

Rainwater First Flush Diverter

BACFREE® first flush diverter is easy for installation and customization. Our first flush diverters play an essential role in protecting your rainwater quality. By isolating the first flush of contaminant-laden water from your roof, they keep organic and inorganic fine particles out of the rainwater you harvest so you can enjoy the benefits of cleaner rainwater.

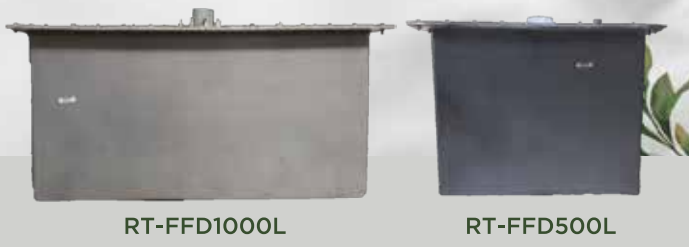
How it work?

First flush diverters are installed after the rainwater fine filter / filter collector. They utilize a dependable ball and seat system. As the water level rises in the diverter chamber, the ball floats and, once the chamber is full, the ball rests on a seat inside the diverter chamber, preventing any further water from entering. The subsequent flow of water is then automatically directed along the pipe system to the tank.

Features

- ✓ **Minimize suspended and dissolved organic and inorganic fine particles from entering your tank.**
- ✓ **Reduce sediment build-up in your tank and sediment load on your post-tank pumps and filtration systems.**
- ✓ **Diversion volume easily custom built through use of standard pipes.**
- ✓ **Automatic reset valve drains after rainfall events.**

Commercial | Industrial | Residential - high rise



RT-FFD1000L

RT-FFD500L

Residential - landed



RFFWD100

Underground PVC



Specification and Dimensions

Model	Width (mm)	Length (mm)	Height (mm)	Capacity
RT-FFD1000L	700	1,400	1,100	1,000L
RT-FFD500L	750	1,200	600	500L
RFFWD100	Ø 100	-	600 (Customized)*	5L (Customized)*
Underground PVC	Ø 200	6,366 (Customized)*	-	200L (Customized)*

*Note: RFFWD100 & Underground PVC could be customized on capacity subject to site requirement

