



# Service

Small Diameter : 2", 3" & 4"

List Price Schedule HP-SV-SD-921  
Effective September 1, 2021  
Supersedes Price Schedule HP-SV-SD-1220

Possession of this price list shall not be construed as an offer to sell the products listed.  
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ASTM A 74

## >> Edge HP Iron™ Service Small Diameter Cast Iron Soil Pipe and Fittings

Please contact Customer Service or refer to Excel and HTML price sheets on [www.charlottepipe.com](http://www.charlottepipe.com) for crate and half-crate quantities.

| Size | *UPC# 611942- | Weight | List Price Each | Size | *UPC# 611942- | Weight | List Price Each |
|------|---------------|--------|-----------------|------|---------------|--------|-----------------|
|------|---------------|--------|-----------------|------|---------------|--------|-----------------|

### Part No. HP SV 3 Edge HP Pipe, 10' Lengths, Single Hub



|        |       |      |                 |
|--------|-------|------|-----------------|
| 2"x10' | 16082 | 40.1 | <b>\$183.30</b> |
| 3"x10' | 16083 | 59.5 | <b>241.10</b>   |
| 4"x10' | 16084 | 75.1 | <b>313.40</b>   |

### Part No. HP SV 4 Edge HP Pipe, 30" Lengths, Double Hub



|        |       |      |                   |
|--------|-------|------|-------------------|
| 2"x30" | 15495 | 13.8 | <b>\$142.60 N</b> |
| 3"x30" | 16115 | 18.8 | <b>178.70 N</b>   |
| 4"x30" | 15496 | 27.1 | <b>202.60 N</b>   |

### Part No. HP SV 5 Edge HP Quarter Bend



|   |       |      |                |
|---|-------|------|----------------|
| 2 | 15497 | 5.1  | <b>\$41.70</b> |
| 3 | 15498 | 7.7  | <b>55.60</b>   |
| 4 | 15499 | 13.1 | <b>87.30</b>   |

### Part No. HP SV 7 Edge HP Sixth Bend



|   |       |      |                  |
|---|-------|------|------------------|
| 2 | 15747 | 4.3  | <b>\$52.70 N</b> |
| 3 | 15748 | 6.9  | <b>69.50 N</b>   |
| 4 | 15749 | 10.8 | <b>83.30 N</b>   |

### Part No. HP SV 8 Edge HP Eighth Bend



|   |       |      |                |
|---|-------|------|----------------|
| 2 | 15501 | 4.2  | <b>\$29.60</b> |
| 3 | 15502 | 6.5  | <b>46.50</b>   |
| 4 | 15503 | 10.7 | <b>68.00</b>   |

**N = Non-stock item; Contact customer service for availability.**

See page 6 for pipe bundle quantities.

**You can't beat the system.®**

### Part No. HP SV 9 Edge HP Sixteenth Bend



|   |       |     |                |
|---|-------|-----|----------------|
| 2 | 15762 | 3.4 | <b>\$33.50</b> |
| 3 | 15506 | 6.0 | <b>51.20 N</b> |
| 4 | 15507 | 8.8 | <b>59.50</b>   |

### Part No. HP SV 10 Edge HP Quarter Bend with Low Heel Inlet



|     |       |      |                   |
|-----|-------|------|-------------------|
| 3x2 | 15764 | 9.8  | <b>\$142.80 N</b> |
| 4x2 | 15765 | 13.0 | <b>152.30 N</b>   |

### Part No. HP SV 12 Edge HP Quarter Bend with Side Inlet (Cup Hub Inlet)



Illustration Shows Right Hand Inlet

|          |       |      |                   |
|----------|-------|------|-------------------|
| 4 w/2 RH | 15766 | 16.5 | <b>\$142.30 N</b> |
| 4 w/2 LH | 15767 | 16.5 | <b>142.30 N</b>   |

### Part No. HP SV 15 Edge HP Double Quarter Bend



|   |       |      |                   |
|---|-------|------|-------------------|
| 4 | 15768 | 16.1 | <b>\$254.00 N</b> |
|---|-------|------|-------------------|

### Part No. HP SV 18 Edge HP Reducing Quarter Bend



|     |       |      |                  |
|-----|-------|------|------------------|
| 3x2 | 15769 | 6.3  | <b>\$74.00 N</b> |
| 4x2 | 15509 | 11.7 | <b>92.40</b>     |
| 4x3 | 15770 | 9.1  | <b>115.10 N</b>  |

### Part No. HP SV 23 Edge HP Single Hub Return Bend



|   |       |      |                   |
|---|-------|------|-------------------|
| 3 | 15771 | 10.0 | <b>\$178.90 N</b> |
| 4 | 15772 | 16.4 | <b>203.00 N</b>   |

| Size | *UPC#<br>611942- | Weight | List Price<br>Each | Size | *UPC#<br>611942- | Weight | List Price<br>Each |
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|



**Part No. HP SV 25**  
**Edge HP Long Quarter Bend**

|      |       |      |                   |
|------|-------|------|-------------------|
| 2x12 | 15773 | 6.9  | <b>\$119.10 N</b> |
| 3x12 | 15774 | 10.3 | <b>134.40 N</b>   |
| 4x12 | 15775 | 15.4 | <b>123.80 N</b>   |
| 4x16 | 15776 | 20.4 | <b>232.30 N</b>   |
| 4x18 | 15510 | 21.4 | <b>174.60</b>     |
| 4x24 | 15777 | 27.9 | <b>247.30 N</b>   |



