

PlantCare Guide to Interior Trees



Large indoor trees are a great way to create eye-catching statements. Internal trees help to improve and soften the aesthetics of large open spaces such as atriums, interior street scenes or office areas.

Here at PlantCare we have installed a large number of large interior trees throughout the years including those at Southmead Hospital in Bristol.

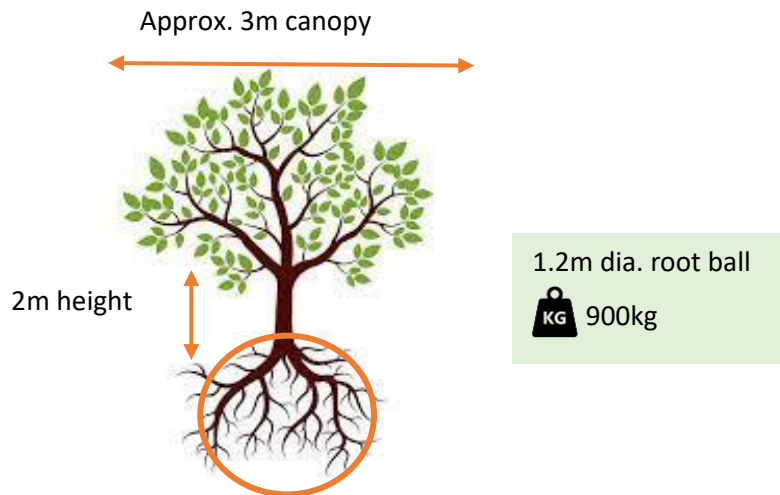


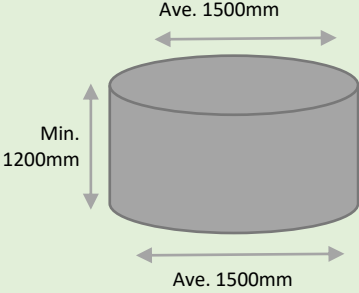


Large trees can be an expensive investment cost so it is very important to ensure that the tree pits/ tree planters, temperature and light-levels are correct before installing the trees, so that they have an excellent chance to thrive and mature. We have combined our knowledge to create the below guide to give your trees their best chance!

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Large Trees – 6-8m tall

A 6-8m tree will have a minimum 2m clear stem and canopy width of approximately 3m. Its approximate root ball size will be 1.2m diameter with a total weight of approximately 900kg.

