



Pure Water  
in every drop, for your family.



A. O. Smith Water Purifier  
**American Technology - More than  
144 years of Experience**

A. O. Smith brings a new standard in pure water for your family, with the revolutionary RO side stream filtration technology patented in United States.

Pure water from A. O. Smith water purifier will give perfect care for your family.

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# A. O. Smith GLoBal Enviromental Products Manufacturing Engineering Facility

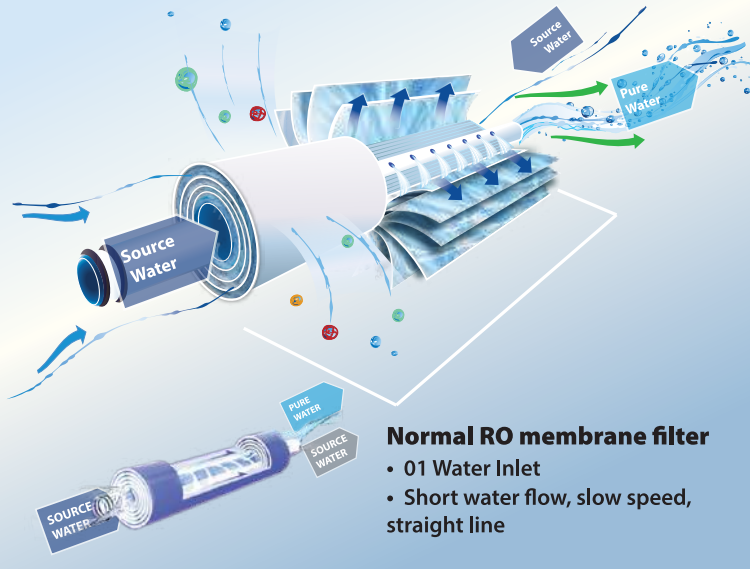


# RO-SIDE STREAM TECHNOLOGY

PATENTED IN THE UNITED STATES

**Outstanding Life**  
**1.5 Times**

- 02 Water Inlets
- Water flowing in spiral form, high speed



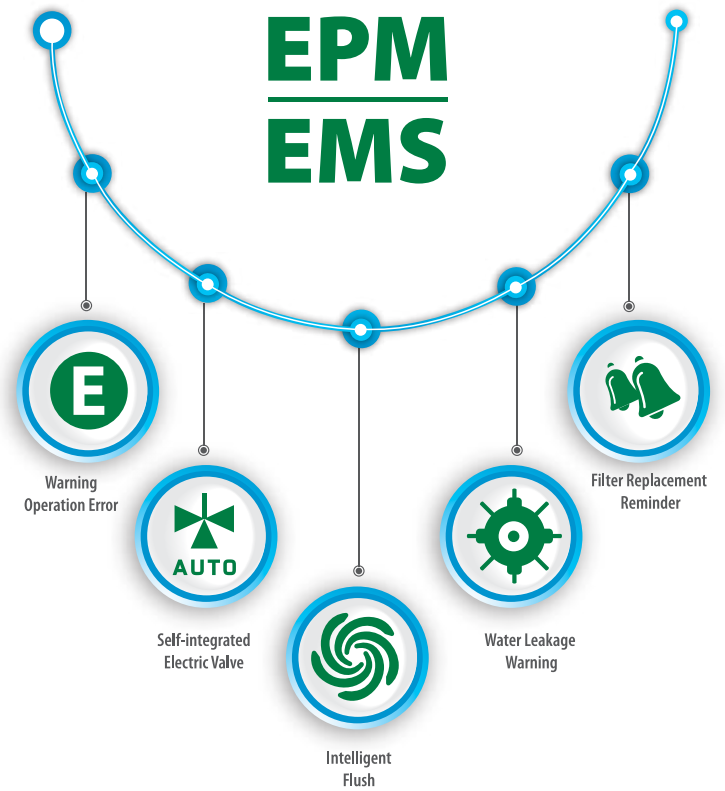
**Normal RO membrane filter**

- 01 Water Inlet
- Short water flow, slow speed, straight line

# ELECTRONIC MONITORING SYSTEM

EPM/EMS

A. O. Smith's integrated EPM / EMS electronic monitoring system will monitor and alert the condition of the water purifier to ensure that your family always has the most pure water.