**Part No. HP SV 26**  
**Edge HP Long Eighth Bend**

|      |       |      |                   |
|------|-------|------|-------------------|
| 2x12 | 15778 | 6.2  | <b>\$126.00 N</b> |
| 3x12 | 15779 | 10.6 | <b>141.60 N</b>   |
| 3x18 | 15780 | 12.4 | <b>150.00 N</b>   |
| 4x12 | 15781 | 15.6 | <b>137.10 N</b>   |
| 4x18 | 15511 | 20.6 | <b>177.20</b>     |



**Part No. HP SV 29**  
**Edge HP Short Sweep Bend**

|   |       |      |                |
|---|-------|------|----------------|
| 2 | 15512 | 6.2  | <b>\$40.90</b> |
| 3 | 15513 | 9.4  | <b>72.80</b>   |
| 4 | 15514 | 16.6 | <b>111.60</b>  |



**Part No. HP SV 30**  
**Edge HP Long Sweep Bend**

|   |       |      |                |
|---|-------|------|----------------|
| 2 | 15516 | 7.6  | <b>\$63.30</b> |
| 3 | 15517 | 12.2 | <b>90.20</b>   |
| 4 | 15518 | 21.2 | <b>132.60</b>  |



**Part No. HP SV 31**  
**Edge HP Reducing Long Sweep Bend**

|     |       |      |                   |
|-----|-------|------|-------------------|
| 3x2 | 15785 | 11.2 | <b>\$119.50 N</b> |
| 4x3 | 15786 | 17.6 | <b>192.30 N</b>   |



**Part No. HP SV 32**  
**Edge HP Combination Wye and Eighth Bend**  
(Charlotte Pattern)

|   |       |      |                 |
|---|-------|------|-----------------|
| 4 | 15520 | 20.3 | <b>\$152.80</b> |
|---|-------|------|-----------------|



**Part No. HP SV 33**  
**Edge HP Combination Wye and Eighth Bend**  
(Long Turn Pattern)

|     |       |      |                |
|-----|-------|------|----------------|
| 2   | 15521 | 8.6  | <b>\$72.80</b> |
| 3x2 | 15522 | 11.1 | <b>83.70</b>   |
| 3   | 15523 | 14.8 | <b>110.60</b>  |
| 4x2 | 15524 | 15.5 | <b>112.90</b>  |
| 4x3 | 15525 | 19.2 | <b>132.80</b>  |
| 4   | 15526 | 25.7 | <b>152.70</b>  |



**Part No. HP SV 35**  
**Edge HP Double Combination Wye and Eighth Bend**  
(Charlotte Pattern)

|   |       |      |                   |
|---|-------|------|-------------------|
| 4 | 15793 | 26.6 | <b>\$388.30 N</b> |
|---|-------|------|-------------------|



**Part No. HP SV 35 F**  
**Edge HP Double Combination Wye and Eighth Bend**  
(Long Turn Pattern)

|     |       |      |                   |
|-----|-------|------|-------------------|
| 2   | 15794 | 12.0 | <b>\$149.30 N</b> |
| 3x2 | 15795 | 14.6 | <b>165.70 N</b>   |
| 3   | 15796 | 22.0 | <b>191.60 N</b>   |
| 4x2 | 15797 | 19.7 | <b>193.80 N</b>   |
| 4x3 | 15798 | 26.5 | <b>220.20 N</b>   |
| 4   | 15799 | 36.2 | <b>314.10 N</b>   |



**Part No. HP SV 35 F**  
**Edge HP Double Combination Wye and Eighth Bend with 2" Cup Hub Inlet**

|   |       |      |                   |
|---|-------|------|-------------------|
| 4 | 15802 | 39.8 | <b>\$515.60 N</b> |
|---|-------|------|-------------------|



Illustration Shows Right Hand Inlet On Main

**Part No. HP SV 39 A**  
**Edge HP Combination Wye and Eighth Bend with Side Inlet**  
(Cup Hub Inlet)

|         |       |      |                   |
|---------|-------|------|-------------------|
| 4 w/2RH | 15803 | 28.3 | <b>\$287.30 N</b> |
| 4 w/2LH | 15804 | 28.3 | <b>287.30 N</b>   |



IPS TAP

**Part No. HP SV 41**  
**Edge HP Combination Wye and Eighth Bend with Cleanout On Main**

|   |       |       |      |                   |
|---|-------|-------|------|-------------------|
| 4 | 3 1/2 | 15805 | 19.6 | <b>\$283.40 N</b> |
|---|-------|-------|------|-------------------|

**N = Non-stock item; Contact customer service for availability.**

| Size | *UPC#<br>611942- | Weight | List Price<br>Each | Size | *UPC#<br>611942- | Weight | List Price<br>Each |
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|



**Part No. HP SV 42**  
**Edge HP Straight Tee**

|     |       |      |                  |
|-----|-------|------|------------------|
| 2   | 15806 | 7.0  | <b>\$84.10 N</b> |
| 3x2 | 15807 | 9.0  | <b>101.20 N</b>  |
| 3   | 15529 | 11.4 | <b>125.20</b>    |
| 4x2 | 15530 | 12.7 | <b>130.40</b>    |
| 4x3 | 15808 | 13.3 | <b>144.30 N</b>  |
| 4   | 15531 | 16.6 | <b>160.70</b>    |



