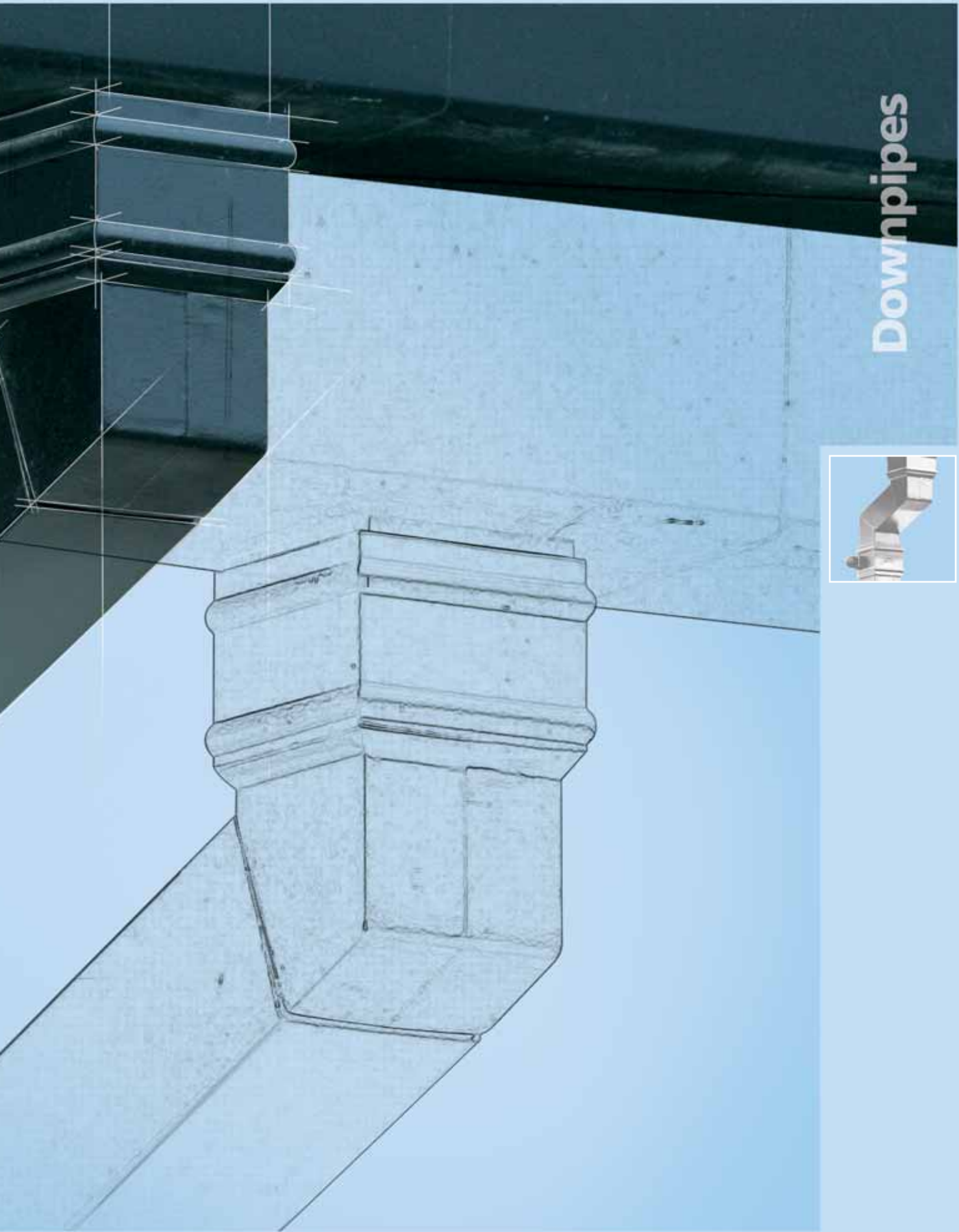


Downpipes





Downpipes available in a range of options.

Standard circular, square and rectangular in a variety of sizes are available with a traditional style socket. In addition to the standard range is Vortex[®], a low cost circular downpipe with a traditional style formed socket. Vandal resistant, non climbable downpipe with concealed fixings is available in square or rectangular. A selection of hoppers complete the range.



