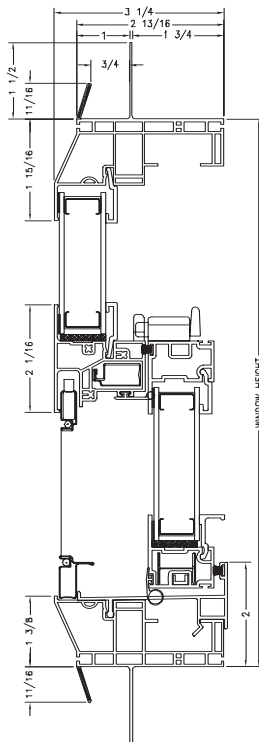


NOTE: RENAISSANCE GRIDS NEED TO BE ORDERED, EXTENDED LEAD TIMES MAY APPLY.

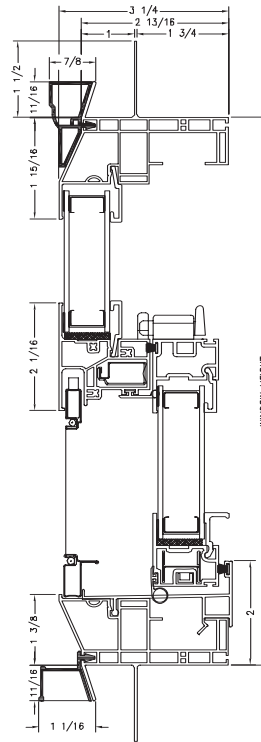
**VERTICAL DETAILS**



S3500 SINGLE HUNG  
VERTICAL CROSS SECTION

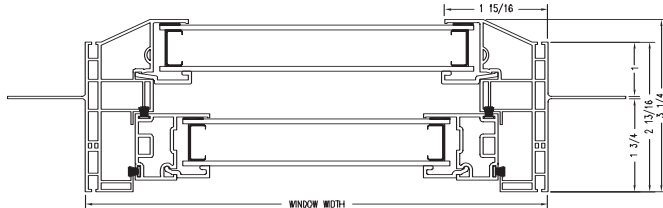


S3500 SINGLE HUNG  
WITH J-CHANNEL  
VERTICAL CROSS SECTION

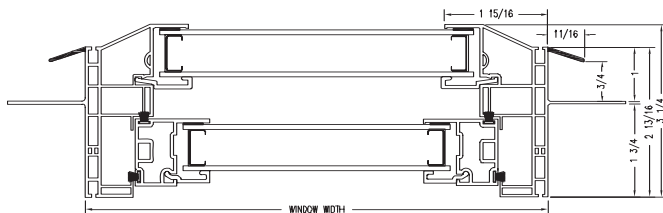


S3500 SINGLE HUNG  
WITH OPTIONAL BRICKMOLD  
VERTICAL CROSS SECTION

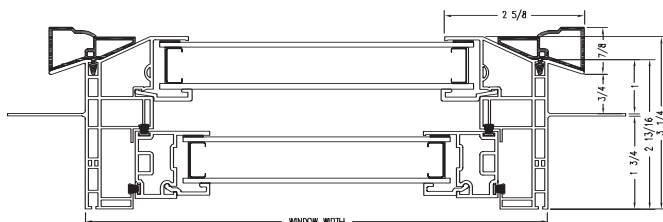
**HORIZONTAL DETAILS**



S3500 SINGLE HUNG  
HORIZONTAL CROSS SECTION



S3500 SINGLE HUNG  
WITH J-CHANNEL  
HORIZONTAL CROSS SECTION

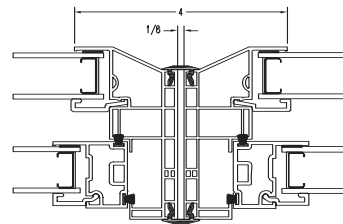


S3500 SINGLE HUNG  
WITH BRICKMOLD  
HORIZONTAL CROSS SECTION

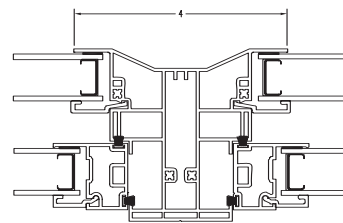
V-023 MULLION



1/8" ADD-ON



S3500 SINGLE HUNG  
HORIZONTAL MULL CROSS SECTION



S3500 SINGLE HUNG  
INTERMEDIATE JAMB  
HORIZONTAL CROSS SECTION



QUALITY CONTROL & TESTING

**AAMA CERTIFICATION PROGRAM**  
ACCREDITED BY: AMERICAN NATIONAL STANDARDS INSTITUTE

Validator ALI®

CODE: BB-1

AAMA Certification insures labeled products comply with industry specifications related to windload, air infiltration and water resistance requirements.



