



# PENGUIN HYGIENIC



Max Pressure  
10bar (128psi)



Suitable for  
water filtration use only



Min Temperature  
1°C (34°F)












Max Temperature  
49°C (120°F)



Max Vacuum(Neg Pressure)  
127mm Hg (5" Hg)



## PENGUIN HYGIENIC 1044 OUTDOOR SAND MASTER FILTER

-  No electricity required
-  Ideal for domestic / Industrial / Restaurant use
-  Easy and fast installation
-  Space saving
-  Economical and convenience
-  Low maintenance fee
-  Multi stage filtration
-  Reverse backwash system
-  Extend the lifespan of various water utensil and water heater

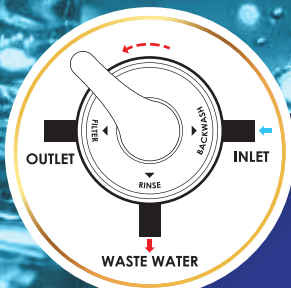




# 1044 OUTDOOR SAND MASTER FILTER SPECIFICATION

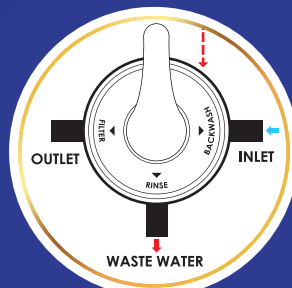
PENGUIN HYGIENIC	Total Height	Tank Height	Tank Diameter	Valve Size	Media Capacity	Overall Weight	Min Working Pressure	Max Working Pressure	Flow Rate
FRB 1044	50 Inch / 1250mm	44 Inch / 1100mm	10 Inch / 250 mm	1 Inch / 3/4 Inch	40 kg	45 kg	25 psi	128 psi	33 Lpm
Stainless steel 1044	46 Inch / 1170mm	42 Inch / 1050mm	10 Inch / 225 mm	10 Inch / 3/4 Inch	40 kg	48 kg	25 psi	120 psi	33 Lpm

## BACKWASH INSTRUCTION GUIDE



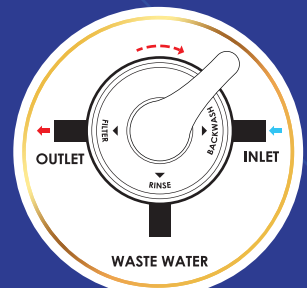
### Backwash

Turn the MPV handle from "Filter" mode to "Backwash" mode and let the sediment flow out until it appears clean.



### Rinse

Turn the MPV handle from "Backwash" mode to "Rinse" mode to ensure the filtration water is clean. Rinse the water flow out for 3 seconds to 3 minutes.



### Filter

Turn the MPV handle to "Filter" mode for normal filtration.



## FILTER MEDIA

### Anthracite

While trapping the sediments, being the primary function of the carbon, it leaves 10% to 25% the chlorine in the water to give bacteria-static benefit to the water in the water tank.

### Zeolite

It is a naturally occurring mineral rock, formed when mineral-rich underground water deposits crystals. Its porous crystalline structure provides advanced filtration properties and possesses a unique capacity to absorb ammonia and various ionic species (Metal ions, calcium, magnesium etc).

### Fine Gravel

Removes dirt and prevent diseases such as typhoid, cholera and amoneba.

### Fine Sand

Further trapping of very fine sediment at the surface of fine silica sand.

### Coarse gravel

To balance the pH and increase oxygen content and restoration of water quality.

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