Retirement flats, Oxfordshire, Alligator® Classic gutter and Classic square downpipes

Downpipes 54:55

Downpipe systems

The most visible part of any rainwater system are normally the downpipes. On many buildings the downpipes are a decorative feature, particularly on heritage style buildings, with traditionally styled sockets and pipe brackets to emulate older style cast iron products. Modern buildings can also utilise the downpipes as a feature of the building, perhaps by matching the colour of a feature on the building, for example windows, with the downpipe in one of the Alutec range of standard colours (see page 12:13), or indeed any other available RAL colour that can be ordered for a specific project.



Hoppers

Hoppers are also a decorative feature on any building. As well as the standard Alutec range, bespoke hoppers are also available with a variety of decorative cast motifs and embellishments.



Key features

- Styles to suit both traditional and contemporary buildings
- Traditional styles emulate cast iron
- Vandal resistant system, ideal for use in public areas
- Heritage black finish
- Light and easy to install
- Wide range of hoppers





Product selector

Traditional circular

Heavy grade pipe. Factory fitted die cast sockets. Available with eared or un-eared socket and/or separate pipe clip.

Size	Composition
63mm	Cast/Extruded
76mm	1.63mm thick aluminium
102mm	



see page 58

Vortex® circular

Integrally formed pipe socket. Anchored with pipe clip. Unrestricted bore.

Size	Composition
63mm	Extruded
76mm	1.63mm thick aluminium



see page 59

Traditional square

Regency style die cast socket. Available with eared socket and/or separate pipe clip.

Size	Composition
72mm	Cast/Extruded
102mm	1.63mm thick aluminium



see page 60

Rectangular

Regency style die cast socket. Available with eared socket and/or separate pipe clip.

Size	Composition
102 x 76mm	Cast/Extruded
	1.63mm thick aluminium



see page 60

Classic square

For use with Classic gutter or hoppers only. Available with eared socket and/or separate pipe clip.

Size	Composition
62mm	Formed
	1.3mm high tensile aluminium



see page 61

Vandal Resistant

Direct to wall fixing renders the pipe 'non-climbable'. Designed for a top to bottom installation sequence.

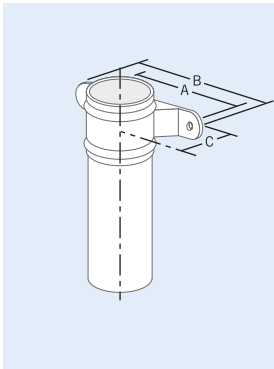
Size	Composition
72mm	Extruded
102mm	1.63mm thick aluminium
102 x 76mm	



see page 62



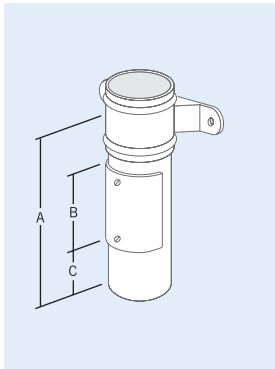
CIRCULAR DOWNPIPE 63, 76, 102MM PIPE AND FITTINGS



Pipe

Code	Size mm	Nominal Length (m)	A	B	C
RR 211	63	1	108	140	58.5
RR 212	63	2	108	140	58.5
RR 213	63	3	108	140	58.5
RR 311	76	1	128	160	70
RR 312	76	2	128	160	70
RR 313	76	3	128	160	70
RR 411	102	1	150	185	91
RR 412	102	2	150	185	91
RR 413	102	3	150	185	91

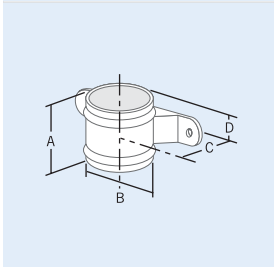
Add suffix 'N.E.' for non-eared pipes



Access pipe

Code	Size mm	A	B	C
RR 260	63	300	140	105
RR 360	76	300	140	105
RR 460	102	300	140	105

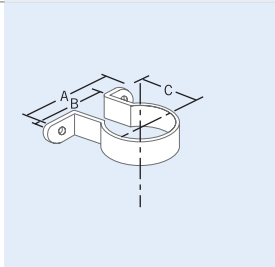
Add suffix 'N.E.' for non-eared access pipes



Loose pipe socket

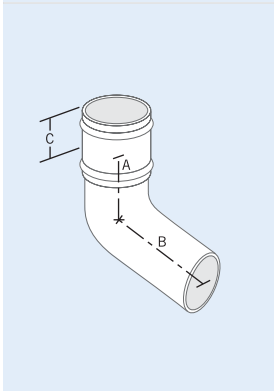
Code	Size mm	A	B	C	D
RR 220	63	73	78	58.5	36.5
RR 320	76	83	92	70	41.5
RR 420	102	95	116	91	47.5