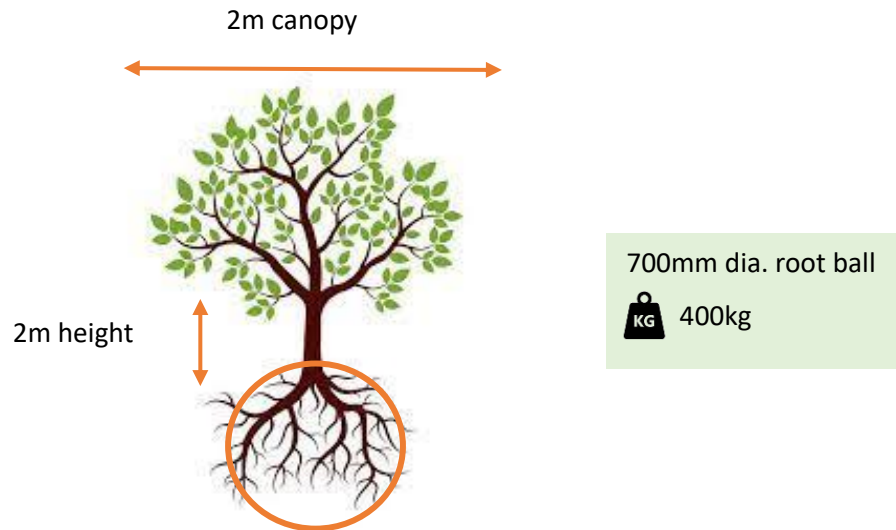


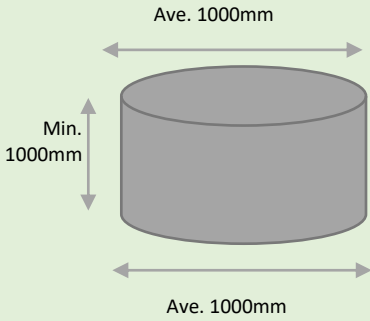


Planter Specification:	Light Level Specification:	Temperature Specification:
 <p>The planter size for this type of tree would need to be in the region of 1.5m diameter x 1.2m deep.</p>	 <p>800-1500 lux</p> <p>The lux level in the atrium needs to be between 800 – 1500 lux. Clearly there will be seasonal change which the trees will tolerate, but the lux should not fall below 800 lux for any prolonged period of time.</p>	 <p>Min 17°C – max. 25°C</p> <p>The temperature range required is minimum of 17 degrees Celsius and a maximum of 25 degrees Celsius.</p>

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Medium Trees – 4-5m tall

A 4-5m tree will have a 2m clear stem and canopy width of 2m. Its approximate root ball size will be 700mm diameter with a total weight of approximately 400kg.

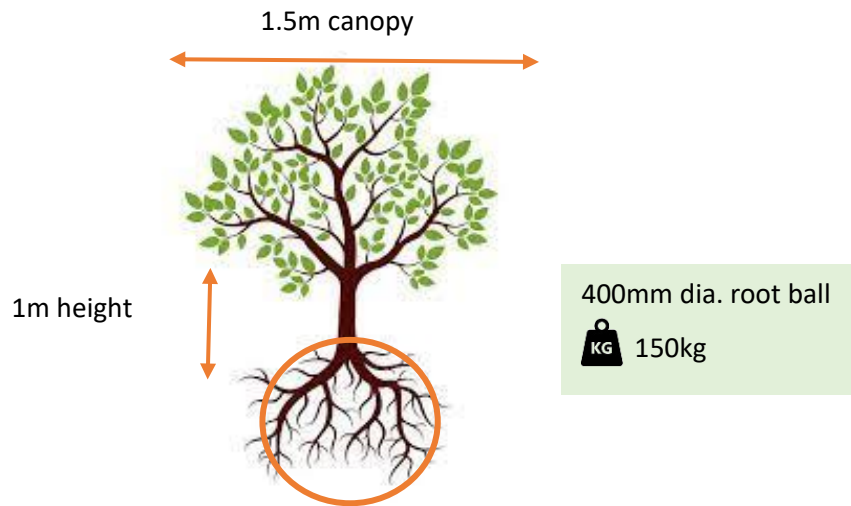


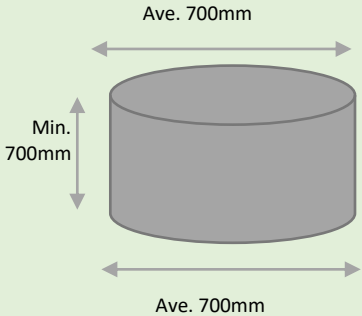


Planter Specification:	Light Level Specification:	Temperature Specification:
 <p>The planter size for this type of tree would need to be in the region of 1m diameter x 1m deep.</p>	 <p>800-1500 lux</p> <p>The lux level in the atrium needs to be between 800 – 1500 lux. Clearly there will be seasonal change which the trees will tolerate, but the lux should not fall below 800 lux for any prolonged period of time.</p>	 <p>Min 17°C – max. 25°C</p> <p>The temperature range required is minimum of 17 degrees Celsius and a maximum of 25 degrees Celsius.</p>

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Small Trees – 2-3m tall

A 2-3m tree will have a 1m clear stem and canopy width of approximately 1.5m. Its approximate root ball size will be 400mm diameter with a total weight of approximately 150kg.



Planter Specification:	Light Level Specification:	Temperature Specification:
 <p>The planter size for this type of tree would need to be in the region of 0.7m diameter x 0.7m deep.</p>	 <p>800-1500 lux</p> <p>The lux level in the atrium needs to be between 800 – 1500 lux. Clearly there will be seasonal change which the trees will tolerate, but the lux should not fall below 800 lux for any prolonged period of time.</p>	 <p>Min 17°C – max. 25°C</p> <p>The temperature range required is minimum of 17 degrees Celsius and a maximum of 25 degrees Celsius.</p>