

WATERGARDEN INFORMATION

STEP TWO

CHOOSING YOUR WATERFALL, FOUNTAIN OR FEATURE PIECE



All ponds need water movement. As well as creating the desired aesthetic effect, water movement is essential for providing oxygen.

WATERFALL SELECTION

Waterfalls give a pleasant visual effect and provide the soothing water noise. For each 10mm of stream/waterfall width you need 100 litres per hour of water.

Record the required flow _____ l/h

Record the head (height of the waterfall from pond level) _____ m

FOUNTAIN SELECTION

Fountain nozzles are a pleasant feature within a pond. Many pond owners prefer this to a waterfall as a means of creating interest and oxygen to the water. Remember fountain sprays can be easily effected by wind, also pumps for fountain nozzles need to have a foam prefilter. The flow for the typical nozzle in the average pond is 1000 litres per hour.

Record the required flow _____ l/h

Record the head (height) of spray _____ m

WATER FEATURE SELECTION

Water features come in numerous sizes and types. The possibilities are immense; spheres, columns, tiered fountains and water panels. The required flow will vary for every different water feature. Spitters need approx 600 litres per hour and larger feature pieces approx 1000/2000 litres per hour.

Record the required flow _____ l/h

Record the head (height) from water level _____ m

CALCULATION REQUIRED FLOW/HEAD

Where two or three different features are to be operating in the one pond, the required flow of all features is added together.

Record the head (height) of the tallest feature.

Record the total required flow _____ l/h

Record head (height) _____ m