Add suffix 'N.E.' for non-eared socket



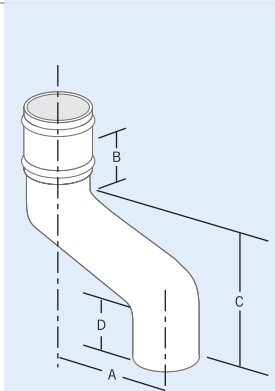
Pipe clip

Code	Size mm	A	B	C
RR 280	63	One piece	100	75 58.5
RR 380	76	One piece	115	90 70
RR 480	102	One piece	145	120 91



Bend

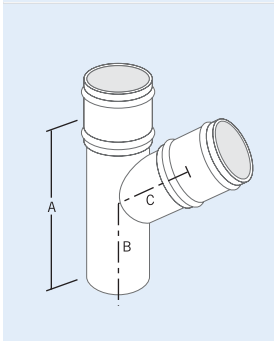
Code	Size mm	Angle	A	B	C	Socket Depth
RR 230	63	92.5°	105	200	36.5	
RR 232	63	112.5°	100	220	36.5	
RR 235	63	135°	95	245	36.5	
RR 330	76	92.5°	120	220	41.5	
RR 332	76	112.5°	110	230	41.5	
RR 335	76	135°	90	245	41.5	
RR 430	102	92.5°	50	170	80	
RR 432	102	112.5°	45	238	70	
RR 435	102	135°	50	291	80	



Fixed offsets

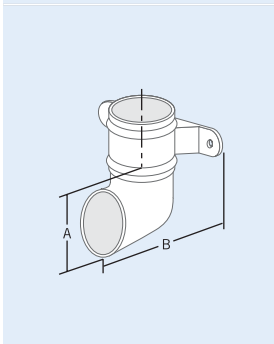
Code	Size mm	Angle	A	B	C	D
RR 2903	63	154°	75	70	298	142
RR 2904	63	149°	100	67	305	140
RR 2906	63	140°	150	78	326	130
RR 2909	63	126°	225	86	310	94
RR 2912	63	120°	300	72	318	90
RR 3903	76	154°	75	82	300	120
RR 3904	76	149°	100	80	321	133
RR 3906	76	140°	150	84	350	145
RR 3909	76	126°	225	110	354	145
RR 3912	76	120°	300	106	355	130
RR 4903	102	112.5°	75	15	170	64
RR 4904	102	112.5°	100	15	180	64
RR 4906	102	112.5°	150	15	227	64
RR 4909	102	112.5°	225	15	236	64
RR 4912	102	112.5°	300	15	260	64

Other projection offsets available on request



Branch

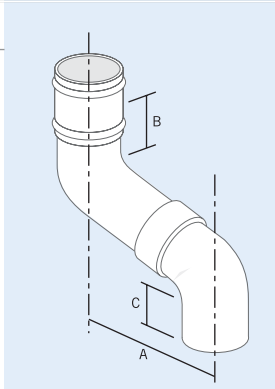
Code	Size mm	Angle	A	B	C
RR 240	63	92.5°	210	105	95
RR 242	63	112.5°	210	100	110
RR 245	63	135°	210	74	138
RR 340	76	92.5°	250	138	112
RR 342	76	112.5°	250	119	130
RR 345	76	135°	250	86	164
RR 440	102	92.5°	310	174	121
RR 442	102	112.5°	310	150	150
RR 445	102	135°	310	105	195



Shoe

Code	Size mm	Angle	A	B
RR 250	63	112.5°	72	115
RR 350	76	112.5°	98	120
RR 450	102	112.5°	118	160

Add suffix 'N.E.' for non-eared shoe



Adjustable offsets

Code	Size mm	Angle	A min	A max	B	C
RR 2945	63	112.5°	150	450	42	48
RR 2990	63	112.5°	150	900	42	48
RR 3945	76	112.5°	200	450	48	62
RR 3990	76	112.5°	200	900	48	62
RR 4945	102	112.5°	110	450	15	64
RR 4990	102	112.5°	110	900	15	64

Other projection offsets available on request

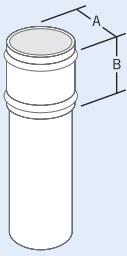
All sizes are in mm. For colour range see page 13. Code should be prefixed by 'X' when colour is required.



