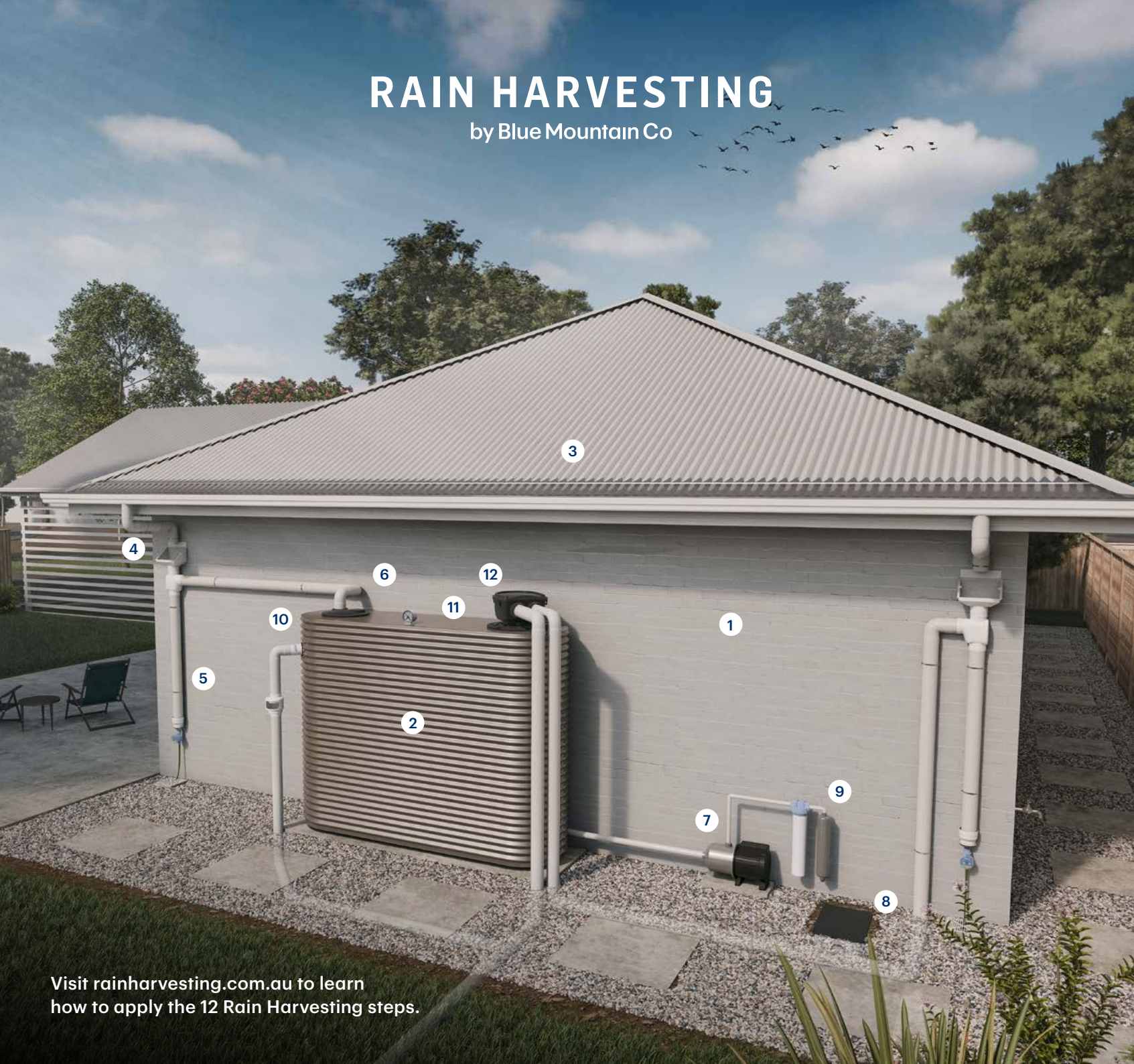


RAIN HARVESTING

by Blue Mountain Co



Apply the 12 Rain Harvesting Steps

- 1 Understand your rainwater needs**
 - Calculate how much rainwater you need and how you're going to use it
 - Determine your average rainfall amounts in your environment
- 2 Store your rainwater**
 - Choose the best storage vessel that has the volume for your needs
 - Decide on the best location based on proximity to collection area and any inhibiting factors
- 3 Assess your rainwater collection area**
 - Audit and prepare your property, factoring in roof surface materials, overhanging trees and vegetation, gutters and flaking paint
 - Replace hazardous building materials, control pests, install gutter mesh to minimise blockages
- 4 Clean your rainwater: Filter leaves and debris**
 - Keep large pieces of matter like leaves and debris out of your system by installing Leaf Eater rain heads and Maelstrom filters
- 5 Clean your rainwater: Divert the First Flush of rainwater**
 - Keep smaller pieces of fine sediment and dissolved solids out of your system by installing a First Flush Diverter
- 6 Secure your rainwater system**
 - Keep animals, insects and sunlight out with tank screens and insect proof screens.
 - Prevent stormwater and groundwater backflow with an Air Gap
- 7 Decide on a pump or gravity fed system**
 - Research and talk to specialists to find the ideal way to draw water from your tank
- 8 Manage standing water**
 - Regularly drain wet systems to prevent anaerobic fermentation, sediment resuspension and to let your tank breathe
 - Block sunlight with a solar shield to prevent algae growth
- 9 Final stage rainwater filtration**
 - Decide how much filtration your tank water needs for your uses
 - Remove tannins and colour for use in laundry
 - Filter as much as possible if used for drinking
- 10 Optimise your overflow**
 - Ensure that you're plumbed into a stormwater main and have an Air Gap
 - Ensure that your outlet is equal to your inlet
- 11 Monitor your water level**
 - Keep track of your tank levels, inflows and outflows
 - Keep a record of data over time
- 12 Care for your system**
 - Regularly check for leaks, holes for pests to enter or build up of contaminants
 - Use a pressure cleaner to clean your system
 - Upgrade any parts of your system as required

Visit rainharvesting.com.au to learn how to apply the 12 Rain Harvesting steps.