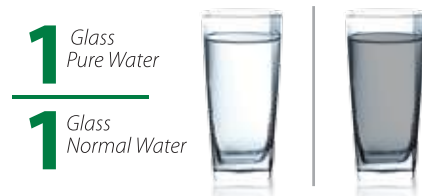
# TOTAL SAVING SOLUTION

## Pure Water Recovery Ratio



## GENERAL WATER PURIFIER

## Pure Water Recovery Ratio



**A. O. SMITH**  
**WATER PURIFIER<sup>(\*)</sup>**

(\*) Water filters are equipped with electronic monitoring and control systems

**SAVE WATER-SAVE MONEY**  
**WASTE WATER REDUCTION 56%**

# SAFETY – RELIABLE

All components of the A. O. Smith water purifier product are tested and certified by NSF / ANSI 58 and 42 NSF International.

NSF 300 PSIG A. O. Smith 350 PSIG	NSF 100,000 times A. O. Smith 160,000 times	A. O. Smith <b>230</b> components are tested safely
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Standard materials  
food consumption  
level 1

**FOOD GRADE 1**  
**EPM EMS**

EPM Electronic Control System, always gives consumers maximum reliability and safety



# INSTALLATION CONDITIONS

## A. O. Smith Water Purifiers



### Installation Location:

The installation space should be enough to put the machine



### Electricity supply:

The power supply should be located close to the installation location of about 1m



### Water Pressure Condition:

Input water needs sufficient pressure (0.1MPa - 0.35MPa), Use water pressure boosting pump when water pressure is less than 0.1Mpa or use pressure drop valve when water pressure is greater than 0.35Mpa.



### Drains:

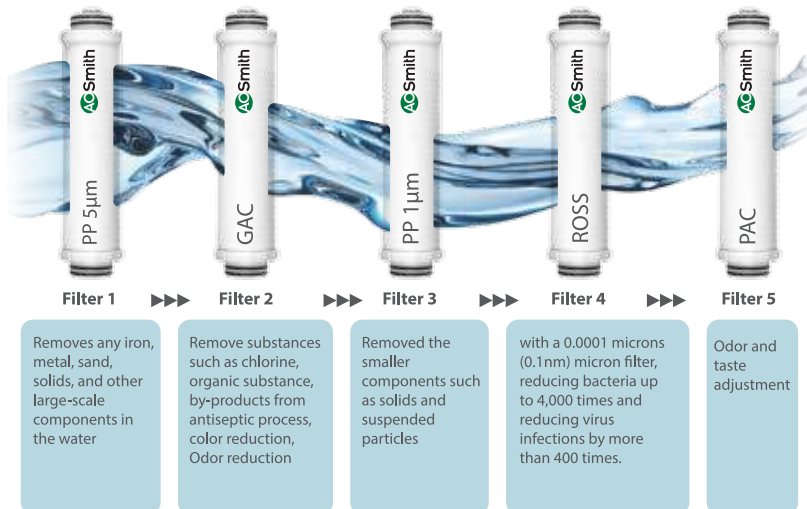
Water drainage point should be near to point of installation.



### Water supply condition:

Standard municipal water supply.

## A. O. SMITH STANDARD FILTERS STEP



The AR75-A-M-1 has a MAX 4 filter system

The AR600-U3, AR75-U2 and ADR75-V-ET-1 series have a sterilized UV lamp



A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

# A. O. SMITH PRODUCT COMPARISON TABLE

LINE MACHINE	AR600-U3	AR75-U2	AR600-C-S-1	AR75-A-S-2	AR75-A-S-1E	AR75-A-M-1	AR75-A-S-H1	ADR75-V-ET-1
<b>FEATURES</b>								
Power Filter	600GPD (94 lit/h)	75 GPD (11.8 lit/h)	600GPD (94 lit/h)	75 GPD (11.8 lit/h)	75 GPD (11.8 lit/h)	75 GPD (11.8 lit/h)	75 GPD (11.8 lit/h)	75 GPD (11.8 lit/h)
Normal Water	•	•	•	•	•	•	•	•
RO- SIDE STREAM Membrane	•	•	•	•	•	•	•	•
Automatic Wash/Cleaning	•	•	•	•	•	•	•	•
Modular filter core	•	•	•	•	•	•	•	
Dual core technology MAX 4						•		
Electronic faucet	•	•	•	•				
High-end faucet					•	•		
Filter replacement warning	•	•	•	•	•		•	•
Leakage Warning	•	•	•	•	•		•	•
UV	•	•						•
Hot Water Function							•	•
Cold water function								•
No container	•		•					



Water Purifier

A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

*Ultra-thin*  
**SLIM DESIGN**  
*Elegance*  
*Luxury for*  
*Kitchen Space*



A. O. Smith Water Purifier - American Technology - More than 144 years of Experience



A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

## AR600-U3 / AR75-U2

WATER FILTER WITH UV TECHNOLOGY  
ULTRA VIOLET



AR600-U3

AR75-U2



No container



No container



Ultra-thin Design



In-line filter



Electronic faucet



Filter Replacement Warning



Leakage warning

luxurious LED Display of Filter Status

Filter in good condition

Initial Alarm to replace filter. Time to call A. O. Smith Service center.