VORTEX® CIRCULAR DOWNPIPE 63, 76MM PIPE AND FITTINGS

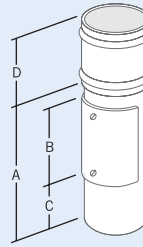
Pipe

Code	Size mm	Nominal Length (m)	A	B
RC 211	63	1	69	65
RC 212	63	2	69	65
RC 213	63	3	69	65
RC 311	76	1	85	70
RC 312	76	2	85	70
RC 313	76	3	85	70



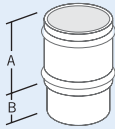
Access pipe

Code	Size mm	A	B	C	D
RC 260	63	280	140	105	65
RC 360	76	280	140	105	70



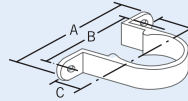
Loose pipe socket

Code	Size mm	A	B
RC 220	63	65	40
RC 320	76	70	40



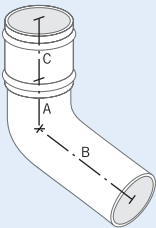
Pipe clip

Code	Size mm	A	B	C
RC 280	63	118	95	58.5
RC 380	76	135	110	70



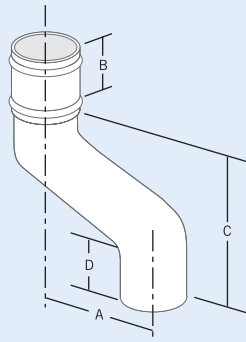
Bend

Code	Size mm	Angle	A	B	C
RC 230	63	92.5°	90	210	65
RC 232	63	112.5°	75	225	65
RC 235	63	135°	45	230	65
RC 330	76	92.5°	110	210	70
RC 332	76	112.5°	85	220	70
RC 335	76	135°	60	235	70



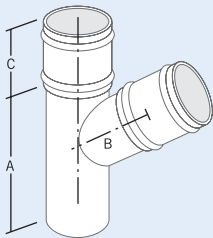
Fixed offsets

Code	Size mm	Angle	A	B	C	D
RC 2903	63	145°	75	65	370	130
RC 2904	63	140°	100	65	360	130
RC 2906	63	130°	150	65	400	130
RC 3903	76	150°	75	70	370	160
RC 3904	76	145°	100	70	400	160
RC 3906	76	130°	150	70	420	160



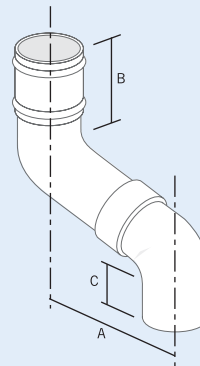
Branch

Code	Size mm	Angle	A	B	C
RC 242	63	112.5°	215	100	65
RC 342	76	112.5°	225	115	70



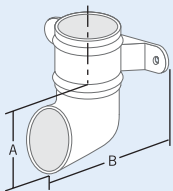
Adjustable offsets

Code	Size mm	Angle	A min	A max	B	C
RC 2930	63	112.5°	185	300	120	130
RC 2950	63	112.5°	185	500	120	130
RC 29100	63	112.5°	185	1000	120	130
RC 3930	76	112.5°	205	300	130	160
RC 3950	76	112.5°	205	500	130	160
RC 39100	76	112.5°	205	1000	130	160



Shoe

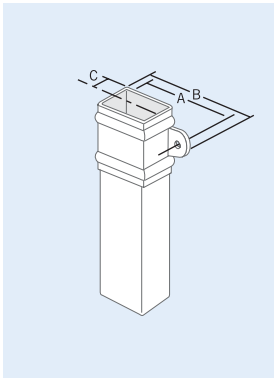
Code	Size mm	Angle	A	B
RC 250	63	112.5°	72	115
RC 350	76	112.5°	98	120



All sizes are in mm. For colour range see page 13. Code should be prefixed by 'X' when colour is required.



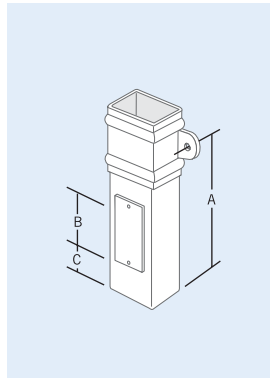
SQUARE AND RECTANGULAR DOWNPIPE 72, 102 X 76, 102MM PIPE AND FITTINGS



Pipe

Code	Size mm	Nom. Length (m)	A	B	C
RSR 311	72 x 72	1	120	157	42
RSR 312	72 x 72	2	120	157	42
RSR 313	72 x 72	3	120	157	42
RSR 111	102 x 76	1	160	191	44
RSR 112	102 x 76	2	160	191	44
RSR 113	102 x 76	3	160	191	44
RSR 411	102 x 102	1	155	195	54
RSR 412	102 x 102	2	155	195	54
RSR 413	102 x 102	3	155	195	54