**Part No. HP SV 43**  
**Edge HP Sanitary Tee**

|     |       |      |                 |
|-----|-------|------|-----------------|
| 2   | 15532 | 7.9  | <b>\$58.20</b>  |
| 3x2 | 15533 | 10.9 | <b>80.90</b>    |
| 3   | 15534 | 11.9 | <b>94.00</b>    |
| 4x2 | 15535 | 14.2 | <b>98.20</b>    |
| 4x3 | 15812 | 16.9 | <b>105.90 N</b> |
| 4   | 15536 | 18.6 | <b>115.10</b>   |



**Part No. HP SV 44**  
**Edge HP Wye**

|     |       |      |                |
|-----|-------|------|----------------|
| 2   | 15538 | 8.3  | <b>\$52.90</b> |
| 3x2 | 15539 | 10.9 | <b>76.30</b>   |
| 3   | 15540 | 12.2 | <b>98.20</b>   |
| 4x2 | 15541 | 15.5 | <b>102.30</b>  |
| 4x3 | 15542 | 16.8 | <b>112.90</b>  |
| 4   | 15543 | 21.9 | <b>131.70</b>  |



Illustration Shows  
Left Hand  
Inlet

**Part No. HP SV 56**  
**Edge HP Sanitary Tee with Left Hand  
Side Inlet**  
(Cup Hub Inlet)

|       |       |      |                   |
|-------|-------|------|-------------------|
| 4 w/2 | 15824 | 20.2 | <b>\$242.80 N</b> |
|-------|-------|------|-------------------|



Illustration Shows  
Right Hand  
Inlet

**Part No. HP SV 56 B**  
**Edge HP Sanitary Tee with Right Hand  
Side Inlet**  
(Cup Hub Inlet)

|       |       |      |                   |
|-------|-------|------|-------------------|
| 4 w/2 | 15825 | 23.1 | <b>\$242.80 N</b> |
|-------|-------|------|-------------------|



**Part No. HP SV 56 C**  
**Edge HP Sanitary Tee with Right and  
Left Hand Side Inlet**  
(Cup Hub Inlet)

|       |       |      |                   |
|-------|-------|------|-------------------|
| 4 w/2 | 15826 | 23.1 | <b>\$307.80 N</b> |
|-------|-------|------|-------------------|

**TO DETERMINE RIGHT OR LEFT HAND INLETS:**

**For All Branch Fittings.**

Place the spigot near you with the branch facing upward.

**For All Bends.**

Place the fitting upright with spigot near you.

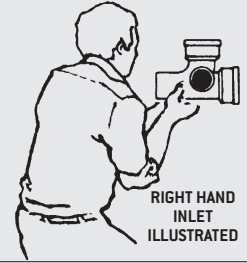


Illustration Shows  
Left Hand  
Inlet

**Part No. HP SV 57**  
**Edge HP Wye with Left Hand  
Side Inlet**  
(Cup Hub Inlet)

|       |       |      |                 |
|-------|-------|------|-----------------|
| 4 w/2 | 15827 | 23.8 | <b>\$232.00</b> |
|-------|-------|------|-----------------|



Illustration Shows  
Right Hand  
Inlet

**Part No. HP SV 57 A**  
**Edge HP Wye with Right Hand  
Side Inlet**  
(Cup Hub Inlet)

|       |       |      |                 |
|-------|-------|------|-----------------|
| 4 w/2 | 15828 | 23.8 | <b>\$232.00</b> |
|-------|-------|------|-----------------|



**Part No. HP SV 71 A**  
**Edge HP Single Two-Way Cleanout**

|   |       |      |                   |
|---|-------|------|-------------------|
| 4 | 15829 | 33.5 | <b>\$490.50 N</b> |
|---|-------|------|-------------------|



**Part No. HP SV 71 B**  
**Edge HP Short Special Two-Way  
Cleanout**

|   |       |      |                   |
|---|-------|------|-------------------|
| 4 | 15830 | 16.7 | <b>\$408.40 N</b> |
|---|-------|------|-------------------|



**Part No. HP SV 72**  
**Edge HP Double Two-Way Cleanout**

|   |       |      |                   |
|---|-------|------|-------------------|
| 4 | 15831 | 32.9 | <b>\$284.40 N</b> |
|---|-------|------|-------------------|



**Part No. HP SV 76**  
**Edge HP Sanitary Tee with Cleanout  
On Main**

|   |    |       |      |                   |
|---|----|-------|------|-------------------|
| 4 | 3½ | 15833 | 15.1 | <b>\$269.90 N</b> |
|---|----|-------|------|-------------------|














IPS TAP



**Part No. HP SV 79**  
**Edge HP Washington Test Tee with  
Southern Raised-Head Brass Plug  
Installed**

|         |   |       |      |                   |
|---------|---|-------|------|-------------------|
| IPS TAP |   |       |      |                   |
| 2       | 2 | 15834 | 6.5  | <b>\$128.80 N</b> |
| 3       | 4 | 15548 | 13.6 | <b>301.00</b>     |
| 4       | 4 | 15549 | 16.8 | <b>311.00</b>     |