NFRC rated products provide you with an industry standard energy efficiency testing and ratings comparison. Meet your demands for energy performance at a glance.

# S3500 SERIES SINGLE HUNG OPENING SPECIFICATIONS

| Code Size     | Window ID |          | Sash Raised Clear Opening |          |         | Visible Light Sq. Ft. | Screen Overall Finish Size |            | Top Glass |          | Bottom Glass |          |
|---------------|-----------|----------|---------------------------|----------|---------|-----------------------|----------------------------|------------|-----------|----------|--------------|----------|
|               | Width     | Height   | Width                     | Height   | Sq. Ft. |                       | Width                      | Height     | Width     | Height   | Width        | Height   |
| VNC 18210     | 21 3/4    | x 36 3/4 | 17 13/16                  | x 13 1/2 | 1.67    | 3.60                  | 19                         | x 16 13/16 | 18 13/16  | x 15 7/8 | 18           | x 15 7/8 |
| VNC 1832      | 21 3/4    | x 40 3/4 | 17 13/16                  | x 15 1/2 | 1.92    | 4.08                  | 19                         | x 18 13/16 | 18 13/16  | x 17 7/8 | 18           | x 17 7/8 |
| VNC 18310     | 21 3/4    | x 48 3/4 | 17 13/16                  | x 19 1/2 | 2.41    | 5.05                  | 19                         | x 22 13/16 | 18 13/16  | x 21 7/8 | 18           | x 21 7/8 |
| VNC 1842      | 21 3/4    | x 52 3/4 | 17 13/16                  | x 21 1/2 | 2.66    | 5.53                  | 19                         | x 24 13/16 | 18 13/16  | x 23 7/8 | 18           | x 23 7/8 |
| VNC 1846      | 21 3/4    | x 56 3/4 | 17 13/16                  | x 23 1/2 | 2.91    | 6.01                  | 19                         | x 26 13/16 | 18 13/16  | x 25 7/8 | 18           | x 25 7/8 |
| VNC 1852      | 21 3/4    | x 64 3/4 | 17 13/16                  | x 27 1/2 | 3.40    | 6.98                  | 19                         | x 30 13/16 | 18 13/16  | x 29 7/8 | 18           | x 29 7/8 |
| VNC 1856 C.S. | 21 3/4    | x 68 3/4 | 17 13/16                  | x 23 1/2 | 2.91    | 7.43                  | 19                         | x 38 13/16 | 18 13/16  | x 25 7/8 | 18           | x 37 7/8 |
| VNC 1856 EQ   | 21 3/4    | x 68 3/4 | 17 13/16                  | x 29 1/2 | 3.65    | 7.46                  | 19                         | x 32 13/16 | 18 13/16  | x 31 7/8 | 18           | x 31 7/8 |
| VNC 1862      | 21 3/4    | x 76 3/4 | 17 13/16                  | x 33 1/2 | 4.14    | 8.43                  | 19                         | x 36 13/16 | 18 13/16  | x 35 7/8 | 18           | x 35 7/8 |
| VNC 20210     | 25 3/4    | x 36 3/4 | 21 13/16                  | x 13 1/2 | 2.04    | 4.42                  | 23                         | x 16 13/16 | 22 13/16  | x 15 7/8 | 22           | x 15 7/8 |
| VNC 2032      | 25 3/4    | x 40 3/4 | 21 13/16                  | x 15 1/2 | 2.35    | 5.02                  | 23                         | x 18 13/16 | 22 13/16  | x 17 7/8 | 22           | x 17 7/8 |
| VNC 20310     | 25 3/4    | x 48 3/4 | 21 13/16                  | x 19 1/2 | 2.95    | 6.21                  | 23                         | x 22 13/16 | 22 13/16  | x 21 7/8 | 22           | x 21 7/8 |
| VNC 2042      | 25 3/4    | x 52 3/4 | 21 13/16                  | x 21 1/2 | 3.26    | 6.80                  | 23                         | x 24 13/16 | 22 13/16  | x 23 7/8 | 22           | x 23 7/8 |
