



Service

Small Diameter : 2", 3" & 4"

List Price Schedule HP-SV-SD-122
Effective January 1, 2022
Supersedes Price Schedule HP-SV-SD-921

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 for crate and half-crate quantities.

Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
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Part No. HP SV 3 Edge HP Pipe, 10' Lengths, Single Hub



2"x10'	16082	40.1	\$202.50
3"x10'	16083	59.5	266.40
4"x10'	16084	75.1	346.30

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



2"x30"	15495	13.8	\$157.60N
3"x30"	16115	18.8	197.50N
4"x30"	15496	27.1	223.90N

Part No. HP SV 5 Edge HP Quarter Bend



2	15497	5.1	\$46.10
3	15498	7.7	61.40
4	15499	13.1	96.50

Part No. HP SV 7 Edge HP Sixth Bend



2	15747	4.3	\$58.20 N
3	15748	6.9	76.80 N
4	15749	10.8	92.00 N

Part No. HP SV 8 Edge HP Eighth Bend



2	15501	4.2	\$32.70
3	15502	6.5	51.40
4	15503	10.7	75.10

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	\$37.00
3	15506	6.0	56.60 N
4	15507	8.8	65.70

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



3x2	15764	9.8	\$157.80 N
4x2	15765	13.0	168.30 N

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	\$157.20 N
4 w/2 LH	15767	16.5	157.20 N

Part No. HP SV 15 Edge HP Double Quarter Bend



4	15768	16.1	\$280.70 N
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Part No. HP SV 18 Edge HP Reducing Quarter Bend



3x2	15769	6.3	\$81.80 N
4x2	15509	11.7	102.10
4x3	15770	9.1	127.20 N

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



3	15771	10.0	\$197.70 N
4	15772	16.4	224.30 N

Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
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Part No. HP SV 25
Edge HP Long Quarter Bend

2x12	15773	6.9	\$131.60 N
3x12	15774	10.3	148.50 N
4x12	15775	15.4	136.80 N
4x16	15776	20.4	256.70 N
4x18	15510	21.4	192.90
4x24	15777	27.9	273.30 N



Part No. HP SV 26
Edge HP Long Eighth Bend

2x12	15778	6.2	\$139.20 N
3x12	15779	10.6	156.50 N
3x18	15780	12.4	165.70 N
4x12	15781	15.6	151.50 N
4x18	15511	20.6	195.80



Part No. HP SV 29
Edge HP Short Sweep Bend

2	15512	6.2	\$45.20
3	15513	9.4	80.40
4	15514	16.6	123.30



Part No. HP SV 30
Edge HP Long Sweep Bend

2	15516	7.6	\$69.90
3	15517	12.2	99.70
4	15518	21.2	146.50



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

3x2	15785	11.2	\$132.00 N
4x3	15786	17.6	212.50 N



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

4	15520	20.3	\$168.80
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Part No. HP SV 33
Edge HP Combination Wye and Eighth Bend
(Long Turn Pattern)

2	15521	8.6	\$80.40
3x2	15522	11.1	92.50
3	15523	14.8	122.20
4x2	15524	15.5	124.80
4x3	15525	19.2	146.70
4	15526	25.7	168.70



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

4	15793	26.6	\$429.10 N
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Part No. HP SV 35 F
Edge HP Double Combination Wye and Eighth Bend
(Long Turn Pattern)

2	15794	12.0	\$165.00 N
3x2	15795	14.6	183.10 N
3	15796	22.0	211.70 N
4x2	15797	19.7	214.10 N
4x3	15798	26.5	243.30 N
4	15799	36.2	347.10 N



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

4	15802	39.8	\$569.70 N
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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	\$317.50 N
4 w/2LH	15804	28.3	317.50 N



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

4	IPS TAP 3½	15805	19.6	\$313.10 N
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N = Non-stock item; Contact customer service for availability.

Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
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Part No. HP SV 42
Edge HP Straight Tee

2	15806	7.0	\$92.90 N
3x2	15807	9.0	111.80 N
3	15529	11.4	138.30
4x2	15530	12.7	144.10
4x3	15808	13.3	159.40 N
4	15531	16.6	177.60



Part No. HP SV 43
Edge HP Sanitary Tee

2	15532	7.9	\$64.30
3x2	15533	10.9	89.40
3	15534	11.9	103.90
4x2	15535	14.2	108.50
4x3	15812	16.9	117.00 N
4	15536	18.6	127.20



Part No. HP SV 44
Edge HP Wye

2	15538	8.3	\$58.50
3x2	15539	10.9	84.30
3	15540	12.2	108.50
4x2	15541	15.5	113.00
4x3	15542	16.8	124.80
4	15543	21.9	145.50



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	\$268.30 N
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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	\$268.30 N
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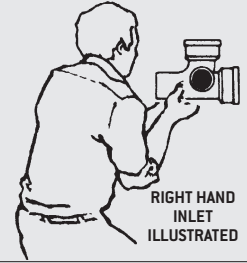
Part No. HP SV 56 C
**Edge HP Sanitary Tee with Right and
Left Hand Side Inlet**
(Cup Hub Inlet)

4 w/2	15826	23.1	\$340.10 N
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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.

RIGHT HAND
INLET
ILLUSTRATED



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	\$256.40
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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	\$256.40
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Part No. HP SV 71 A
Edge HP Single Two-Way Cleanout

4	15829	33.5	\$542.00 N
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Part No. HP SV 71 B
**Edge HP Short Special Two-Way
Cleanout**

4	15830	16.7	\$451.30 N
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Part No. HP SV 72
Edge HP Double Two-Way Cleanout

4	15831	32.9	\$314.30 N
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Part No. HP SV 76
**Edge HP Sanitary Tee with Cleanout
On Main**

4	3½	15833	15.1	\$298.20 N
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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	\$142.30 N
3	4	15548	13.6	332.60
4	4	15549	16.8	343.60