**N = Non-stock item; Contact customer service for availability.**

| Size  | *UPC#<br>611942- | Weight | List Price<br>Each | Size   | *UPC#<br>611942- | Weight | List Price<br>Each |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
|---|------------------|--------|--------------------|--|------------------|--------|--------------------|-------------------|-------|------|-----------------|---|-----------------|---|-----------------|-------|-------|-----------------|---|---|-------------------|------|-----------------|-------|-------|-------------------|------------------|---|-------|-----|----------------|-----|-------|------|-------------------|-----|-------|------|-----------------|-----|-------|------|-----------------|
|  <p><b>Part No. HP SV 80</b><br/><b>Edge HP Cleanout Tee with Southern Raised-Head Brass Plug Installed</b></p>  |                  |        |                    |  <p><b>Part No. HP SV 114</b><br/><b>Edge HP Sanitary Cross with 2'' Side Inlet (Cup Hub Inlet)</b></p> |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| <p>IPS TAP</p> <table border="1"> <tr> <td>3</td> <td>2</td> <td>15837</td> <td>8.8</td> <td><b>\$140.20 N</b></td> </tr> <tr> <td>4</td> <td>3</td> <td>15838</td> <td>14.5</td> <td><b>264.90 N</b></td> </tr> </table>   |                  |        |                    | 3  | 2                | 15837  | 8.8                | <b>\$140.20 N</b> | 4     | 3    | 15838           | 14.5  | <b>264.90 N</b> | <table border="1"> <tr> <td>4x4</td> <td>15867</td> <td>27.4</td> <td><b>\$298.80 N</b></td> </tr> </table> |                 |       |       | 4x4             | 15867   | 27.4  | <b>\$298.80 N</b> |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3   | 2                | 15837  | 8.8                | <b>\$140.20 N</b>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 3                | 15838  | 14.5               | <b>264.90 N</b>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x4   | 15867            | 27.4   | <b>\$298.80 N</b>  |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| <div style="border: 1px solid black; padding: 5px;"> <p>Cleanout Tees can be ordered <u>only</u> with Southern Code brass plug installed. We do not offer this fitting less plug, or with any other type brass plug installed.</p> </div>   |                  |        |                    |  <p><b>Part No. HP SV 115</b><br/><b>Edge HP Double Wye with 2'' Side Inlet (Cup Hub Inlet)</b></p>     |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
|  <p><b>Part No. HP SV 81 S</b><br/><b>Edge HP Miami Test Tee with Southern Raised-Head Brass Plug Installed</b></p>  |                  |        |                    |  <p><b>Part No. HP SV 134</b><br/><b>Edge HP Vent Branch</b></p>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| <p>IPS Tap</p> <table border="1"> <tr> <td>2</td> <td>2</td> <td>15840</td> <td>7.3</td> <td><b>\$157.70 N</b></td> </tr> <tr> <td>3</td> <td>3</td> <td>15841</td> <td>9.6</td> <td><b>288.30 N</b></td> </tr> <tr> <td>4</td> <td>4</td> <td>15842</td> <td>16.4</td> <td><b>352.10 N</b></td> </tr> </table>   |                  |        |                    | 2  | 2                | 15840  | 7.3                | <b>\$157.70 N</b> | 3     | 3    | 15841           | 9.6   | <b>288.30 N</b> | 4   | 4               | 15842 | 16.4  | <b>352.10 N</b> | <table border="1"> <tr> <td>4</td> <td>15869</td> <td>19.6</td> <td><b>\$226.60 N</b></td> </tr> </table> |   |                   |      | 4               | 15869 | 19.6  | <b>\$226.60 N</b> |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 2   | 2                | 15840  | 7.3                | <b>\$157.70 N</b>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3   | 3                | 15841  | 9.6                | <b>288.30 N</b>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 4                | 15842  | 16.4               | <b>352.10 N</b>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 15869            | 19.6   | <b>\$226.60 N</b>  |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
|  <p><b>Part No. HP SV 108</b><br/><b>Edge HP Straight Cross</b></p>   |                  |        |                    |  <p><b>Part No. HP SV 135</b><br/><b>Edge HP H Branch</b></p>   |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| <table border="1"> <tr> <td>4x2</td> <td>15844</td> <td>15.6</td> <td><b>\$173.20 N</b></td> </tr> <tr> <td>4</td> <td>15845</td> <td>18.1</td> <td><b>216.60 N</b></td> </tr> </table>   |                  |        |                    | 4x2  | 15844            | 15.6   | <b>\$173.20 N</b>  | 4                 | 15845 | 18.1 | <b>216.60 N</b> | <table border="1"> <tr> <td>4x3</td> <td>15870</td> <td>17.0</td> <td><b>\$211.50 N</b></td> </tr> <tr> <td>4</td> <td>15871</td> <td>19.6</td> <td><b>229.90 N</b></td> </tr> </table> |                 |   |                 | 4x3   | 15870 | 17.0            | <b>\$211.50 N</b>   | 4   | 15871             | 19.6 | <b>229.90 N</b> |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x2   | 15844            | 15.6   | <b>\$173.20 N</b>  |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 15845            | 18.1   | <b>216.60 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x3   | 15870            | 17.0   | <b>\$211.50 N</b>  |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 15871            | 19.6   | <b>229.90 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
|  <p><b>Part No. HP SV 109</b><br/><b>Edge HP Sanitary Cross</b></p>  |                  |        |                    |  <p><b>Part No. HP SV 141</b><br/><b>Edge HP 45° Offset</b></p>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| <table border="1"> <tr> <td>2</td> <td>15846</td> <td>10.8</td> <td><b>\$126.70 N</b></td> </tr> <tr> <td>3x2</td> <td>15847</td> <td>13.7</td> <td><b>153.80 N</b></td> </tr> <tr> <td>3</td> <td>15848</td> <td>15.6</td> <td><b>153.30 N</b></td> </tr> <tr> <td>4x2</td> <td>15849</td> <td>14.6</td> <td><b>150.00 N</b></td> </tr> <tr> <td>4x3</td> <td>15850</td> <td>20.0</td> <td><b>195.00 N</b></td> </tr> <tr> <td>4</td> <td>15851</td> <td>22.9</td> <td><b>192.30 N</b></td> </tr> </table> |                  |        |                    | 2  | 15846            | 10.8   | <b>\$126.70 N</b>  | 3x2               | 15847 | 13.7 | <b>153.80 N</b> | 3   | 15848           | 15.6  | <b>153.30 N</b> | 4x2   | 15849 | 14.6            | <b>150.00 N</b>   | 4x3   | 15850             | 20.0 | <b>195.00 N</b> | 4     | 15851 | 22.9              | <b>192.30 N</b>  | <table border="1"> <tr> <td>4x4</td> <td>15872</td> <td>11.6</td> <td><b>\$145.90 N</b></td> </tr> <tr> <td>4x6</td> <td>15873</td> <td>13.8</td> <td><b>159.60 N</b></td> </tr> <tr> <td>4x8</td> <td>15874</td> <td>15.6</td> <td><b>178.70 N</b></td> </tr> </table> |       |     |                | 4x4 | 15872 | 11.6 | <b>\$145.90 N</b> | 4x6 | 15873 | 13.8 | <b>159.60 N</b> | 4x8 | 15874 | 15.6 | <b>178.70 N</b> |
