

How Trees Cool Your Block

Dragonetti Tree Removal | New York City

The cooling power of a healthy tree, in plain terms

1 **Trees sweat through their leaves**

Pores called stomata release water vapour, and evaporation carries heat away, the same way sweat cools your skin.

2 **A big tree moves a lot of water**

A mature tree can transpire hundreds of litres on a hot day, and most of the water it drinks goes to cooling, not growth.

3 **Shaded streets run cooler**

Canopy blocks sunlight from pavement and adds evaporative cooling on top, fighting the urban heat island.

4 **Stressed trees cool less**

Drought, compacted soil, and cut roots make a tree close its pores and cool far below its potential.

5 **Maintenance protects the benefit**

Pruning and assessment keep the canopy full and safe, so the tree keeps cooling your property for years.

Dragonetti Tree Removal keeps New York canopies healthy and safe. Book an assessment at

dragonettitreeremoval.com/request-a-quote/