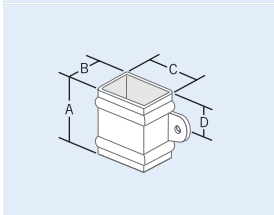
Add suffix 'N.E.' for non-eared pipes



Access pipe

Code	Size mm	A	B	C
RSR 360	72 x 72	300	140	105
RSR 160	102 x 76	300	140	105
RSR 460	102 x 102	300	140	105

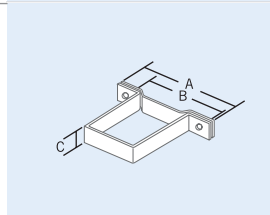
Add suffix 'N.E.' for non-eared access pipe



Loose pipe socket

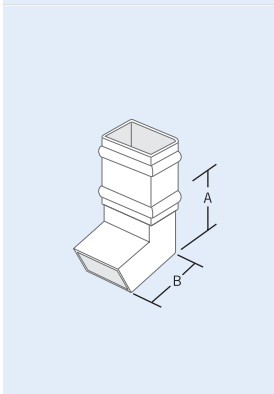
Code	Size mm	A	B	C	D
RSR 320	72 x 72	80	80	80	40
RSR 120	102 x 76	80	86	112	40
RSR 420	102 x 102	80	112	112	40

Add suffix 'N.E.' for non-eared socket



Pipe clip

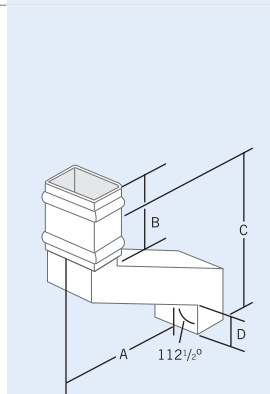
Code	Size mm	A	B	C
RSR 380	72 x 72	128	105	25
RSR 180	102 x 76	158	135	25
RSR 480	102 x 102	158	135	25



Bend

Code	Size mm	Angle	A	B
RSR 330	72 x 72	92.5°	81	145
RSR 332	72 x 72	112.5°	60	125
RSR 335	72 x 72	135°	43	110
RSR 130	102 x 76	92.5°	85	160
RSR 132	102 x 76	112.5°	63	140
RSR 135	102 x 76	135°	55	110
RSR 430	102 x 102	92.5°	112	188
RSR 432	102 x 102	112.5°	75	155
RSR 435	102 x 102	135°	55	125

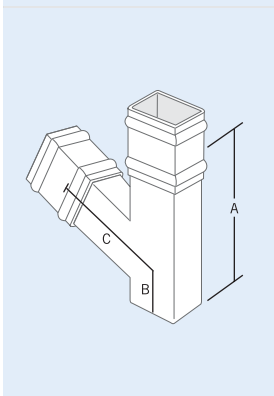
For 102 x 76mm state if left/right handed or front/rear projection is required



Fixed offsets

Code	Size mm	A	B	C	D
RSR 3903	72 x 72	75	75	233	60
RSR 3904	72 x 72	100	75	244	60
RSR 3906	72 x 72	150	75	265	60
RSR 3909	72 x 72	225	75	297	60
RSR 3912	72 x 72	300	75	327	60
RSR 1903	102 x 76	75	82	239	60
RSR 1904	102 x 76	100	82	248	60
RSR 1906	102 x 76	150	82	269	60
RSR 1909	102 x 76	225	82	300	60
RSR 1912	102 x 76	300	82	332	60
RSR 4903	102 x 102	75	82	260	60
RSR 4904	102 x 102	100	82	275	60
RSR 4906	102 x 102	150	82	296	60
RSR 4909	102 x 102	225	82	327	60
RSR 4912	102 x 102	300	82	358	60

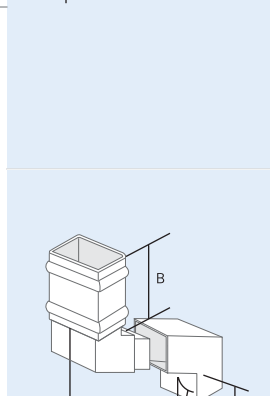
For 102 x 76mm state if left/right handed or front/rear projection is required