| 2   | 15846            | 10.8   | <b>\$126.70 N</b>  |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3x2   | 15847            | 13.7   | <b>153.80 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3   | 15848            | 15.6   | <b>153.30 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x2   | 15849            | 14.6   | <b>150.00 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x3   | 15850            | 20.0   | <b>195.00 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 15851            | 22.9   | <b>192.30 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x4   | 15872            | 11.6   | <b>\$145.90 N</b>  |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x6   | 15873            | 13.8   | <b>159.60 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x8   | 15874            | 15.6   | <b>178.70 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
|  <p><b>Part No. HP SV 110</b><br/><b>Edge HP Double Wye</b></p>   |                  |        |                    |  <p><b>Part No. HP SV 143</b><br/><b>Edge HP Reducer</b></p>  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| <table border="1"> <tr> <td>2</td> <td>15855</td> <td>9.7</td> <td><b>\$129.40 N</b></td> </tr> <tr> <td>3x2</td> <td>15856</td> <td>14.0</td> <td><b>137.60 N</b></td> </tr> <tr> <td>3</td> <td>15857</td> <td>19.1</td> <td><b>161.20 N</b></td> </tr> <tr> <td>4x2</td> <td>15858</td> <td>16.2</td> <td><b>165.50 N</b></td> </tr> <tr> <td>4x3</td> <td>15859</td> <td>21.0</td> <td><b>174.60 N</b></td> </tr> <tr> <td>4</td> <td>15860</td> <td>27.2</td> <td><b>211.00 N</b></td> </tr> </table>  |                  |        |                    | 2  | 15855            | 9.7    | <b>\$129.40 N</b>  | 3x2               | 15856 | 14.0 | <b>137.60 N</b> | 3   | 15857           | 19.1  | <b>161.20 N</b> | 4x2   | 15858 | 16.2            | <b>165.50 N</b>   | 4x3   | 15859             | 21.0 | <b>174.60 N</b> | 4     | 15860 | 27.2              | <b>211.00 N</b>  | <table border="1"> <tr> <td>3x2</td> <td>15550</td> <td>4.6</td> <td><b>\$40.90</b></td> </tr> <tr> <td>4x2</td> <td>15551</td> <td>6.0</td> <td><b>46.60</b></td> </tr> <tr> <td>4x3</td> <td>15552</td> <td>7.0</td> <td><b>52.90</b></td> </tr> </table>             |       |     |                | 3x2 | 15550 | 4.6  | <b>\$40.90</b>    | 4x2 | 15551 | 6.0  | <b>46.60</b>    | 4x3 | 15552 | 7.0  | <b>52.90</b>    |
| 2   | 15855            | 9.7    | <b>\$129.40 N</b>  |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3x2   | 15856            | 14.0   | <b>137.60 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3   | 15857            | 19.1   | <b>161.20 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x2   | 15858            | 16.2   | <b>165.50 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x3   | 15859            | 21.0   | <b>174.60 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 15860            | 27.2   | <b>211.00 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3x2   | 15550            | 4.6    | <b>\$40.90</b>     |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x2   | 15551            | 6.0    | <b>46.60</b>       |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x3   | 15552            | 7.0    | <b>52.90</b>       |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
|  <p><b>Part No. HP SV 144</b><br/><b>Edge HP Increaser</b></p>   |                  |        |                    |  <p><b>Part No. HP SV 153</b><br/><b>Edge HP Double Hub Fitting</b></p>                               |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| <table border="1"> <tr> <td>2x4</td> <td>15880</td> <td>9.4</td> <td><b>\$97.70 N</b></td> </tr> <tr> <td>3x4</td> <td>15881</td> <td>8.8</td> <td><b>107.20 N</b></td> </tr> <tr> <td>4x6</td> <td>15882</td> <td>15.2</td> <td><b>145.50 N</b></td> </tr> <tr> <td>4x8</td> <td>15883</td> <td>26.0</td> <td><b>301.10 N</b></td> </tr> </table>  |                  |        |                    | 2x4  | 15880            | 9.4    | <b>\$97.70 N</b>   | 3x4               | 15881 | 8.8  | <b>107.20 N</b> | 4x6   | 15882           | 15.2  | <b>145.50 N</b> | 4x8   | 15883 | 26.0            | <b>301.10 N</b>   | <table border="1"> <tr> <td>2</td> <td>15885</td> <td>4.7</td> <td><b>\$46.60 N</b></td> </tr> <tr> <td>3</td> <td>15886</td> <td>7.0</td> <td><b>63.90 N</b></td> </tr> <tr> <td>4</td> <td>15554</td> <td>9.1</td> <td><b>72.80 N</b></td> </tr> </table> |                   |      |                 | 2     | 15885 | 4.7               | <b>\$46.60 N</b> | 3   | 15886 | 7.0 | <b>63.90 N</b> | 4   | 15554 | 9.1  | <b>72.80 N</b>    |     |       |      |                 |     |       |      |                 |
| 2x4   | 15880            | 9.4    | <b>\$97.70 N</b>   |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3x4   | 15881            | 8.8    | <b>107.20 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x6   | 15882            | 15.2   | <b>145.50 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4x8   | 15883            | 26.0   | <b>301.10 N</b>    |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 2   | 15885            | 4.7    | <b>\$46.60 N</b>   |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 3   | 15886            | 7.0    | <b>63.90 N</b>     |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |
| 4   | 15554            | 9.1    | <b>72.80 N</b>     |  |                  |        |                    |                   |       |      |                 |   |                 |   |                 |       |       |                 |   |   |                   |      |                 |       |       |                   |                  |   |       |     |                |     |       |      |                   |     |       |      |                 |     |       |      |                 |

