



CERTIFICATE OF COMPLIANCE

APEX RAINHEAD

DATE: July 2, 2021

Certificate no. FAC-915 Rev. 2

ITEM CERTIFIED: Apex Rainhead

SPECIFICATIONS OF ITEMS CERTIFIED: As per drawing no. FA-APX-915 Rev. 5

ASPECTS OF RAINHEAD CERTIFIED: Design flow capacity and overflow capacity as shown in drawing number FA-APX-915 Rev. 5

BASIS OF CERTIFICATION

The following documents were referred to in making this certification:

- a. NCC2019 Volumes 2 and 3
- b. AS/NZS 3500.3:2018

CERTIFICATION

I certify that the:

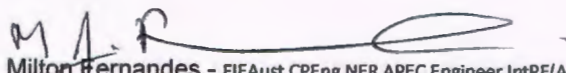
- a. Design flow capacity (L/s), and
- b. Overflow capacity over weir

of the rainhead shown in drawing number FA-APX-915 Rev. 5, have been calculated in accordance with the Codes and Standard listed above.

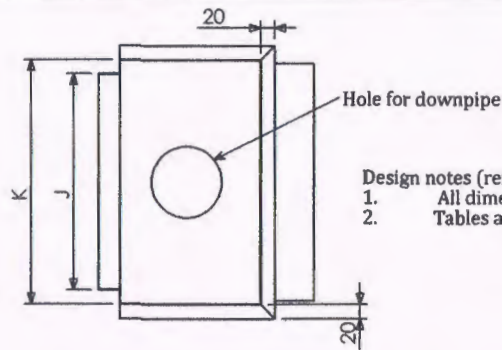
CONDITIONS OF CERTIFICATION

The conditions of certification are as follows:

- a. Gutter slope = 1:200
- b. Gutter and rainhead should be installed in accordance with NCC2019 requirements


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Design notes (refer to table below)
 1. All dimensions are in mms
 2. Tables are valid for gutter slope of 1:200

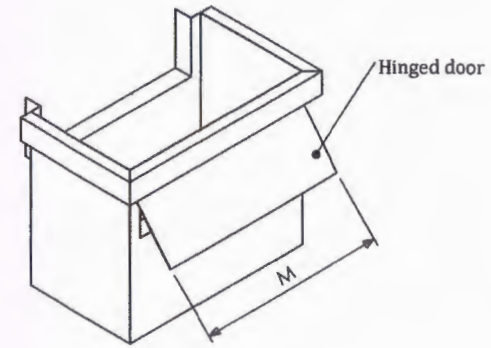
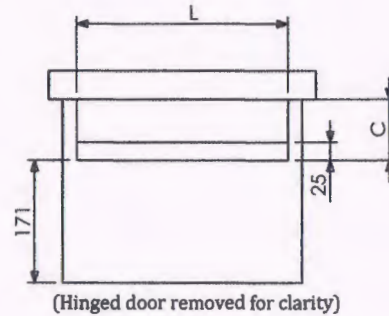
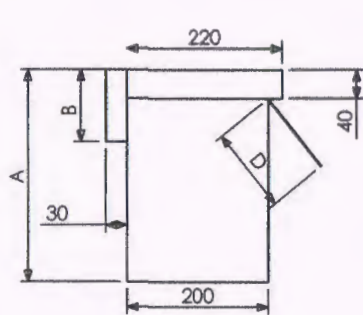


Table 3. Rainhead hydraulic capacity

Downpipe diameter	Design capacity of rainhead Q (L/s)	Overflow capacity of rainhead through weir (L/s)	
		Weir width (L) = 200mm	Weir width (L) = 300mm and above
90	7.0	9.2	>16
100	8.8		

Table 1. Rainhead dimensions

Box gutter depth	A	B	C	D
100	296	100	85	110
110	306	110	95	120
120	316	120	105	130
130	326	130	115	140
140	336	140	125	150
150	346	150	135	160
160	356	160	145	170
170	366	170	155	180

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Table 2. Rainhead dimensions

Box gutter width	J	K	L	M
200	200	260	200	230
300	300	360	300	330
400	400	460	400	430
500	500	560	500	530
600	600	660	600	630



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CLIENT:



Apex - Rainhead Hydraulic Capacity

Rainhead sizing

Dwg. No. FA-APX-915

Rev. 5

DATE

02/07/2021

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