Immediately replace filter.



A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

*Ultra-thin design and UV lamp technology bring the most luxurious and safe water to the family.*



**UV LIGHTING TECHNOLOGY**

New generation UV lamps provide the second level of protection, which easily removes up to 99.99% of viruses, bacteria, molds and pathogenic microorganisms, providing absolute water safety for the family.

### SLIM DESIGN - COMPACT DESIGN

only 161mm, making the layout of the kitchen space extremely easy and convenient

### FILLING IN LINE

In-line filtering makes it easy and quick to disassemble, giving the user the convenience.

### ELECTRONIC FAUCETS

Elegant and comfortable, with a filter replacement warning system that is instantly visible on the hose; Ensure the water source is always clean and safe.



A. O. SMITH  
DO NOT USE  
CHEMICALS

UV light easily removes **99,99%**

viruses, bacteria, molds and pathogenic microorganisms, ensuring the purest source of water for your family.



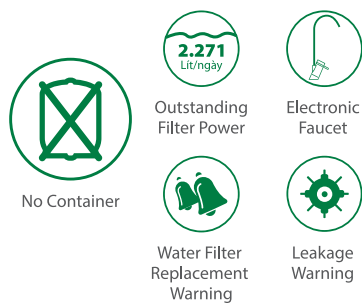
### TECHINAL SPECIFICATIONS

Product line	AR600-U3	AR75-U2
Input Voltage	AC 220V, 50~60Hz	
Capacity	124W	38W
Suitable water supply pressure	0.1 MPa ~ 0.35 MPa	
Suitable water level	5 ~ 38°C	
Capacity filter / hour	94L	11.8L
Washing method	Automatic cleaning	
Type of anti-shock	Type 1	Type 2
Water quality is appropriate	Household Tap Water	
Size of product (width x height x depth)	460x488x161(mm)	
Tank Capacity	--	9,4 L
Container size	--	335x280(mm)
5 Stages filter	PP+CB+75G side stream + PAC+UV	

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**AR600-C-S-1**  
TANKLESS WATER PURIFIER



Filter in good condition  
Initial Alarm to replace filter. Time to call A. O. Smith Service center.  
Immediately replace filter.



*The world's first home-use water purifier is designed without any container*



**NO CONTAINER**

Designed for space saving, maximizing the space used by the kitchen.

**EXCELLENT FILTER**

Design capacity is 2,271 liters / day; Meet all the needs of pure water for the family

**ELECTRONIC FAUCETS**

Elegant and comfortable, with a filter replacement warning system that is instantly visible on the hose; Ensure the water source is always clean and safe.

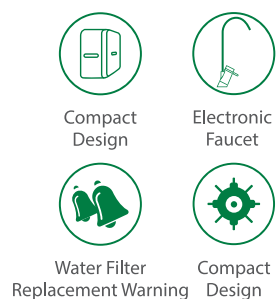


**TECHNICAL SPECIFICATIONS**

Product line	AR600-C-S-1
Function	Normal water
Input voltage	AC 220V/50~60Hz
Capacity (gross)	107W
Suitable water supply pressure	0.1MPa~0.35MPa
Supply water temperature	5~38°C
Water quality	Household tap water
Capacity filter / hour	94L
Washing method	Automatic cleaning
Protection level	Type 1
Dimensions (WxHxD) (mm)	425 x 175 x 490
Average (kg)	13
5 Stages filter	PP 5µm+ GAC+ PP1µm +75G side stream + PAC

## AR75- A- S-2

UNDER SINK WATER PURIFIER



RO replacement warnings

Filter in good condition

Initial Alarm to replace filter. Time to call A. O. Smith Service center.

Immediately replace filter.



A. O. Smith's EMS electronic surveillance system will monitor and alert the operating status of the water purifier to ensure that your family always has the most pure water.

A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

*Elegant electronic water jets, advanced iRO - EMS system combine the perfect comfort for the whole family*

### RO-SIDE STREAM

Side Stream technology (RO) is patented in the United States to improve the efficiency of use and extend the life of the core filter.

