Ver: HC1408

Litree provides a wide range of water purifying solutions, including

- ☐ Municipal water treatment
- ☐ Industrial processing water treatment
- ☐ One-step solution to household water problems
- ☐ Public application, such as offices, restaurants, airports, hotels, hospitals and schools
- ☐ One-step solution to outdoor drinking
- ☐ Municipal wastewater treatment
- ☐ Industrial wastewater treatment

Headquarter

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Manufacturer

Hainan Litree Purifying Technology Co.,Ltd.
Suzhou Litree UF Membrane Technology Co.,Ltd.

Litree

Clean Water, Healthy Life

One-step Solution to Household & Public Water Problems

Litree Water Filter System

Leading Ultrafiltration Technology

The Company

Litree Enterprise is a professional hi-tech group specialized in research, development and manufacturing of ultra-filtration (UF) water purification equipments and systems.

Litree has two UF membrane production sites in Haikou and Suzhou.

In 1998, Litree first introduced the UF technology into household water purification. Since then, Litree has been focusing on developing various technology combinations featuring UF, successfully avoiding the secondary pollution during municipal water transportation.

Litree has a mature sales and service network in all the major cities in China. In addition, Litree has established subsidiaries in North America, Europe and Turkey, providing prompt technical support and service to clients around the world.

International Certifications

NSF Certification (US)

CDPH Title 22 (US)

AMST (Japan)

Litree

Household UF Water Filter

Leading Ultrafiltration Technology

Over 1,000,000 Families Choose Litree

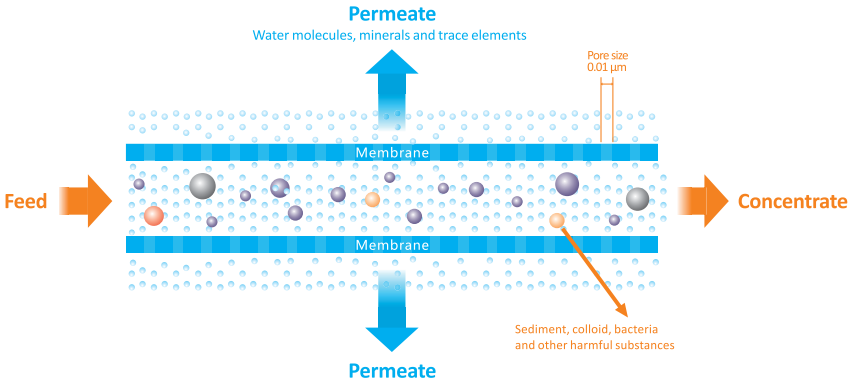
With a compact, small-footprint system, Litree UF products provide clean and fresh water available by purifying water from municipal, well and surface water sources.

Major Advantages of Litree Ultrafiltration System

- Small pore size of only 0.01 microns produces water of high quality
- Higher water flux (flow) reduces the cost of home water filtration
- Quality membrane material provides outstanding fouling resistance and extended service life
- Automatic cleaning feature increases filter lifetime

Filtration Mechanism of Litree UF Membrane

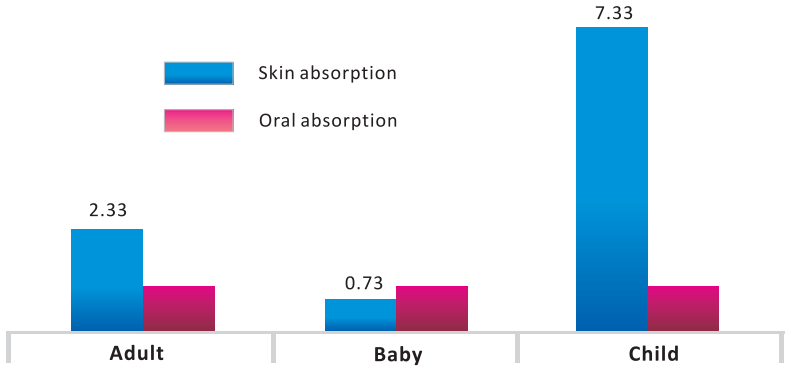
Litree membrane fiber functions as a sieve that filters out impurities, producing potable water of consistent quality.



Your Health Is More Than What You Drink

World renowned water researcher, Dr.Martin Fox, author of *Healthy Water*, pointed out that only one third of aquatic ecotoxicity absorbed by the human body comes from drinking water.