| VNC 2046      | 25 3/4    | x 56 3/4 | 21 13/16                  | x 23 1/2 | 3.56    | 7.40                  | 23                         | x 26 13/16 | 22 13/16  | x 25 7/8 | 22           | x 25 7/8 |
| VNC 2052      | 25 3/4    | x 64 3/4 | 21 13/16                  | x 27 1/2 | 4.17    | 8.58                  | 23                         | x 30 13/16 | 22 13/16  | x 29 7/8 | 22           | x 29 7/8 |
| VNC 2056 C.S. | 25 3/4    | x 68 3/4 | 21 13/16                  | x 23 1/2 | 3.56    | 9.15                  | 23                         | x 38 13/16 | 22 13/16  | x 25 7/8 | 22           | x 37 7/8 |
| VNC 2056 EQ   | 25 3/4    | x 68 3/4 | 21 13/16                  | x 29 1/2 | 4.47    | 9.18                  | 23                         | x 32 13/16 | 22 13/16  | x 31 7/8 | 22           | x 31 7/8 |
| VNC 2062      | 25 3/4    | x 76 3/4 | 21 13/16                  | x 33 1/2 | 5.07    | 10.37                 | 23                         | x 36 13/16 | 22 13/16  | x 35 7/8 | 22           | x 35 7/8 |
| VNC 24210     | 29 3/4    | x 36 3/4 | 25 13/16                  | x 13 1/2 | 2.42    | 5.25                  | 27                         | x 16 13/16 | 26 13/16  | x 15 7/8 | 26           | x 15 7/8 |
| VNC 2432      | 29 3/4    | x 40 3/4 | 25 13/16                  | x 15 1/2 | 2.78    | 5.95                  | 27                         | x 18 13/16 | 26 13/16  | x 17 7/8 | 26           | x 17 7/8 |
| VNC 24310     | 29 3/4    | x 48 3/4 | 25 13/16                  | x 19 1/2 | 3.50    | 7.37                  | 27                         | x 22 13/16 | 26 13/16  | x 21 7/8 | 26           | x 21 7/8 |
| VNC 2442      | 29 3/4    | x 52 3/4 | 25 13/16                  | x 21 1/2 | 3.85    | 8.07                  | 27                         | x 24 13/16 | 26 13/16  | x 23 7/8 | 26           | x 23 7/8 |
| VNC 2446      | 29 3/4    | x 56 3/4 | 25 13/16                  | x 23 1/2 | 4.21    | 8.78                  | 27                         | x 26 13/16 | 26 13/16  | x 25 7/8 | 26           | x 25 7/8 |
| VNC 2452      | 29 3/4    | x 64 3/4 | 25 13/16                  | x 27 1/2 | 4.93    | 10.19                 | 27                         | x 30 13/16 | 26 13/16  | x 29 7/8 | 26           | x 29 7/8 |
| VNC 2456 C.S. | 29 3/4    | x 68 3/4 | 25 13/16                  | x 23 1/2 | 4.21    | 10.86                 | 27                         | x 38 13/16 | 26 13/16  | x 25 7/8 | 26           | x 37 7/8 |
| VNC 2456 EQ   | 29 3/4    | x 68 3/4 | 25 13/16                  | x 29 1/2 | 5.29    | 10.89                 | 27                         | x 32 13/16 | 26 13/16  | x 31 7/8 | 26           | x 31 7/8 |
| VNC 2462      | 29 3/4    | x 76 3/4 | 25 13/16                  | x 33 1/2 | 6.00    | 12.31                 | 27                         | x 36 13/16 | 26 13/16  | x 35 7/8 | 26           | x 35 7/8 |
| VNC 28210     | 33 3/4    | x 36 3/4 | 29 13/16                  | x 13 1/2 | 2.79    | 6.08                  | 31                         | x 16 13/16 | 30 13/16  | x 15 7/8 | 30           | x 15 7/8 |
| VNC 2832      | 33 3/4    | x 40 3/4 | 29 13/16                  | x 15 1/2 | 3.21    | 6.89                  | 31                         | x 18 13/16 | 30 13/16  | x 17 7/8 | 30           | x 17 7/8 |
| VNC 28310     | 33 3/4    | x 48 3/4 | 29 13/16                  | x 19 1/2 | 4.04    | 8.53                  | 31                         | x 22 13/16 | 30 13/16  | x 21 7/8 | 30           | x 21 7/8 |