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

Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each																																				
 <p>Part No. HP SV 80 Edge HP Cleanout Tee with Southern Raised-Head Brass Plug Installed</p>				 <p>Part No. HP SV 114 Edge HP Sanitary Cross with 2'' Side Inlet (Cup Hub Inlet)</p>																																							
<p>IPS TAP</p> <table border="1"> <tr> <td>3</td> <td>2</td> <td>15837</td> <td>8.8</td> <td>\$154.90 N</td> </tr> <tr> <td>4</td> <td>3</td> <td>15838</td> <td>14.5</td> <td>292.70 N</td> </tr> </table>				3	2	15837	8.8	\$154.90 N	4	3	15838	14.5	292.70 N	<table border="1"> <tr> <td>4x4</td> <td>15867</td> <td>27.4</td> <td>\$330.20 N</td> </tr> </table>				4x4	15867	27.4	\$330.20 N																						
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4x4	15867	27.4	\$330.20 N																																								
<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>Part No. HP SV 81 S Edge HP Miami Test Tee with Southern Raised-Head Brass Plug Installed</p>				 <p>Part No. HP SV 115 Edge HP Double Wye with 2'' Side Inlet (Cup Hub Inlet)</p>																																							
<p>IPS Tap</p> <table border="1"> <tr> <td>2</td> <td>2</td> <td>15840</td> <td>7.3</td> <td>\$174.30 N</td> </tr> <tr> <td>3</td> <td>3</td> <td>15841</td> <td>9.6</td> <td>318.60 N</td> </tr> <tr> <td>4</td> <td>4</td> <td>15842</td> <td>16.4</td> <td>389.10 N</td> </tr> </table>				2	2	15840	7.3	\$174.30 N	3	3	15841	9.6	318.60 N	4	4	15842	16.4	389.10 N	<table border="1"> <tr> <td>4x4</td> <td>15868</td> <td>31.8</td> <td>\$464.90 N</td> </tr> </table>				4x4	15868	31.8	\$464.90 N																	
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 <p>Part No. HP SV 108 Edge HP Straight Cross</p>				 <p>Part No. HP SV 134 Edge HP Vent Branch</p>																																							
<table border="1"> <tr> <td>4x2</td> <td>15844</td> <td>15.6</td> <td>\$191.40 N</td> </tr> <tr> <td>4</td> <td>15845</td> <td>18.1</td> <td>239.30 N</td> </tr> </table>				4x2	15844	15.6	\$191.40 N	4	15845	18.1	239.30 N	<table border="1"> <tr> <td>4</td> <td>15869</td> <td>19.6</td> <td>\$250.40 N</td> </tr> </table>				4	15869	19.6	\$250.40 N																								
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 <p>Part No. HP SV 109 Edge HP Sanitary Cross</p>				 <p>Part No. HP SV 135 Edge HP H Branch</p>																																							
<table border="1"> <tr> <td>2</td> <td>15846</td> <td>10.8</td> <td>\$140.00 N</td> </tr> <tr> <td>3x2</td> <td>15847</td> <td>13.7</td> <td>169.90 N</td> </tr> <tr> <td>3</td> <td>15848</td> <td>15.6</td> <td>169.40 N</td> </tr> <tr> <td>4x2</td> <td>15849</td> <td>14.6</td> <td>165.70 N</td> </tr> <tr> <td>4x3</td> <td>15850</td> <td>20.0</td> <td>215.50 N</td> </tr> <tr> <td>4</td> <td>15851</td> <td>22.9</td> <td>212.50 N</td> </tr> </table>				2	15846	10.8	\$140.00 N	3x2	15847	13.7	169.90 N	3	15848	15.6	169.40 N	4x2	15849	14.6	165.70 N	4x3	15850	20.0	215.50 N	4	15851	22.9	212.50 N	<table border="1"> <tr> <td>4x3</td> <td>15870</td> <td>17.0</td> <td>\$233.70 N</td> </tr> <tr> <td>4</td> <td>15871</td> <td>19.6</td> <td>254.00 N</td> </tr> </table>				4x3	15870	17.0	\$233.70 N	4	15871	19.6	254.00 N				
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 <p>Part No. HP SV 110 Edge HP Double Wye</p>				 <p>Part No. HP SV 141 Edge HP 45° Offset</p>																																							
<table border="1"> <tr> <td>2</td> <td>15855</td> <td>9.7</td> <td>\$143.00 N</td> </tr> <tr> <td>3x2</td> <td>15856</td> <td>14.0</td> <td>152.00 N</td> </tr> <tr> <td>3</td> <td>15857</td> <td>19.1</td> <td>178.10 N</td> </tr> <tr> <td>4x2</td> <td>15858</td> <td>16.2</td> <td>182.90 N</td> </tr> <tr> <td>4x3</td> <td>15859</td> <td>21.0</td> <td>192.90 N</td> </tr> <tr> <td>4</td> <td>15860</td> <td>27.2</td> <td>233.10 N</td> </tr> </table>				2	15855	9.7	\$143.00 N	3x2	15856	14.0	152.00 N	3	15857	19.1	178.10 N	4x2	15858	16.2	182.90 N	4x3	15859	21.0	192.90 N	4	15860	27.2	233.10 N	<table border="1"> <tr> <td>4x4</td> <td>15872</td> <td>11.6</td> <td>\$161.20 N</td> </tr> <tr> <td>4x6</td> <td>15873</td> <td>13.8</td> <td>176.40 N</td> </tr> <tr> <td>4x8</td> <td>15874</td> <td>15.6</td> <td>197.50 N</td> </tr> </table>				4x4	15872	11.6	\$161.20 N	4x6	15873	13.8	176.40 N	4x8	15874	15.6	197.50 N
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 <p>Part No. HP SV 143 Edge HP Reducer</p>				 <p>Part No. HP SV 144 Edge HP Increaser</p>																																							
<table border="1"> <tr> <td>3x2</td> <td>15550</td> <td>4.6</td> <td>\$45.20</td> </tr> <tr> <td>4x2</td> <td>15551</td> <td>6.0</td> <td>51.50</td> </tr> <tr> <td>4x3</td> <td>15552</td> <td>7.0</td> <td>58.50</td> </tr> </table>				3x2	15550	4.6	\$45.20	4x2	15551	6.0	51.50	4x3	15552	7.0	58.50	<table border="1"> <tr> <td>2x4</td> <td>15880</td> <td>9.4</td> <td>\$108.00 N</td> </tr> <tr> <td>3x4</td> <td>15881</td> <td>8.8</td> <td>118.50 N</td> </tr> <tr> <td>4x6</td> <td>15882</td> <td>15.2</td> <td>160.80 N</td> </tr> <tr> <td>4x8</td> <td>15883</td> <td>26.0</td> <td>332.70 N</td> </tr> </table>				2x4	15880	9.4	\$108.00 N	3x4	15881	8.8	118.50 N	4x6	15882	15.2	160.80 N	4x8	15883	26.0	332.70 N								
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 <p>Part No. HP SV 153 Edge HP Double Hub Fitting</p>				<table border="1"> <tr> <td>2</td> <td>15885</td> <td>4.7</td> <td>\$51.50 N</td> </tr> <tr> <td>3</td> <td>15886</td> <td>7.0</td> <td>70.60 N</td> </tr> <tr> <td>4</td> <td>15554</td> <td>9.1</td> <td>80.40 N</td> </tr> </table>				2	15885	4.7	\$51.50 N	3	15886	7.0	70.60 N	4	15554	9.1	80.40 N																								
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Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
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**Part No. HP SV 155
Edge HP Pipe Plug**