**N = Non-stock item; Contact customer service for availability.**

| Size | *UPC#<br>611942- | Weight | List Price<br>Each | Size | *UPC#<br>611942- | Weight | List Price<br>Each |
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|



**Part No. HP SV 155**  
**Edge HP Pipe Plug**

|   |       |     |                  |
|---|-------|-----|------------------|
| 2 | 15555 | 1.4 | <b>\$21.00 N</b> |
| 3 | 15556 | 2.5 | <b>29.90 N</b>   |
| 4 | 15557 | 4.1 | <b>36.50 N</b>   |



**Part No. HP SV 169**  
**Edge HP P Trap**

|   |       |      |                |
|---|-------|------|----------------|
| 2 | 15558 | 7.1  | <b>\$66.50</b> |
| 3 | 15559 | 13.1 | <b>99.10</b>   |
| 4 | 15560 | 23.2 | <b>142.80</b>  |



**Part No. HP SV 170**  
**Edge HP Running Trap**

|   |       |      |                   |
|---|-------|------|-------------------|
| 4 | 15893 | 19.3 | <b>\$280.00 N</b> |
|---|-------|------|-------------------|



**Part No. HP SV 174**  
**Edge HP Running Trap with  
Single Hub Vent**

| Vent Size |   |       |                   |
|-----------|---|-------|-------------------|
| 3         | 3 | 15895 | <b>\$221.80 N</b> |
| 4         | 4 | 15896 | <b>301.80 N</b>   |



**Part No. HP SV 175**  
**Edge HP Running Trap with  
Double Hub Vent**

| Vent Size |   |       |                   |
|-----------|---|-------|-------------------|
| 3         | 3 | 15900 | <b>\$259.30 N</b> |
| 4         | 4 | 15901 | <b>363.20 N</b>   |



**Part No. HP SV 180**  
**Edge HP Deep Seal P Trap**

|   |       |      |                   |
|---|-------|------|-------------------|
| 2 | 15906 | 8.1  | <b>\$117.90 N</b> |
| 3 | 15907 | 14.3 | <b>145.50 N</b>   |
| 4 | 15908 | 29.0 | <b>230.60 N</b>   |



**Part No. HP SV 184**  
**Edge HP Improved Running Trap with  
Double Cleanout and Tee Branch**

| IPS TAP |    |       |                 |
|---------|----|-------|-----------------|
| 4       | 3½ | 15910 | <b>\$640.90</b> |
| 4x3     | 3½ | 15561 | <b>508.40 N</b> |



Illustration Shows Right Hand Cleanout  
**Part No. HP SV 188**  
**Edge HP P Trap with Right Hand Cleanout**

| IPS TAP |   |       |                   |
|---------|---|-------|-------------------|
| 4       | 3 | 15911 | <b>\$321.70 N</b> |



Illustration Shows Left Hand Cleanout  
**Part No. HP SV 188 A**  
**P Trap with Left Hand Cleanout**

| IPS TAP |   |       |                   |
|---------|---|-------|-------------------|
| 4       | 3 | 15912 | <b>\$321.70 N</b> |



