

How to use first need water purifier

The First Need Deluxe water purifier is one of the few filters on the market today that filters down to 2 microns. This means that it filters out all viruses, crypto, and protozoa without the need for additional purification tablets like Chlorine Dioxide. The only downside to this filter is that it weighs 15 oz, which is heavy for you ultralight backpackers. Besides that, this filter is just exceptional. The filter itself is a glass matrix and will last for 200 gallons or more.

Check the specs on your existing filter. Chances are that it is only capturing beasties that are larger than 3 microns. If this is the case, you need to rethink your filtering strategy and add a purification step using Chlorine. While drinkable,

chlorinated water tastes chlorinated and kind of ruins that backcountry experience.

The First Need has a very long hose as you can see in the picture above. This makes it easy to pump from streams that have rocky banks. The tip contains a fine mesh screen, called a pre-filter, that screens out suspended solids. A first need pouch can be used to carry the filter or as a water bag for gravity based filtering. Normally, I leave this bag at home and just carry the filter in one of the mesh pockets on the outside of my pack where it can drip dry.

Water is pushed through the filter by pumping the handle. It is possible to backwash the filter in order to clear the glass matrix if it becomes clogged. There are a variety of extra attachments that you can add to the outflow point of the filter that let you carry it to CamelBak and Platypus hydration reservoirs, or Nalgene bottles.



Bali Post/Wawan

World Kids Museum give water tanks to the refugee in Rendang, Karangasem

NPO World Kids Museum goes to Rendang

Giving donation and held fun games

AMLAPURA - Japan World Kids Museum handed over donations to refugee post in UPDT Farming Department in Rendang Village, Karangasem on Thursday, December 28. The donation was received by the Coordinator of Logistic I Wayan Sudiarta.

NPO World Kids Museum is a NPO who work on culture and arts promotion in Indonesia and International goodwill since 2011.

The Head of Operation of the World Kids Museum Tomomi Sakura Ijuin and Sushi Owaki stated that the donation consist of two water tank plus ready to drink. In addition

to that, they also donated 70 water purifying devices in Karangasem from the total 140 donated by the company. "The donation is from 100 companies and people from Japan. We will spread the donations to other refugee places," Sakura said.

She hopes that the donations can help the refugee of Mount Agung. "We hope that the donations will help them and also can give them happiness during the disaster condition," she explained. In the occasion, she also took the children in the refugee place to join a drawing game. They are very enthusiastic in joining the event. "As you can see, they are very

happy. We are doing a special Japanese game called FukuWarai. It is a game to create happiness dan smile for the children," Sakura said.

The Head of Logistic, I Wayan Sudiarta express his gratitude to World Kids Museum for their donations. He stated that it is very helpful for the refugee. "We only can say thank you because it is very important to us. We need the water very much so it is very helpful," he said.

Approximately, more than 40.000 people have fled due to the eruption of Mount Agung. Now, there is 2,000 refugees are staying in UPDT Farming Department in Rendang.

GATEWAY.inc/OUME KEIYU HOSPITAL/Junji Matsui/Hiroshi Matsuda/Miyuki Yamamoto/Tsuyoshi Higuchi/Hideaki Sato/Keiko Hirai/Hiroshi Toribuchi/Hanasaka G3Z/Ryo Tagaya/Hiroaki Kitamura/Atsushi Yamada/Hiroaki Suetsugu/Makie Sonoyama/Sumiko Okawa/Yoko Mochizuki/Masashi Sonobe/Yoshio Koiwai/Shigeki Morii/Masahiro Sakanishi/Hisaki Taniguchi/Kazufumi Nagai/Norio Murata/Koumei Maruyama/Mayuka Tabata/Shin Ikesue/Yoshihiro Omura/Hiroto Harada/Tatsuo Yoshida/Yukari Suzuki/Harumi Tsukamoto/Fumihiko Aomi/Naoki Takazaki/Kazuto Takahashi/Chiaki Hikima/Takanori Yamagiwa/Keiko Pule/Satoshi Owaki/Keizo Miyamoto/Kohei Kashino/Hiromichi Nagata

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Kyoko Morita/Kenta Tamaya/Naoya Takiguchi/Yuichiro Yoshikawa/Keiichi Tsuchiya/Tomoko Yazaki/Reiko Ishio/Mayumi Yasugi/Shigeru Takahashi/Takashi Furui/Shoichiro Shiraiishi/Hiro Saito/Kumiko Hirano/Ryosei Kajiwara/Yoshihiro Nakai/Tatsuya Nakanishi/Tachito Comeda

BALI
world kids
MUSEUM

Garuda Indonesia
The Airline of Indonesia

OUME
KEYU HOSPITAL

GATEWAY

Air
port

Grand Dukes Cooperation (First Need Deluxe)
Garuda Indonesia/MOFA Japan/Klungkung
Government/Bali Post Media Group/
PT Angkasa Pura II (Ngurah Rai
International Airport)

A message to
be Brave from
Japan Kids to
Bali Kids