2	15555	1.4	\$23.20 N
3	15556	2.5	33.00 N
4	15557	4.1	40.30 N



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

2	15558	7.1	\$73.50
3	15559	13.1	109.50
4	15560	23.2	157.80



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

4	15893	19.3	\$309.40 N
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**Part No. HP SV 174
Edge HP Running Trap with
Single Hub Vent**

Vent Size			
3	3	15895	\$245.10 N
4	4	15896	333.50 N



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

Vent Size			
3	3	15900	\$286.50 N
4	4	15901	401.30 N



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

2	15906	8.1	\$130.30 N
3	15907	14.3	160.80 N
4	15908	29.0	254.80 N



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

IPS TAP			
4	3½	15910	\$708.20
4x3	3½	15561	561.80 N



Illustration Shows Right Hand Cleanout

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

IPS TAP			
4	3	15911	\$355.50 N



Illustration Shows Left Hand Cleanout

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

IPS TAP			
4	3	15912	\$355.50 N



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

3x4x6x12	15562	10.7	\$150.40
3x4x6x16	15913	12.0	179.90 N
3x4x8x18	15914	14.0	279.30 N
3x4x10x16	15915	16.1	253.60 N
3x4x12x12	15916	15.9	193.40 N
3x4x16x16	15563	20.6	283.40
3x4x18x18	15564	22.7	355.40
3x16x16	15565	16.7	263.30
4x4x12	15917	11.5	132.50 N
4x4x16	15566	14.3	191.60
4x4x18	15567	17.3	220.90
4x6x12	15568	12.5	153.30
4x6x16	15569	16.9	220.90
4x6x18	15919	14.0	249.80 N
4x8x16	15920	18.4	193.40 N
4x8x18	15921	19.8	273.30 N
4x10x12	15922	14.5	179.90 N
4x10x16	15923	19.6	246.30 N
4x12x12	15924	14.0	195.70 N
4x12x16	15925	20.8	223.00 N
4x12x18	15926	19.0	268.40 N
4x14x16	15927	22.6	251.60 N
4x14x18	15928	24.0	277.20 N
4x16x16	15570	23.8	291.00
4x16x18	15571	24.7	297.00
4x18x18	15572	27.4	460.80

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	\$36.00 N
4x2	15577	3.0	43.10 N
4x2½	15578	3.6	47.40
4x3	15579	4.5	58.30
4x4	15580	4.7	76.80
4x6	15930	5.3	134.90 N

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Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
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Part No. HP SV 206
Edge HP Tapped Closet Bend with
Southern Code Brass Plug

3½x4x4x18	15931	17.7	\$261.10N
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Part No. HP SV 208
Edge HP Hub End Closet Bend,
Low Hub

4x12	15932	14.2	\$195.80N
4x14	15933	15.4	202.50N
4x16	15934	17.5	306.10N
4x18	15935	18.9	307.00N



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	\$57.50N
3	2½	15573	2.4	86.20
4	3	15574	4.1	100.40
4x12	3½	15938	9.9	340.70N



Part No. HP SV 253
Edge HP Sission Insertable Joint

2	15939	7.0	\$131.60N
3	15940	11.6	206.60N
4	15576	12.9	227.60N

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

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.