

## REED BED

A reed bed is a natural filtration process used in conjunction with a BioDisc Treatment Plant to further enhance the quality of effluent migrating into surrounding watercourse. A reed bed is only required when local water authorities request a better quality of effluent than that discharged from the standard unit.



### TECHNICAL INFORMATION

#### DESIGN

Pre-fabricated to take out the guess work

Modular system comprising of individual beds:

6 Population = 2 beds and

12 Population = 4 beds

One piece GRP moulding installed flush to the ground

Reeds and GRP beds supplied. Washed pea gravel, 'growing' media by others (not included).

Provides rooting zone depth of 600mm (required by Phragmites Australis).

Modules designed with a hydraulic gradient across the length of the units.

Adjustable outlet weir allows water level control

Product Code	Population Equivalent	Length (mm)	Width (mm)	Depth (mm)	No Required	Outlet Size (mm)
HBR006	6	2500	800	800	2	110
HBR012	12	2500	800	800	4	110

## OVERVIEW

## FEATURES AND BENEFITS

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Very low maintenance

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Easy to install and maintain

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Tertiary treatment for new applications with tight discharge consents

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Satisfies new building regulations

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Improved effluent quality for existing works

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Aesthetically pleasing and environmentally friendly

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Significantly improves discharge after a treatment plan, making it kinder for the environment

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Tested and approved to EN 12566-3 in conjunction with BioDisc

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