### ELECTRONIC FAUCETS

Elegant and comfortable, with a filter replacement warning system that is instantly visible on the hose; Ensure the water source is always clean and safe.

### COMPACT DESIGN

Suitable for installation under wash basins, adapted to every family.



### TECHNICAL SPECIFICATIONS

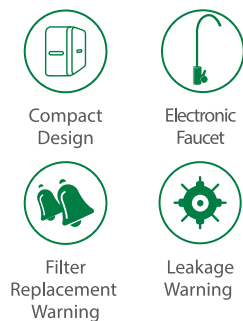
Product line	AR75-A-S-2
Function	Normal water
Input voltage	AC 220V / 50 ~ 60Hz
Capacity (gross)	25W
Suitable water supply pressure	0.1MPa ~ 0.35MPa
Supply water temperature	5 ~ 38 °C
Water quality	Household tap water
Capacity filter / hour	11.8L
Washing method	Automatic cleaning
Protection level	Type II
Dimensions (WxHxD) (mm)	260 x 410 x 420
Average (kg)	11
5 Stages filter	PP 5µm+ GAC+ PP1µm +75G side stream + PAC

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## AR75-A-S-1E

UNDER SINK WATER PURIFIER



RO replacement warnings    Filter in good condition    Filter replacement indicator    Filter core replacement indicator



A. O. Smith's EMS electronic surveillance system will monitor and alert the operating status of the water purifier to ensure that your family has the most pure water.

A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

*Compact design, flexible and convenient installation, RO membrane alarm integrated to ensure pure water*

### RO-SIDE STREAM

Side Stream technology (RO) is patented in the United States to improve the efficiency of use and extend the life of the core filter.

### ELECTRONIC FAUCETS

Elegant and comfortable, with a filter replacement warning system that is instantly visible on the hose; Ensure the water source is always clean and safe.

### COMPACT DESIGN

Suitable for installation under wash basins, adapted to every family.



### TECHNICAL SPECIFICATIONS

Product line	AR75-A-S-1E
Function	Normal water
Input voltage	AC 220V / 50 ~ 60Hz
Capacity (gross)	25W
Suitable water supply pressure	0.1MPa ~ 0.35MPa
Supply water temperature	5 ~ 38 °C
Water quality	Household tap water
Capacity filter / hour	11.8L
Washing method	Automatic cleaning
Protection level	Type II
Dimensions (WxHxD) (mm)	260 x 410 x 420
Average (kg)	11
5 Stages filter	PP 5µm+ GAC+ PP1µm +75G side stream + PAC

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## AR75-A-M-1

UNDER SINK WATER PURIFIER



Dual-core System  
Max 4



Closed  
Compact  
Design



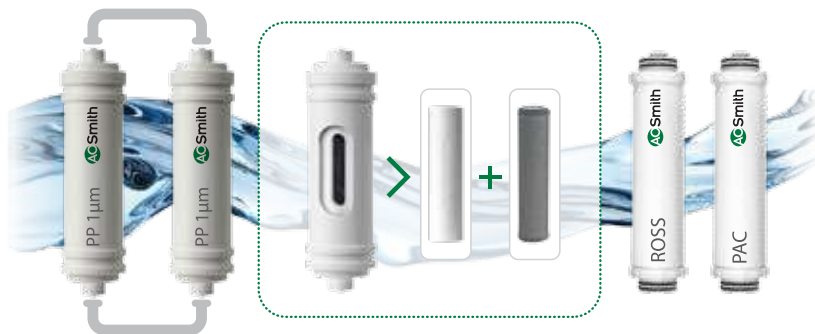
Electronic  
Faucet



Powerful  
Water Pump



Automatic  
Filter Cleaning



The parallel-coupling core is combined with the new generation of composite filters to remove dirt and toxins in the water, resulting in longer lifespan.

*The advanced  
dual-core system  
delivers superior  
longevity, cost savings  
and convenience*



### DUAL CORE SYSTEM MAX 4

- Support extends the life of the filter core
- Reduced 2 times the risk of clogged filter core
- Help products works more stable, more durable in terms of input water quality stability
- Ensure pure water for the whole family

### SAFETY MATERIAL

All materials used in the A. O. Smith water purifier meet the first-class food safety standards that help ensure your home is always clean.