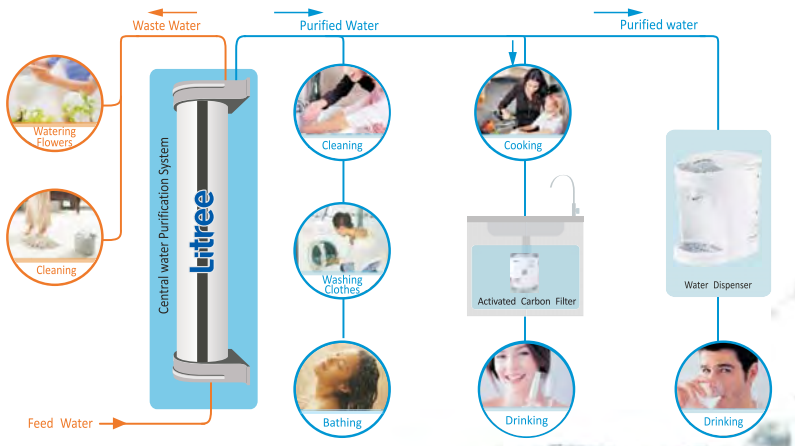
Aquatic ecotoxicity absorption based on daily activities



*Numbers are based on the ratio of skin absorption to oral absorption. Oral absorptions are normalized to 1.

Therefore, a full line of household water purification system is needed to secure your family's health. Litree central water purification system completely removes the impurities including bacteria, viruses, rust and colloid caused by secondary pollution during water transportation.

Schematic Diagram of Litree Household Water Purification System



Recommended Filter for POE

Stainless Steel Series

Model: LH3-8Dd

Capacity: 2,000 L/h
Dimensions: Ø 129 x 737 mm
For:

Model: LH3-8Gd

Capacity: 3,500 L/h
Dimensions: Ø 151 x 771 mm
For:

Model: LH3-8Hd

Capacity: 4,000 L/h
Dimensions: Ø 151 x 943 mm
For:

Model: LU3-63C

Capacity: 2,500 L/h
Dimensions: Ø 130 x 1031 mm
For:

Glass Fiber-reinforced Plastics Series

Model: LH6-2

Capacity: 1,800 L/h
Dimensions: Ø 151 x 871 mm
For:

- Working pressure 0.08 Mpa ~ 0.35 MPa
- Required temperature of feed water 5 ℃ ~ 45 ℃
- Capacity refers to the initial flux of UF permeate at 25 ˚C, 0.1 MPa

Recommended Filter for POU

Stainless Steel Series

Model: LH3

Capacity: 200 L/h
Dimensions: Ø 122 x 430 mm
For:

Model: LH3-8Ad

Capacity: 1,000 L/h
Dimensions: Ø 117 x 535 mm
For:

Model: LH3-8Cd

Capacity: 1,500 L/h
Dimensions: Ø 129 x 537 mm
For:

Model: LU3-51C

Capacity: 1,000 L/h
Dimensions: Ø 120 x 605 mm
For:

Glass Fiber-reinforced Plastics Series

Model: LH6-1

Capacity: 1,200 L/h
Dimensions: Ø 151 x 671 mm
For:

- Working pressure 0.08 MPa ~ 0.35 MPa
- Required temperature of feed water 5 ℃ ~ 45 ℃
- Capacity refers to the initial flux of UF permeate at 25 ˚C, 0.1 MPa

In specific water conditions, Litree compound filter provides a more pleasurable drinking experiense.

Duo-core Compound Filter Series: Activated Carbon(AC) + UF

Model: LU5-CU-2A

Capacity: 24 L/h
Dimensions: 240 x 100 x 350 mm

Model: LU5-CU-3A

Capacity: 36 L/h
Dimensions: 295 x 132 x 405 mm

Multi-core Compound Filter Series: UF + AC + AC + UF

Model: LU5A4-CKU-2A

Capacity: 36 L/h
Dimensions: 344 x 115 x 390 mm

Smart monitoring system automatically reminds user to replace filter element
KDF filter removes heavy metal such as lead, mercury and cadmium

Model: LU5A4-CU-2A

Capacity: 48 L/h
Dimensions: 344 x 115 x 390 mm

Coconut-shell activated carbon provides stronger adsorption

Tri-core Compound Filter Series: UF + AC + UF

Model: LU5A3-CU-2A

Capacity: 30 L/h
Dimensions: 282 x 115 x 367 mm

Coconut-shell activated carbon provides stronger adsorption

Model: LU5A3-CU-3A

Capacity: 120 L/h
Dimensions: 463 x 132 x 370 mm

High flux satisfies more needs for purified water

Reverse Osmosis Compound Filter Series

Model: LH7A-1N

Pure water capacity: 7.88 L/h
Dimensions: 463 x 132 x 370 mm
Double outlet ： UF permeate+ Pure water

Double outlets allow users to adjust for the ideal mineral content in filtered water.

