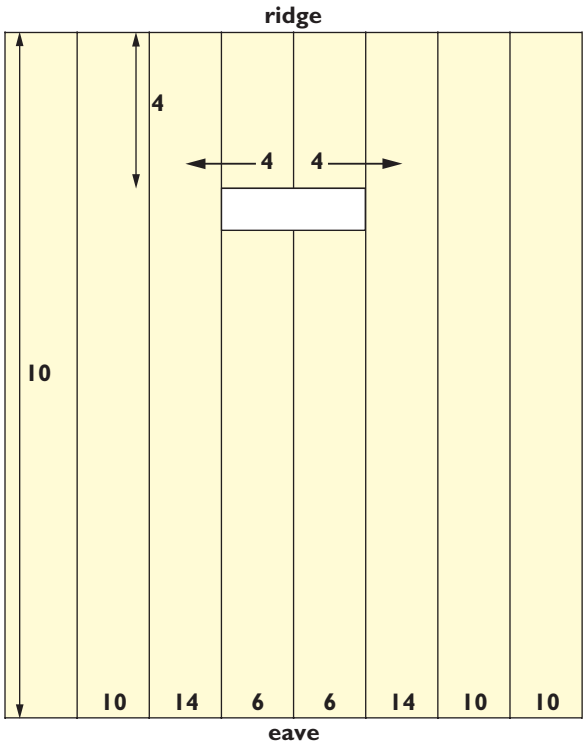
Overflow Measures

Overflow measures are not required for eaves gutters fitted to a verandah, or where the eave is greater than 450mm wide, with either no lining or sloping away from the building. 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.



OVERFLOW MEASURES - QUEENSLAND AND NORTHERN TERRITORY

Location	Rainfall Intensity (mm/hr)	Maximum roof length feeding into gutter (m)																							
		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0
NT																										
Alice Springs	239	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.50	0.53	0.56	0.60	0.63	0.66	0.70	0.73	0.76	0.80	0.83	0.86	0.90	0.93	0.96	1.00	1.03	1.06
Katherine	250	0.28	0.31	0.35	0.38	0.42	0.45	0.49	0.52	0.56	0.59	0.63	0.66	0.69	0.73	0.76	0.80	0.83	0.87	0.90	0.94	0.97	1.01	1.04	1.08	1.11
Darwin	274	0.30	0.34	0.38	0.42	0.46	0.49	0.53	0.57	0.61	0.65	0.69	0.72	0.76	0.80	0.84	0.88	0.91	0.95	0.99	1.03	1.07	1.10	1.14	1.18	1.22
QLD																										
Charleville	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
Charters Towers	250	0.28	0.31	0.35	0.38	0.42	0.45	0.49	0.52	0.56	0.59	0.63	0.66	0.69	0.73	0.76	0.80	0.83	0.87	0.90	0.94	0.97	1.01	1.04	1.08	1.11
Longreach	251	0.28	0.31	0.35	0.38	0.42	0.45	0.49	0.52	0.56	0.59	0.63	0.66	0.70	0.73	0.77	0.80	0.84	0.87	0.91	0.94	0.98	1.01	1.05	1.08	1.12
Warwick	252	0.28	0.32	0.35	0.39	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.67	0.70	0.74	0.77	0.81	0.84	0.88	0.91	0.95	0.98	1.02	1.05	1.09	1.12
Goondiwindi	258	0.29	0.32	0.36	0.39	0.43	0.47	0.50	0.54	0.57	0.61	0.65	0.68	0.72	0.75	0.79	0.82	0.86	0.90	0.93	0.97	1.00	1.04	1.08	1.11	1.15
Mt Isa	260	0.29	0.33	0.36	0.40	0.43	0.47	0.51	0.54	0.58	0.61	0.65	0.69	0.72	0.76	0.79	0.83	0.87	0.90	0.94	0.98	1.01	1.05	1.08	1.12	1.16
Toowoomba	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
Cairns	278	0.31	0.35	0.39	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.00	1.04	1.08	1.12	1.16	1.20	1.24
Cloncurry	278	0.31	0.35	0.39	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.00	1.04	1.08	1.12	1.16	1.20	1.24
Gympie	278	0.31	0.35	0.39	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.00	1.04	1.08	1.12	1.16	1.20	1.24
Proserpine	293	0.33	0.37	0.41	0.45	0.49	0.53	0.57	0.61	0.65	0.69	0.73	0.77	0.81	0.85	0.90	0.94	0.98	1.02	1.06	1.10	1.14	1.18	1.22	1.26	1.30
Rockhampton	300	0.33	0.38	0.42	0.46	0.50	0.54	0.58	0.63	0.67	0.71	0.75	0.79	0.83	0.88	0.92	0.96	1.00	1.04	1.08	1.13	1.17	1.21	1.25	1.29	1.33
Townsville	300	0.33	0.38	0.42	0.46	0.50	0.54	0.58	0.63	0.67	0.71	0.75	0.79	0.83	0.88	0.92	0.96	1.00	1.04	1.08	1.13	1.17	1.21	1.25	1.29	1.33
Innisfail	301	0.33	0.38	0.42	0.46	0.50	0.54	0.59	0.63	0.67	0.71	0.75	0.79	0.84	0.88	0.92	0.96	1.00	1.05	1.09	1.13	1.17	1.21	1.25	1.30	1.34
Brisbane	305	0.34	0.38	0.42	0.47	0.51	0.55	0.59	0.64	0.68	0.72	0.76	0.80	0.85	0.89	0.93	0.97	1.02	1.06	1.10	1.14	1.19	1.23	1.27	1.31	1.36
Mackay	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
Noosa Heads	331	0.37	0.41	0.46	0.51	0.55	0.60	0.64	0.69	0.74	0.78	0.83	0.87	0.92	0.97	1.01	1.06	1.10	1.15	1.20	1.24	1.29	1.33	1.38	1.43	1.47
Southport	335	0.37	0.42	0.47	0.51	0.56	0.60	0.65	0.70	0.74	0.79	0.84	0.88	0.93	0.98	1.02	1.07	1.12	1.16	1.21	1.26	1.30	1.35	1.40	1.44	1.49
Bundaberg	340	0.38	0.43	0.47	0.52	0.57	0.61	0.66	0.71	0.76	0.80	0.85	0.90	0.94	0.99	1.04	1.09	1.13	1.18	1.23	1.28	1.32	1.37	1.42	1.46	1.51

* 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 1200mm²/m or Hole area 625mm²/m* - Overflow volume 0.5L/s/m
- Hole area 1600mm²/m - Overflow volume 0.75L/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 or Hole area 625mm²/m - 1.7L/s/m or **Stramit BAT® clip** combined with hole area 625mm²/m - 2L/s/m

The above data is valid for Queenslander Quad gutters. For other gutters, and for information on availability of different slot/hole 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.