

# DEFENSE ACF WATER PURIFYING FILTER

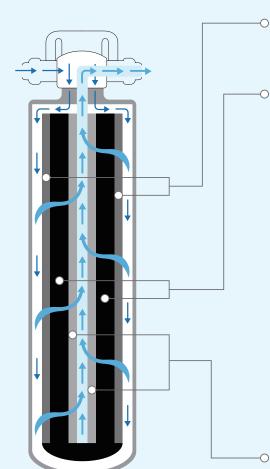
ACF filter is made of activated carbon filter and has excellent adsorption power. As nano filter, it is a functional composite filter that removes rust,microplastics,odor, harmful substances, chlorine,heavy metals, E.coli,and bacteria etc.



Model	External Size	Capacity	Flow Rate	Working Pressure	Working Temperature
NW10A-T1-ACF	390mm(H) X ∮ 90mm(D)	33,000ℓ	6~7ℓ/min	10~100psi	4~50°C



# **DEFENSE ACF WATER PURIFYING FILTER**



### 1st layer((SED)

Remove impurities such as rust, soil, and sand

### 2nd layer(ACF)

Adsorbs and removes residual chlorine, odors, heavy metals, and other contaminants

#### - What's ACF?

ACF is the abbreviation of "Activated Carbon Fibers." As porous carbon fibers with excellent adhesion capacity, ACF is made by activating fine organic fibers and developing countless fine holes in and out of the fibers.



**ACF Material** 

### - ACF Material Specification

Specific Surface Area(m²/g)	1300
Pore Size(nm)	2
Benzene absorption(%)	40
lodine absorption(mg/g)	1300
methylthonine chloride decoloration(mg/g)	210
Far Infrared Emissivity(%)	90

### → 3rd layer(MB)

bacteria and micro-floating matter removal, antibacterial action

# Born again with ACF water filter!

This new type of filtration/adhesion filter upgrades the prev filtration method based on RO(reverse osmosis). ACF filter is excellent for removing chlorine remnants in tap water. As the filter itself is carbon, there is no need for additional filters. The surface characteristic of its unique porous(pore size: 2 nano)structure maximizes adhesion capacity. Also, with no pressure loss, ACF filter can be used for a long time even in direct-coupled water supply systems. The water-purification capacity ACF filter was judged by various test results to be better than those of American or Japanese filters.

### A new type of water filter!!



**DEFENSE ACF FILTER** 

# **WATER QUALITY ANALYSIS & CERTIFICATION**

## **Water Quality Test**

### China















### Vietnam











### India





# **Water Quality Certification**

# Certification











# Patent 🔯



0





# Deodorization Test Report