Model: LU5A5-PCR-2C

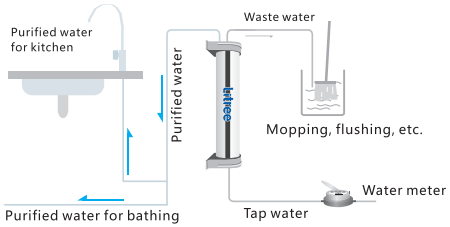
Capacity : 7.88 L/h

Dimensions: 370 x 190 x 450 mm

Combination of activated carbon, KDF and PP removes heavy metal and improves taste

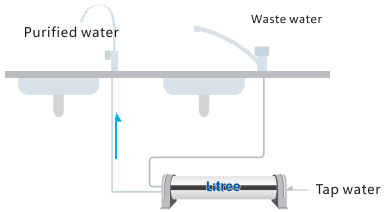
Schematic Diagrams of Litree Purification System Installation

- Schematic diagram for installing household water purification system



- Example of Litree household central water purification system

- Schematic diagram for installing kitchen water purification system



- Example of Litree household purification system in kitchen

Litree

Public UF Water Filter

Leading Ultrafiltration Technology

Recommended UF Equipment for Commercial Application

Major applications

- Deep purification of municipal water
- Rural drinking water supply
- Industrial water supply
- Waste water reuse

Features

- Litree UF technology ensures the continues supply of safe drinking water 24/7
- PLC control & high automation
- Module-based design allows flexible water supply scales and easy assembly
- Automatic online dosing ensures stable and reliable permeate water quality

System components

- UF membrane module
- Dosing backwashing maintenance module
- Self-control system
- Automatic valve
- Flow meter
- Pressure gauge

Complementary Pump Set

Features

- Litree pump set complements work in combination with Litree UF equipment. It can be used for pumping feed water, backwashing, chemical cleaning and pressurized water supply to meet the requirements of various process configurations
- Stainless water pump can start up through direct or variable speed mode
- Complementary stainless filter bag has a filtration precision of 150 μm
- The pump set uses painted carbon steel stand or SUS304 stainless stand with UPVC pipe
- On-site control panel is equipped with hand switches, remote control and overload protection features

System components

- Water pump
- Pre-treatment filter bag
- Stainless steel stand

Recommended Equipment for Commercial Application

- Eliminating secondary pollution in tap water, providing potable water with one-step filtration
- Applicable to restaurants, coffee bars, airports, small food processing facilities and offices

LU-82CX2A

Model Parameters

Model	LU-82CX2A
Fiber material	PVC alloy capillary UF membrane
Controller	Microcomputer controller
Input power	DC 12V (AC adapter provided)
Feed water	Municipal tap water
Design flux	2000 L/h
Working pressure	0.08 ~ 0.35 MPa
Water temperature	5 ~ 45 ℃
Connector size	G3/4
Dimensions	423x247x1060 mm
Net weight	37 kg

LS-UCV-200-A

Model Parameters

Model	LS-UCV-200-A
Fiber material	PVC alloy capillary UF membrane
Controller	Microcomputer controller
Input power	DC 12V (AC adapter provided)
Feed water	Municipal tap water
Design flux	200 L/h
Working pressure	0.08 ~ 0.35 MPa
Water temperature	5 ~ 45 ℃
Connector size	G1/2
Dimensions	830 x 624 x 288 mm

- Required temperature of feed water 5 ℃ ~ 45 ℃
- Capacity refers to the initial flux of UF permeate at 25 ℃, 0.1 MPa

Professional Water Purification System for Restaurants

- Food water purification
- Ice machine water purification
- Beverage water purification
- Boiling water purification

Advantages of Litree Purification System

- Thorough removal of bacteria and viruses ensures water safety
- Ice making with purified water saves time and electricity
- Boiling after purification prevents scaling
- Large output meets 24/7 water demand

Case Study

Kungfu

Feed water: Municipal water, turbidity : 1 NTU ~ 5 NTU
Major problem: Bacteria, viruses and colloid, ect.
Applied process: UF + Activated Carbon + UF
+ Backwashing pressure tank
Product water quality: turbidity < 0.2 NTU, iron < 0.01 mg/L,
no bacteria

Greenery Cafe, Dongguan

Yon ho, Shanghai

Quanjude, Beijing

Water Purification System for Hotels

- Guest room drinking water purification
- Laundry water purification
- Restaurant water purification
- Drinking water dispenser

Advantages of Litree Purification System

- Provide direct drinking water to guests
- Provide high-quality bathing water for guest rooms
- Ensure quality of water used in restaurant, kitchen and bar
- Provide purified water for laundry, swimming pool and other facilities

