

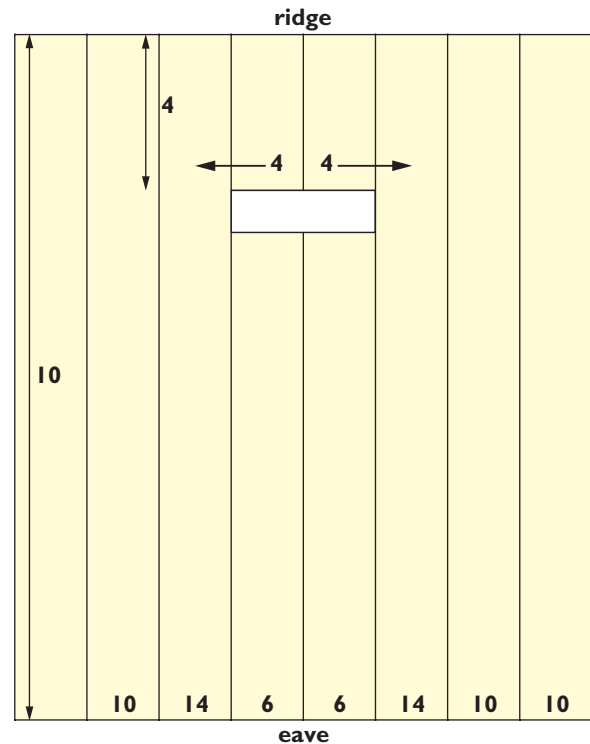
Overflow Measures

Slotted **Stramit®** gutters give some overflow provision, when used with the **Stramit® Snap Clip**. A higher overflow volume can be catered for by providing the **Stramit® Gutter Spacer** or the **Stramit BAT® Clip**. The table below gives the maximum sloped roof run length which can be used for the overflow through the slots, and back of gutter. These values are based on independent testing. Where the **Stramit® Gutter Spacer** or **BAT® Clip** is used, they need to be installed as recommended in the installation leaflets provided with the product.

Roof Run Length

When finding the maximum sloped roof run length, it is important to consider the additional length of roof which contributes to the flow in any one position, if there is a roof penetration or spreader. In these positions, the effective roof run length would be longer than the distance from the ridge to the eaves. A simplified method of finding this length is shown in the illustration. In this case, the maximum roof run length is 14m for a 10m length of roof due to the penetration 4m down from the ridge.

If the catchment area is known, the roof run length can be found by dividing the area by the length of gutter it feeds into.