| VNC 2842      | 33 3/4    | x 52 3/4 | 29 13/16                  | x 21 1/2 | 4.45    | 9.34                  | 31                         | x 24 13/16 | 30 13/16  | x 23 7/8 | 30           | x 23 7/8 |
| VNC 2846      | 33 3/4    | x 56 3/4 | 29 13/16                  | x 23 1/2 | 4.87    | 10.16                 | 31                         | x 26 13/16 | 30 13/16  | x 25 7/8 | 30           | x 25 7/8 |
| * VNC 2852    | 33 3/4    | x 64 3/4 | 29 13/16                  | x 28 3/4 | 5.95    | 11.79                 | 31                         | x 30 13/16 | 30 13/16  | x 29 7/8 | 30           | x 29 7/8 |
| VNC 2856 C.S. | 33 3/4    | x 68 3/4 | 29 13/16                  | x 23 1/2 | 4.87    | 12.58                 | 31                         | x 38 13/16 | 30 13/16  | x 25 7/8 | 30           | x 37 7/8 |
| VNC 2856 EQ   | 33 3/4    | x 68 3/4 | 29 13/16                  | x 29 1/2 | 6.11    | 12.61                 | 31                         | x 32 13/16 | 30 13/16  | x 31 7/8 | 30           | x 31 7/8 |
| VNC 2862      | 33 3/4    | x 76 3/4 | 29 13/16                  | x 33 1/2 | 6.94    | 14.24                 | 31                         | x 36 13/16 | 30 13/16  | x 35 7/8 | 30           | x 35 7/8 |
| VNC 30210     | 37 3/4    | x 36 3/4 | 33 13/16                  | x 13 1/2 | 3.17    | 6.90                  | 35                         | x 16 13/16 | 34 13/16  | x 15 7/8 | 34           | x 15 7/8 |
| VNC 3032      | 37 3/4    | x 40 3/4 | 33 13/16                  | x 15 1/2 | 3.64    | 7.83                  | 35                         | x 18 13/16 | 34 13/16  | x 17 7/8 | 34           | x 17 7/8 |
| VNC 30310     | 37 3/4    | x 48 3/4 | 33 13/16                  | x 19 1/2 | 4.58    | 9.69                  | 35                         | x 22 13/16 | 34 13/16  | x 21 7/8 | 34           | x 21 7/8 |
| VNC 3042      | 37 3/4    | x 52 3/4 | 33 13/16                  | x 21 1/2 | 5.05    | 10.61                 | 35                         | x 24 13/16 | 34 13/16  | x 23 7/8 | 34           | x 23 7/8 |
| * VNC 3046    | 37 3/4    | x 56 3/4 | 33 13/16                  | x 24 3/4 | 5.81    | 11.54                 | 35                         | x 26 13/16 | 34 13/16  | x 25 7/8 | 34           | x 25 7/8 |
| * VNC 3052    | 37 3/4    | x 64 3/4 | 33 13/16                  | x 28 3/4 | 6.75    | 13.40                 | 35                         | x 30 13/16 | 34 13/16  | x 29 7/8 | 34           | x 29 7/8 |
| VNC 3056 C.S. | 37 3/4    | x 68 3/4 | 33 13/16                  | x 24 3/4 | 5.81    | 14.29                 | 35                         | x 38 13/16 | 34 13/16  | x 25 7/8 | 34           | x 37 7/8 |
| VNC 3056 EQ   | 37 3/4    | x 68 3/4 | 33 13/16                  | x 29 1/2 | 6.93    | 14.33                 | 35                         | x 32 13/16 | 34 13/16  | x 31 7/8 | 34           | x 31 7/8 |
| VNC 3062      | 37 3/4    | x 76 3/4 | 33 13/16                  | x 33 1/2 | 7.87    | 16.18                 | 35                         | x 36 13/16 | 34 13/16  | x 35 7/8 | 34           | x 35 7/8 |
| VNC 34210     | 41 3/4    | x 36 3/4 | 37 13/16                  | x 13 1/2 | 3.54    | 7.73                  | 39                         | x 16 13/16 | 38 13/16  | x 15 7/8 | 38           | x 15 7/8 |
| VNC 3432      | 41 3/4    | x 40 3/4 | 37 13/16                  | x 15 1/2 | 4.07    | 8.77                  | 39                         | x 18 13/16 | 38 13/16  | x 17 7/8 | 38           | x 17 7/8 |