Branch

Code	Size mm	Angle	A	B	C
RSR 340	72 x 72	92.5°	260	140	114
RSR 342	72 x 72	112.5°	260	127	130
RSR 345	72 x 72	135°	260	95	160
RSR 140	102 x 76	92.5°	280	130	140
RSR 142	102 x 76	112.5°	280	112	156
RSR 145	102 x 76	135°	280	72	164
RSR 440	102 x 102	92.5°	280	130	140
RSR 442	102 x 102	112.5°	280	112	156
RSR 445	102 x 102	135°	280	72	164

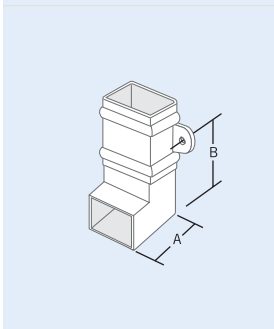
For 102 x 76mm state if left/right handed or front/rear projection is required



Adjustable offsets

Code	Size mm	A (min)	A (max)	B	C
RSR 3945	72 x 72	75	450	75	60
RSR 3990	72 x 72	75	900	75	60
RSR 1945	102 x 76	75	450	85	60
RSR 1990	102 x 76	75	900	85	60
RSR 4945	102 x 102	109	450	85	60
RSR 4990	102 x 102	109	900	85	60

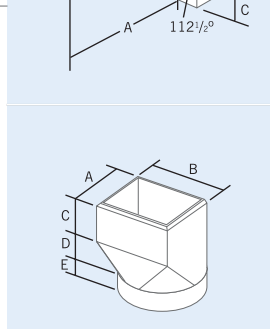
For 102 x 76mm state if left/right handed or front/rear projection is required



Shoe

Code	Size mm	Angle	A	B
RSR 350	72 x 72	120°	110	100
RSR 150	102 x 76	120°	120	105
RSR 450	102 x 102	120°	158	148

Add suffix 'N.E.' for non-eared shoe



Slip socket drain adaptor

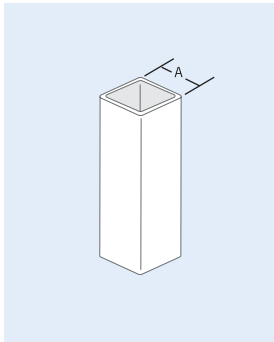
Code	Size mm	A	B	C	D	E
RSR 370	72 x 72 - 110	85	85	65	41	30
RSR 170	102 x 76 - 110	90	116	65	41	30
RSR 470	102 x 102 - 110	115	115	65	41	30

70mm from wall to centre of 110mm drain connection

All sizes are in mm. For colour range see page 13. Code should be prefixed by 'X' when colour is required.

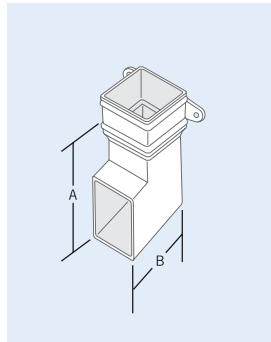


CLASSIC 62MM SQUARE DOWNPIPE AND FITTINGS
For use with Classic gutter system or hoppers only.