**Part No. HP SV 200**  
**Edge HP Closet Bend, Plain - Less Collar**

|           |       |      |                 |
|-----------|-------|------|-----------------|
| 3x4x6x12  | 15562 | 10.7 | <b>\$136.10</b> |
| 3x4x6x16  | 15913 | 12.0 | <b>162.80 N</b> |
| 3x4x8x18  | 15914 | 14.0 | <b>252.80 N</b> |
| 3x4x10x16 | 15915 | 16.1 | <b>229.50 N</b> |
| 3x4x12x12 | 15916 | 15.9 | <b>175.00 N</b> |
| 3x4x16x16 | 15563 | 20.6 | <b>256.50</b>   |
| 3x4x18x18 | 15564 | 22.7 | <b>321.60</b>   |
| 3x16x16   | 15565 | 16.7 | <b>238.30</b>   |
| 4x4x12    | 15917 | 11.5 | <b>119.90 N</b> |
| 4x4x16    | 15566 | 14.3 | <b>173.40</b>   |
| 4x4x18    | 15567 | 17.3 | <b>199.90</b>   |
| 4x6x12    | 15568 | 12.5 | <b>138.70</b>   |
| 4x6x16    | 15569 | 16.9 | <b>199.90</b>   |
| 4x6x18    | 15919 | 14.0 | <b>226.10 N</b> |
| 4x8x16    | 15920 | 18.4 | <b>175.00 N</b> |
| 4x8x18    | 15921 | 19.8 | <b>247.30 N</b> |
| 4x10x12   | 15922 | 14.5 | <b>162.80 N</b> |
| 4x10x16   | 15923 | 19.6 | <b>222.90 N</b> |
| 4x12x12   | 15924 | 14.0 | <b>177.10 N</b> |
| 4x12x16   | 15925 | 20.8 | <b>201.80 N</b> |
| 4x12x18   | 15926 | 19.0 | <b>242.90 N</b> |
| 4x14x16   | 15927 | 22.6 | <b>227.70 N</b> |
| 4x14x18   | 15928 | 24.0 | <b>250.90 N</b> |
| 4x16x16   | 15570 | 23.8 | <b>263.40</b>   |
| 4x16x18   | 15571 | 24.7 | <b>268.80</b>   |
| 4x18x18   | 15572 | 27.4 | <b>417.00</b>   |

**How To Read Reducing Closet Bends:**

The two outside numbers then the two inside numbers.

Example: 3x4x6x12

The 3" is 12" Long. The 4" is 6" Long.



**Part No. HP SPL 220**  
**Edge HP Notched and Slotted  
Closet Flange**  
(Fits over 4" pipe for caulked joints.)

|      |       |     |                  |
|------|-------|-----|------------------|
| 4x1  | 15929 | 2.2 | <b>\$32.60 N</b> |
| 4x2  | 15577 | 3.0 | <b>39.00 N</b>   |
| 4x2½ | 15578 | 3.6 | <b>42.90</b>     |
| 4x3  | 15579 | 4.5 | <b>52.80</b>     |
| 4x4  | 15580 | 4.7 | <b>69.50</b>     |
| 4x6  | 15930 | 5.3 | <b>122.10 N</b>  |

**N = Non-stock item; Contact customer service for availability.**

| Size | *UPC#<br>611942- | Weight | List Price<br>Each | Size | *UPC#<br>611942- | Weight | List Price<br>Each |
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|
|------|------------------|--------|--------------------|------|------------------|--------|--------------------|



**Part No. HP SV 206**  
Edge HP Tapped Closet Bend with  
Southern Code Brass Plug

|           |       |      |                  |
|-----------|-------|------|------------------|
| 3½x4x4x18 | 15931 | 17.7 | <b>\$236.30N</b> |
|-----------|-------|------|------------------|



**Part No. HP SV 208**  
Edge HP Hub End Closet Bend,  
Low Hub

|      |       |      |                  |
|------|-------|------|------------------|
| 4x12 | 15932 | 14.2 | <b>\$177.20N</b> |
| 4x14 | 15933 | 15.4 | <b>183.30N</b>   |
| 4x16 | 15934 | 17.5 | <b>277.00N</b>   |
| 4x18 | 15935 | 18.9 | <b>277.80N</b>   |



**Part No. HP SV 228 S**  
Edge HP Iron Body Cleanout Ferrule -  
with Southern Raised-Head Brass Plug  
Installed

|      | Tap |       |     |                 |
|------|-----|-------|-----|-----------------|
| 2    | 1½  | 15936 | 1.4 | <b>\$52.00N</b> |
| 3    | 2½  | 15573 | 2.4 | <b>78.00</b>    |
| 4    | 3   | 15574 | 4.1 | <b>90.90</b>    |
| 4x12 | 3½  | 15938 | 9.9 | <b>308.30N</b>  |



**Part No. HP SV 253**  
Edge HP Sission Insertable Joint

|   |       |      |                  |
|---|-------|------|------------------|
| 2 | 15939 | 7.0  | <b>\$119.10N</b> |
| 3 | 15940 | 11.6 | <b>187.00N</b>   |
| 4 | 15576 | 12.9 | <b>206.00N</b>   |

**N = Non-stock item; Contact customer service for availability.**

**⚠ WARNING**

Testing with or use of compressed air or gas in Cast Iron pipe or fittings can result in explosive failures and cause severe injury or death.

AIR/GAS

- NEVER test with or transport/store compressed air or gas in Cast Iron pipe or fittings.
- NEVER test Cast Iron pipe or fittings with compressed air or gas.
- ONLY use Cast Iron pipe and fittings for drain, waste and vent or sanitary sewer applications.