| VNC 34310     | 41 3/4    | x 48 3/4 | 37 13/16                  | x 19 1/2 | 5.12    | 10.85                 | 39                         | x 22 13/16 | 38 13/16  | x 21 7/8 | 38           | x 21 7/8 |
| VNC 3442      | 41 3/4    | x 52 3/4 | 37 13/16                  | x 21 1/2 | 5.65    | 11.88                 | 39                         | x 24 13/16 | 38 13/16  | x 23 7/8 | 38           | x 23 7/8 |
| * VNC 3446    | 41 3/4    | x 56 3/4 | 37 13/16                  | x 24 3/4 | 6.50    | 12.92                 | 39                         | x 26 13/16 | 38 13/16  | x 25 7/8 | 38           | x 25 7/8 |
| VNC 3452      | 41 3/4    | x 64 3/4 | 37 13/16                  | x 27 1/2 | 7.22    | 15.00                 | 39                         | x 30 13/16 | 38 13/16  | x 29 7/8 | 38           | x 29 7/8 |
| VNC 3456 C.S. | 41 3/4    | x 68 3/4 | 37 13/16                  | x 24 3/4 | 6.50    | 16.01                 | 39                         | x 38 13/16 | 38 13/16  | x 25 7/8 | 38           | x 37 7/8 |
| VNC 3456 EQ   | 41 3/4    | x 68 3/4 | 37 13/16                  | x 29 1/2 | 7.75    | 16.04                 | 39                         | x 32 13/16 | 38 13/16  | x 31 7/8 | 38           | x 31 7/8 |
| VNC 3462      | 41 3/4    | x 76 3/4 | 37 13/16                  | x 33 1/2 | 8.80    | 18.12                 | 39                         | x 36 13/16 | 38 13/16  | x 35 7/8 | 38           | x 35 7/8 |
| VNC 38210     | 45 3/4    | x 36 3/4 | 41 13/16                  | x 13 1/2 | 3.92    | 8.55                  | 43                         | x 16 13/16 | 42 13/16  | x 15 7/8 | 42           | x 15 7/8 |
| VNC 3832      | 45 3/4    | x 40 3/4 | 41 13/16                  | x 15 1/2 | 4.50    | 9.70                  | 43                         | x 18 13/16 | 42 13/16  | x 17 7/8 | 42           | x 17 7/8 |
| VNC 38310     | 45 3/4    | x 48 3/4 | 41 13/16                  | x 19 1/2 | 5.66    | 12.00                 | 43                         | x 22 13/16 | 42 13/16  | x 21 7/8 | 42           | x 21 7/8 |
| VNC 3842      | 45 3/4    | x 52 3/4 | 41 13/16                  | x 21 1/2 | 6.24    | 13.16                 | 43                         | x 24 13/16 | 42 13/16  | x 23 7/8 | 42           | x 23 7/8 |
| * VNC 3846    | 45 3/4    | x 56 3/4 | 41 13/16                  | x 24 3/4 | 7.19    | 14.31                 | 43                         | x 26 13/16 | 42 13/16  | x 25 7/8 | 42           | x 25 7/8 |
| VNC 3852      | 45 3/4    | x 64 3/4 | 41 13/16                  | x 27 1/2 | 7.99    | 16.61                 | 43                         | x 30 13/16 | 42 13/16  | x 29 7/8 | 42           | x 29 7/8 |
| VNC 3856 C.S. | 45 3/4    | x 68 3/4 | 41 13/16                  | x 24 3/4 | 7.19    | 17.72                 | 43                         | x 38 13/16 | 42 13/16  | x 25 7/8 | 42           | x 37 7/8 |
| VNC 3856 EQ   | 45 3/4    | x 68 3/4 | 41 13/16                  | x 29 1/2 | 8.57    | 17.76                 | 43                         | x 32 13/16 | 42 13/16  | x 31 7/8 | 42           | x 31 7/8 |
| VNC 3862      | 45 3/4    | x 76 3/4 | 41 13/16                  | x 33 1/2 | 9.73    | 20.06                 | 43                         | x 36 13/16 | 42 13/16  | x 35 7/8 | 42           | x 35 7/8 |

\* These sizes incorporate a single balance in the top hole to meet egress requirements of 5.7 square feet.



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