DRAFT TABLE – SUBJECT TO CHANGE

OVERFLOW MEASURES - NEW SOUTH WALES AND AUSTRALIAN CAPITAL TERRITORY																										
Location	Rainfall Intensity (mm/hr)	Maximum roof length feeding into gutter (m)																								
		4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16
ACT																										
Canberra	193	0.21	0.24	0.27	0.29	0.32	0.35	0.38	0.40	0.43	0.46	0.48	0.51	0.54	0.56	0.59	0.62	0.64	0.67	0.70	0.72	0.75	0.78	0.80	0.83	0.86
NSW																										
Goulburn	156	0.17	0.20	0.22	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.39	0.41	0.43	0.46	0.48	0.50	0.52	0.54	0.56	0.59	0.61	0.63	0.65	0.67	0.69
Bathurst	164	0.18	0.21	0.23	0.25	0.27	0.30	0.32	0.34	0.36	0.39	0.41	0.43	0.46	0.48	0.50	0.52	0.55	0.57	0.59	0.62	0.64	0.66	0.68	0.71	0.73
Albury	180	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.38	0.40	0.43	0.45	0.48	0.50	0.53	0.55	0.58	0.60	0.63	0.65	0.68	0.70	0.73	0.75	0.78	0.80
Orange	186	0.21	0.23	0.26	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.47	0.49	0.52	0.54	0.57	0.59	0.62	0.65	0.67	0.70	0.72	0.75	0.78	0.80	0.83
Cowra	190	0.21	0.24	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.48	0.50	0.53	0.55	0.58	0.61	0.63	0.66	0.69	0.71	0.74	0.77	0.79	0.82	0.84
Lithgow	196	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.49	0.52	0.54	0.57	0.60	0.63	0.65	0.68	0.71	0.74	0.76	0.79	0.82	0.84	0.87
Forbes	205	0.23	0.26	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.51	0.54	0.57	0.60	0.63	0.65	0.68	0.71	0.74	0.77	0.80	0.83	0.85	0.88	0.91
Wagga Wagga	208	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.66	0.69	0.72	0.75	0.78	0.81	0.84	0.87	0.90	0.92
Parramatta	209	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.67	0.70	0.73	0.75	0.78	0.81	0.84	0.87	0.90	0.93
Broken Hill	218	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.55	0.58	0.61	0.64	0.67	0.70	0.73	0.76	0.79	0.82	0.85	0.88	0.91	0.94	0.97
Bowral	220	0.24	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.67	0.70	0.73	0.76	0.79	0.83	0.86	0.89	0.92	0.95	0.98
Dubbo	222	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.56	0.59	0.62	0.65	0.68	0.71	0.74	0.77	0.80	0.83	0.86	0.89	0.93	0.96	0.99
Mittagong	222	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.56	0.59	0.62	0.65	0.68	0.71	0.74	0.77	0.80	0.83	0.86	0.89	0.93	0.96	0.99
Riverstone	234	0.26	0.29	0.33	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.59	0.62	0.65	0.68	0.72	0.75	0.78	0.81	0.85	0.88	0.91	0.94	0.98	1.01	1.04
Armidale	238	0.26	0.30	0.33	0.36	0.40	0.43	0.46	0.50	0.53	0.56	0.60	0.63	0.66	0.69	0.73	0.76	0.79	0.83	0.86	0.89	0.93	0.96	0.99	1.02	1.06
Penrith	244	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.51	0.54	0.58	0.61	0.64	0.68	0.71	0.75	0.78	0.81	0.85	0.88	0.92	0.95	0.98	1.02	1.05	1.08
Nowra	247	0.27	0.31	0.34	0.38	0.41	0.45	0.48	0.51	0.55	0.58	0.62	0.65	0.69	0.72	0.75	0.79	0.82	0.86	0.89	0.93	0.96	0.99	1.03	1.06	1.10
Sydney	262	0.29	0.33	0.36	0.40	0.44	0.47	0.51	0.55	0.58	0.62	0.66	0.69	0.73	0.76	0.80	0.84	0.87	0.91	0.95	0.98	1.02	1.06	1.09	1.13	1.16
Maitland	266	0.30	0.33	0.37	0.41	0.44	0.48	0.52	0.55	0.59	0.63	0.67	0.70	0.74	0.78	0.81	0.85	0.89	0.92	0.96	1.00	1.03	1.07	1.11	1.15	1.18
Batemans Bay	268	0.30	0.34	0.37	0.41	0.45	0.48	0.52	0.56	0.60	0.63	0.67	0.71	0.74	0.78	0.82	0.86	0.89	0.93	0.97	1.01	1.04	1.08	1.12	1.15	1.19
Lismore	270	0.30	0.34	0.38	0.41	0.45	0.49	0.53	0.56	0.60	0.64	0.68	0.71	0.75	0.79	0.83	0.86	0.90	0.94	0.98	1.01	1.05	1.09	1.13	1.16	1.20
Kempsey	287	0.32	0.36	0.40	0.44	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	1.04	1.08	1.12	1.16	1.20	1.24	1.28
Wollongong	308	0.34	0.39	0.43	0.47	0.51	0.56	0.60	0.64	0.68	0.73	0.77	0.81	0.86	0.90	0.94	0.98	1.03	1.07	1.11	1.16	1.20	1.24	1.28	1.33	1.37
Gosford	313	0.35	0.39	0.43	0.48	0.52	0.57	0.61	0.65	0.70	0.74	0.78	0.83	0.87	0.91	0.96	1.00	1.04	1.09	1.13	1.17	1.22	1.26	1.30	1.35	1.39
Port Macquarie	313	0.35	0.39	0.43	0.48	0.52	0.57	0.61	0.65	0.70	0.74	0.78	0.83	0.87	0.91	0.96	1.00	1.04	1.09	1.13	1.17	1.22	1.26	1.30	1.35	1.39
Newcastle	316	0.35	0.40	0.44	0.48	0.53	0.57	0.61	0.66	0.70	0.75	0.79	0.83	0.88	0.92	0.97	1.01	1.05	1.10	1.14	1.19	1.23	1.27	1.32	1.36	1.40
Kiama	319	0.35	0.40	0.44	0.49	0.53	0.58	0.62	0.66	0.71	0.75	0.80	0.84	0.89	0.93	0.97	1.02	1.06	1.11	1.15	1.20	1.24	1.28	1.33	1.37	1.42
Wyong	320	0.36	0.40	0.44	0.49	0.53	0.58	0.62	0.67	0.71	0.76	0.80	0.84	0.89	0.93	0.98	1.02	1.07	1.11	1.16	1.20	1.24	1.29	1.33	1.38	1.42
Tweed Heads	330	0.37	0.41	0.46	0.50	0.55	0.60	0.64	0.69	0.73	0.78	0.83	0.87	0.92	0.96	1.01	1.05	1.10	1.15	1.19	1.24	1.28	1.33	1.38	1.42	1.47
Coffs Harbour	382	0.42	0.48	0.53	0.58	0.64	0.69	0.74	0.80	0.85	0.90	0.96	1.01	1.06	1.11	1.17	1.22	1.27	1.33	1.38	1.43	1.49	1.54	1.59	1.64	1.70

* Based on test results

NOTE: Values in the table are in L/s/m. A measure with a larger overflow volume can be substituted for one with a smaller volume.

- Slot area 720mm²/m - Overflow volume 0.3L/s/m
- Slot area 1200mm²/m - Overflow volume 0.5L/s/m
- Stramit® Gutter Spacer** - Overflow volume 1.2L/s/m*
- Stramit BAT® clip** - Overflow volume - 1.5L/s/m
- Stramit Gutter Spacer** combined with Slot area 1200mm²/m - 1.7L/s/m or **Stramit BAT® clip** combined with slot area 720mm²/m - 1.8L/s/m

The above data is valid for Hi-Front Quad gutters. For other gutters, and for information on availability of different slot areas, please contact your local Stramit office for advice.

For gutters with a ribbed rather than hook back only, the data in the table for overflow where the **Stramit® Gutter Spacer** is used is valid for the installation of the gutters on the third notch of the snap clip or below. If overflow provisions are required where the gutter is on the top two notches and the **Stramit® Gutter Spacer** is used, please contact your local Stramit office for advice.