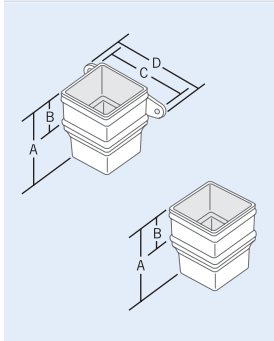
Pipe

Code	Nominal Length (m)	A
RK 313	3	62



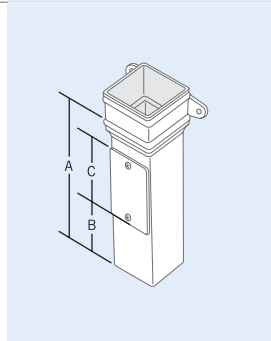
Shoe

Code	Angle	A	B
RK 350	120°	129	92



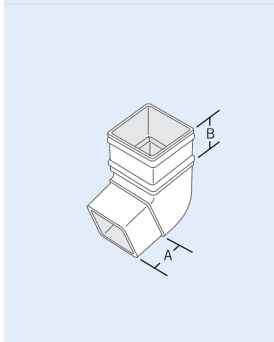
Pipe socket

Code		A	B	C	D
RK 320	Eared	86	40	97	119
RK 320NE	Un-eared	86	40		



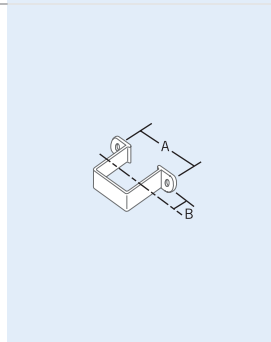
Access pipe

Code	A	B	C
RK 360	210	50	120



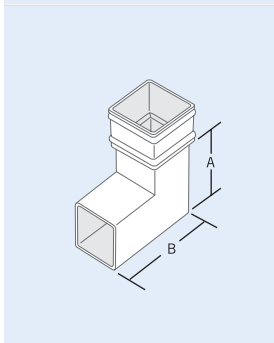
Eaves offset bend

Code	Angle	A	B
RK 332	112.5°	35	45



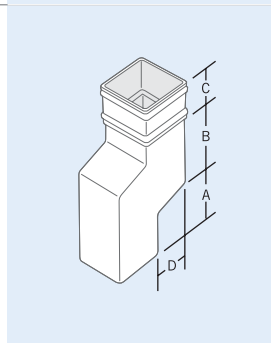
One piece pipe clip

Code	A	B
RK 380	95	36



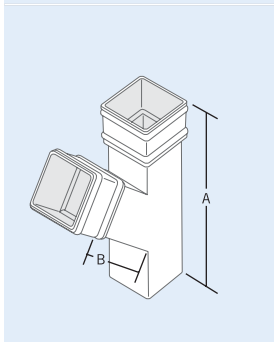
Bend

Code	Angle	A	B
RK 330	92.5°	105	115



Wall offset

Code	Angle	A	B	C	D
RK 3902	135°	95	70	50	50



Branch

Code	Angle	A	B
RK 342	112.5°	165	70

All sizes are in mm. For colour range see page 13. Available in white, black and Heritage black ex-stock. Add suffix 'W', 'B' or 'H' to product code. Code should be prefixed by 'X' when other colours required. Not available in mill finish.

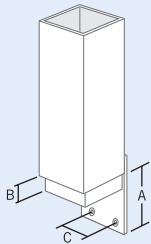


VANDAL RESISTANT DOWNPIPE 72, 102 X 76, 102MM PIPE AND FITTINGS

Pipe

Code	Size mm	Nominal Length (m)	A B C		
			A	B	C
RVR 311	72 x 72	1	100	50	38
RVR 312	72 x 72	2	100	50	38
RVR 313	72 x 72	3	100	50	38
RVR 111	102 x 76	1	100	50	54
RVR 112	102 x 76	2	100	50	54
RVR 113	102 x 76	3	100	50	54
RVR 411	102 x 102	1	100	50	54
RVR 412	102 x 102	2	100	50	54
RVR 413	102 x 102	3	100	50	54

For direct connection to gutter outlet, or hopper use pipe socket RSR320NE, RSR120NE or RSR420NE

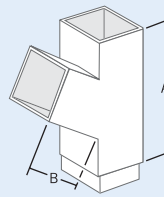


Branch

Code	Size mm	Angle	A	B
RVR 340	72 x 72	92.5°	260	114
RVR 342	72 x 72	112.5°	260	130
RVR 345	72 x 72	135°	260	160
RVR 140	102 x 76	92.5°	280	140
RVR 142	102 x 76	112.5°	280	156
RVR 145	102 x 76	135°	280	164
RVR 440	102 x 102	92.5°	280	140
RVR 442	102 x 102	112.5°	280	156
RVR 445	102 x 102	135°	280	164

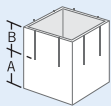
A fixing plate with fixing kit is included for on site positioning to required handling

For 102 x 76mm state if left/right handed or front/rear projection is required



Loose joint spigot

Code	Size mm	A	B
RVR 320	72 x 72	50	20
RVR 120	102 x 76	50	20
RVR 420	102 x 102	50	20



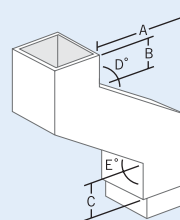
Wall offset

Provide dimensions, A to E as indicated on drawing.