Case Study

Shenzhen Shangri - La Hotel

Feed water: Municipal water, turbidity : 1 NTU ~ 5 NTU
Major problem: Bacteria, viruses and colloid, ect.
Applied process: UF + Activated Carbon + UF
+ Backwashing pressure tank
Product water quality: turbidity < 0.2 NTU, iron < 0.01 mg/L,
no bacteria

Westin Hotel, Shanghai

Beijing International Hotel

Sheraton Lidou Hotel, Shenyang

Water Purification System for Aviation & Water-borne Transportation

- Direct drinking water in airport
- Steamer water supply
- Aircraft water supply

Advantages of Litree Purification System

- Provide high - quality water for plane and ship
- Provide clean direct drinking water for airport, reducing operating cost and improving service

Case Study

Haikou Meilan Airport

Feed water: Municipal water, turbidity : 1 NTU ~ 5 NTU
Goal: Drinking water supply for airport
Capacity: > 5 t/h
Major problem: Bacteria, viruses
Applied process: UF
Product water quality: Direct drinking water

Shenzhen International Airport

Shanghai International Transit Center

Anwei Shipyard, Guangzhou

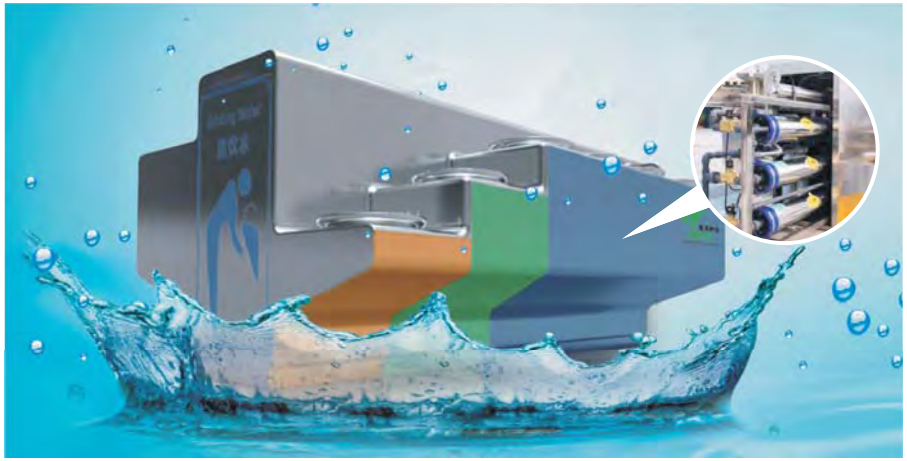
Water Purification System in Public Space

- Teaching buliding water purification
- Workshop drinking water purification
- Public place drinking water purification

Advantages of Litree Purification System in Public Space

- Replacing bottled water with high-quality purified water saves cost
- On-site drinking water purification avoids secondary pollution during water transportation

2010 Shanghai World Expo



For the first time in the Expo's history, the organizer provides visitors with free direct drinking water.
Litree brings great experience of environmental-friendly drinking, which echoes theme of the World Expo"better city, better life".
Litree produced and maintained all direct drinking water equipments for Shanghai World Expo, providing direct drinking water for 73,000,000 visitors from more than 260 countries. Litree direct drinking water equipments provided 150,000 tons of water during the 184 days of running.

NOV 1992

The first UF filter was put into use.

SEP 1998

Litree donated over USD 200,000 worth of water purification equipment and established 60 water stations to solve drinking water problems in disaster area.

JUL 2007

Litree USA R&D center was established.

OCT 2007

Litree UF membrane modules were applied to Kaohsiung Kaotan Municipal Water Plant in Taiwan. The water treatment capacity is 300,000 m^3/day.

MAY 2008

Litree donated over USD 1,500,000 worth of water purification equipment during the Wenchuan earthquake. On May 27th, Litree Love Middle School was established in Shifang City, Sichuan.

MAY 2009

Litree European (the Netherlands) sales center was established.

DEC 2009

Shandong Dongying Nanjiao Municipal Water Plant went into operation. It was the first large-scale municipal water plant that used domestically manufactured UF membrane. It was also the first project that adopted immersed PVC membrane in municipal water treatment.

MAY 2010

Litree supplied and maintained all direct drinking water equipment for Shanghai World Expo, providing direct drinking water for 73,000,000 visitors from 260 countries.

Litree direct drinking water equipment provided 150,000 tons of water during the 184 days of running.

MAY 2011

Litree Turkey sales center was established.

JAN 2013

Litree European service center was established.

NOV 2013

The latest innovation technology - PVC reinforced UF membrane was launched in Amsterdam.