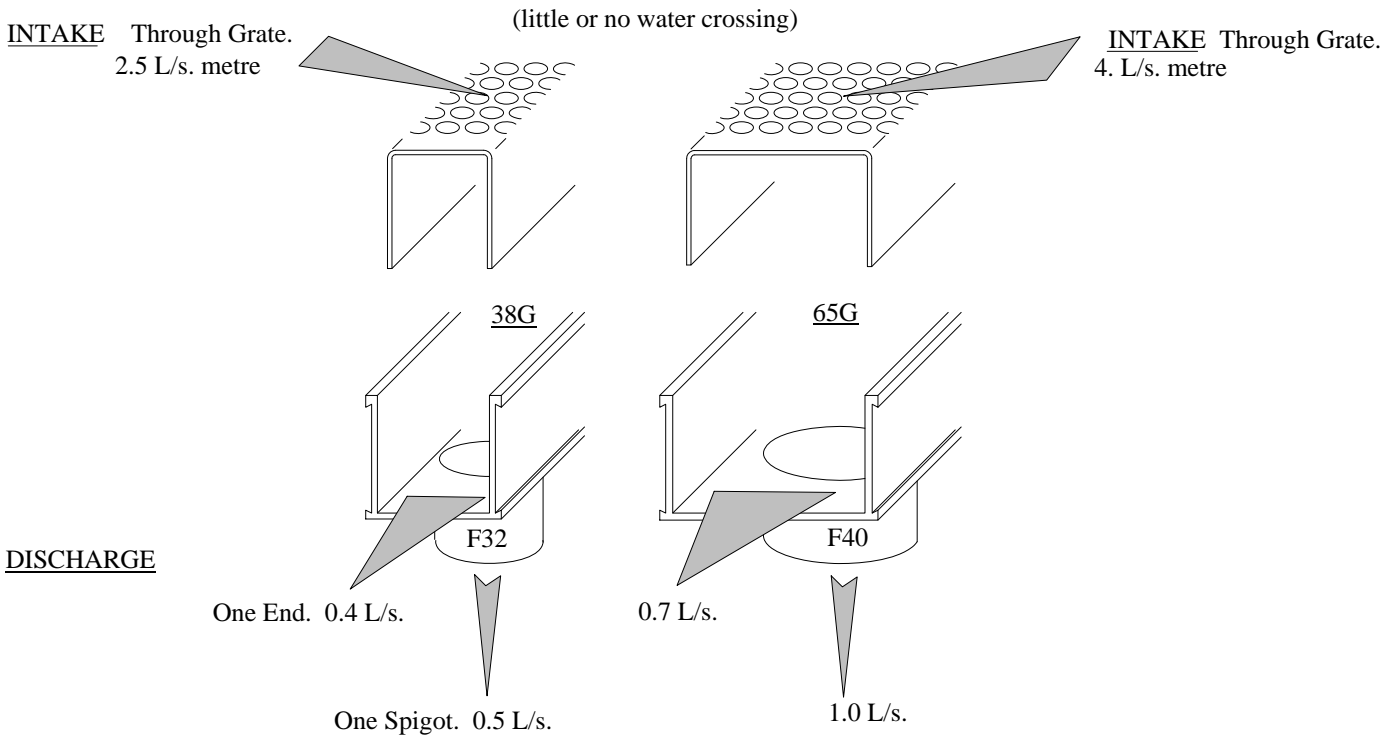


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Architectural grates & drains

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HYDRAULIC GUIDE



Drain Pipes (with 1% fall) 40mm = 0.7 L/s. 50 = 1.5 65 = 2.5 90 = 6 100 = 10 150 = 30. L/s. discharge.

$\frac{\text{AREA}}{3600} \times \text{RAINFALL} = \text{L/s.}$ eg. $\frac{18\text{m}^2}{3600} \times 200\text{mm/hr.} = 1 \text{ L/s.}$

One Bathroom Tap delivers 0.3 L/s.

Brisbane 20 year = 239mm/hr. 100 year = 312mm/hr. rainfall.
 Sydney " = 212 " " = 277 "
 Melbourne " = 91 " " = 117 "

NOTE This is only a guide.