A fixing plate with fixing kit is included for on site positioning to required handling

For 102 x 76mm state if left/right handed or front/rear projection is required

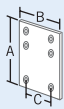
For direct connection to gutter outlet or hopper use pipe socket RSR320NE, RSR120NE or RSR420NE



Loose back fixing plate

Code	Size mm	A	B	C
RVR 380	72 x 72	150	68	38
RVR 180	102 x 76	150	98	58
RVR 480	102 x 102	150	98	58

Supplied complete with fixing kit

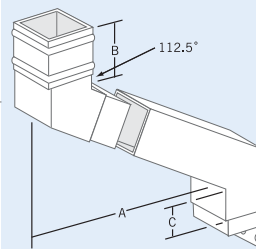


Adjustable eaves offsets

Code	Size mm	A (min)	A (max)	B	C
RVR 3945	72 x 72	75	450	107	60
RVR 3990	72 x 72	75	900	107	60
RVR 1945	102 x 76	75	450	102	60
RVR 1990	102 x 76	75	900	102	60
RVR 4945	102 x 102	109	450	109	60
RVR 4990	102 x 102	109	900	109	60

Longer projection offsets available on request.

For 102 x 76mm state if left/right handed or front/rear projection is required



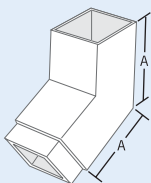
Bend

Code	Size mm	Angle	A
RVR 330	72 x 72	92.5°	150
RVR 332	72 x 72	112.5°	128
RVR 335	72 x 72	135°	110
RVR 130	102 x 76	92.5°	175
RVR 132	102 x 76	112.5°	150
RVR 135	102 x 76	135°	132
RVR 430	102 x 102	92.5°	198
RVR 432	102 x 102	112.5°	154
RVR 435	102 x 102	135°	141

"Fixing Plate" with fixing kit included for on site positioning to required handling

For 102 x 76mm state if left/right handed or front/rear projection is required

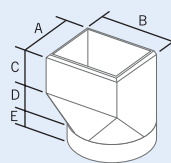
For direct connection to gutter outlet, or hopper use pipe socket RSR320NE, RSR120NE or RSR420NE



Slip socket drain adaptor

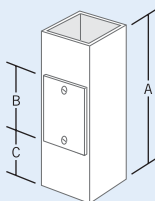
Code	Size mm	A	B	C	D	E
RSR 370	72 x 72 - 110	85	85	65	41	30
RSR 170	102 x 76 - 110	90	116	65	41	30
RSR 470	102 x 102 - 110	115	115	65	41	30

70mm from wall to centre of 110mm drain connection



Access pipe

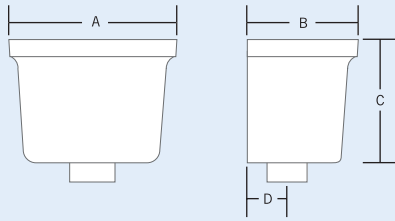
Code	Size mm	A	B	C
RVR 360	72 x 72	300	140	105
RVR 160	102 x 76	300	140	105
RVR 460	102 x 102	300	140	105



All sizes are in mm. For colour range see page 13. Code should be prefixed by 'X' when colour is required.

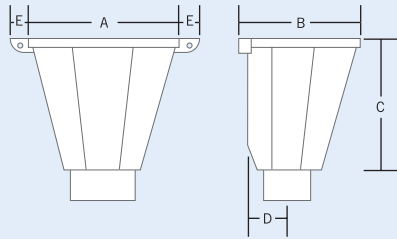


HOPPER HEADS



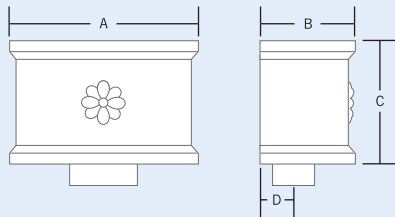
Standard

Code	Outlet	A	B	C	D
RH 100	62 x 62	250	180	180	36
RH 101	63ø	250	180	180	58
RH 102	76ø	250	180	180	70
RH 103	102ø	250	180	180	91
RH 104	72 x 72	250	180	180	42
RH 105	102 x 76	250	180	180	44
RH 106	102 x 102	250	180	180	54



Triangular flat back

Code	Size mm	A	B	C	D	E
RH 200	62 x 62	210	164	185	36	20
RH 201	63ø	210	164	185	58	20
RH 202	76ø	210	164	185	70	20
RH 204	72 x 72	210	164	185	42	20



Ornamental

Code	Outlet	A	B	C	D
RH 300	62 x 62	410	190	185	36
RH 301	63ø	410	190	185	58
RH 302	76ø	410	190	185	70
RH 303	102ø	410	190	185	91
RH 304	72 x 72	410	190	185	42
RH 305	102 x 76	410	190	185	44
RH 306	102 x 102	410	190	185	54

All sizes are in mm. For colour range see page 13. Code should be prefixed by 'X' when colour is required.