**CHARLOTTE® SPEED-PAK**

**TEN FOOT PIPE BUNDLES**

| SERVICE    |       |        |        |        |
|------------|-------|--------|--------|--------|
| Single Hub | SIZE  | PIECES | WEIGHT | HEIGHT |
|            | 2x10' | 54     | 2165   | 12"    |
|            | 3x10' | 36     | 2141   | 15"    |
|            | 4x10' | 27     | 2028   | 18"    |

Weights are approximate and are for shipping purposes only.

**All products manufactured by Charlotte Pipe and Foundry Company are proudly made in the U.S.A.**

**Note: Dimensions and tolerances for Extra Heavy pipe and fittings are published in Charlotte Pipe's Cast Iron Dimensional Catalog and also Charlotte Pipe's Cast Iron Technical Manual.**

## **CHARLOTTE® CAST IRON SOIL PIPE AND FITTINGS SPECIFICATIONS**

**This is to certify that products manufactured by Charlotte Pipe and Foundry, Cast Iron Division, are manufactured in the United States and conform to the following standards:**

### **EDGE HP SERVICE HUB AND SPIGOT PIPE AND FITTINGS**

All cast iron soil pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI).  
ASTM A 74  
Meets the performance requirements of EN 877  
Listed by NSF® International to the UP Code  
ISO 9001:2015 Certified

### **COMPRESSION GASKETS**

ASTM C 564  
CISPI HSN 85

**Charlotte Pipe products are manufactured to the applicable ASTM standard. Charlotte Pipe and Foundry cannot accept responsibility for the performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings not manufactured or sold by Charlotte Pipe and Foundry.**



## TERMS AND CONDITIONS OF SALE

Terms and Conditions of Sale can be found at [https://charlottepipe.com/terms\\_and\\_conditions.aspx](https://charlottepipe.com/terms_and_conditions.aspx)

### LIMITED WARRANTY

Charlotte Pipe and Foundry Company® (Charlotte Pipe®) Products are warranted to be free from manufacturing defects and to conform to currently applicable ASTM standards for a period of five (5) years from date of delivery. Buyer's remedy for breach of this warranty is limited to replacement of, or credit for, the defective product. This warranty excludes any expense for removal or reinstallation of any defective product and any other incidental, consequential, or punitive damages. **This limited warranty is the only warranty made by seller and is expressly in lieu of all other warranties, express and implied, including any warranties of merchantability and fitness for a particular purpose.** No statement, conduct or description by Charlotte Pipe or its representative, in addition to or beyond this Limited Warranty, shall constitute a warranty. This Limited Warranty may only be modified in writing signed by an officer of Charlotte Pipe.

This Limited Warranty will not apply if:

- 1) The Products are used for purposes other than their intended purpose as defined by local plumbing and building codes, and the applicable ASTM standard.
- 2) The Products are not installed in good and workmanlike manner consistent with normal industry standards; installed in compliance with the latest instructions published by Charlotte Pipe and good plumbing practices; and installed in conformance with all applicable plumbing, fire and building code requirements.
- 3) This limited warranty does not apply when the products of Charlotte Pipe are used with the products of other manufacturers that do not meet the applicable ASTM or CISPI standards or that are not marked in a manner to indicate the entity that manufactured them.
- 4) In hubless cast iron installations, this warranty will not apply if products are joined with unshielded hubless couplings. Charlotte Pipe requires that its hubless cast iron pipe and fittings be joined only with shielded hubless couplings manufactured in accordance with CISPI 310, ASTM C 1277 and certified by NSF® International or with Heavy Duty Couplings meeting ASTM C 1540.
- 5) The Products fail due to defects or deficiencies in design, engineering, or installation of the piping system of which they are a part.
- 6) The Products have been the subject of modification; misuse; misapplication; improper maintenance or repair; damage caused by the fault or negligence of anyone other than Charlotte Pipe; or any other act or event beyond the control of Charlotte Pipe.
- 7) The Products fail due to the freezing of water in the Products.
- 8) The Products fail due to contact with chemical agents, fire stopping materials, thread sealant, plasticized vinyl products, or other aggressive chemical agents that are not compatible.
- 9) Pipe outlets, sound attenuation systems or other devices are permanently attached to the surface of Charlotte® PVC, ABS or CPVC products with solvent cement or adhesive glue.

Charlotte Pipe products are manufactured to the applicable ASTM or CISPI standard. Charlotte Pipe and Foundry **cannot** accept responsibility for the performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings not manufactured or sold by Charlotte Pipe and Foundry.

This Limited Warranty will not apply unless written notice of a claim is mailed to Charlotte Pipe at the address below within 30 days of discovery of the allegedly defective product.

Any Charlotte Pipe products alleged to be defective **must** be made available to Charlotte Pipe at the following address for verification, inspection and determination of cause:

Charlotte Pipe and Foundry Company  
Attention: Technical Services  
2109 Randolph Road  
Charlotte, North Carolina 28207

**Purchaser must obtain a return materials authorization** and instructions for return shipment to Charlotte Pipe of any product claimed defective or shipped in error.

Any Charlotte Pipe product **proved** to be defective in manufacture will be replaced F.O.B. point of original delivery, or credit will be issued, at the discretion of Charlotte Pipe.

4/20/21

Charlotte, Charlotte Pipe and "You can't beat the system" are registered trademarks of Charlotte Pipe and Foundry Company.