### TECHNICAL SPECIFICATIONS

Product line	AR75-A-M-1
Function	Normal water
Input voltage	AC 220V / 50 ~ 60Hz
Capacity (gross)	32W
Suitable water supply pressure	0.1MPa ~ 0.35MPa
Supply water temperature	5 ~ 38 °C
Water quality	Household tap water
Capacity filter / hour	11.8L
Washing method	Automatic cleaning
Protection level	Type II
Dimensions (WxHxD) (mm)	260 x 410 x 420
Average (kg)	11
5 Stages filter	2PP in parallel+Composite(PP+CB)+75G side stream+PAC

## AR75-A-S-H1

WATER FILLING MACHINE  
COUNTER-TOP



Hot Water



Touch Screen



Child Safety Lock

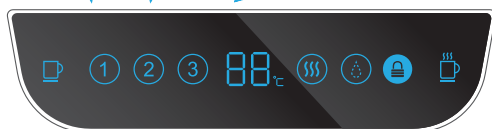


Filter Replacement Warning



Composite Filter

Filter in good condition    Filter replacement indicator    Filter core replacement indicator



A. O. Smith's integrated EMS (Electronic Monitoring System) will monitor and alert the operating status of the water purifier to ensure that your family have the most pure water.



*Compact design.  
Modern touch technology.  
Diverse water sources.  
For a living space neat & comfortable*



### HOT WATER

More comfortable with the hot water functions typically found in A. O. Smith's water purifier, which help meet the needs of pure water, whether home or office.

### TOUCH SCREEN

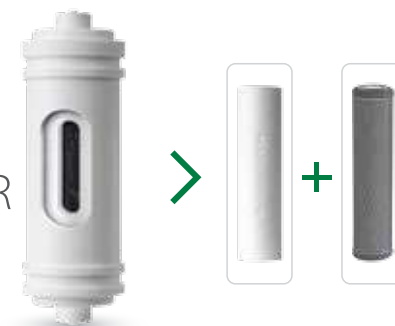
Touch screen makes machine operation easy and convenient.

### CHILD LOCK

Children are always safe with A. O. Smith water filters even when there are no adults next door.



## FLEXIBLE COMPOSITE FILTER



The 2-in-1 composite double filter composite core is made of PP filter and activated carbon monolithic, for absorbing vigorously and effectively removing pollutants present in the water.

### TECHNICAL SPECIFICATIONS

Product Line	AR75-A-S-H1
Function	Hot water
Input voltage	AC 220V/50~60Hz
Capacity (gross)	600W
Suitable water pressure	0.1MPa~0.35MPa
Supply water temperature	5~38°C
Water quality	Household tap water
Capacity filter / hour	11.8L
Washing method	Automatic cleaning
Protection level	Type I
Dimensions (WxHxD) (mm)	260 x 420 x 446
Weight(kg)	11.5
Capacity of hot water tank	1.2L
Capacity of water tank usually	4.4L
5 Stages filter	Composite(PP+CB)+75G side stream + PAC



## ADR75-V-ET-1

VERTICAL WATER PURIFIER MACHINE  
FLOOR-STANDING



UV light  
disinfection



Hot / Cold water



Filter  
Replacement  
Warning



Child Safety  
Lock



Automatic  
Filter Cleaning



Filter in good  
condition

Filter replacement  
indicator

Filter core  
replacement  
indicator

A. O. Smith's dedicated electronics connected to a USB water purifier will check, analyze and evaluate the operation of the machine, filter and error messages (if any) to ensure you and your family always have the purest source of water.

A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

Compact design with  
outstanding technology  
integrated on the product  
that bring comfort & luxury.



**UV CURING  
TECHNOLOGY**

UV disinfection technology in the tank helps to keep water always in purest condition.

### HOT - COLD

More comfortable with the hot and cold water - often integrated in A. O. Smith's water purifier, which helps meet the needs of pure water, whether home or office.

### CHILD LOCK

Children are always safe with A. O. Smith water filters even when there are no adults next door.



## TECHNICAL SPECIFICATIONS

Product Line	ADR75-V-ET-1
Function	Normal Water-Hot-Cold
Input voltage	AC 220V/50~60Hz
Capacity (gross)	630W
Hot Water Capacity	500W
Cold Water Capacity	85W
Tank Capacity	7L/2L/2L
Supply Water Pressure	0.1MPa~0.35MPa
Supply Water Temperature	5~38 °C
Water Quality	House Hold Tap Water
Capacity Filter/Hour	11.8L
Washing Method	Automatic Cleaning
Protection Level	Type 1
Dimensions (WxHxD) (mm)	380 x 420 x 1220
Weight(kg)	38
5 Stages filter	PP 5µm+ GAC+ PP1µm +75G side stream + PAC+UV

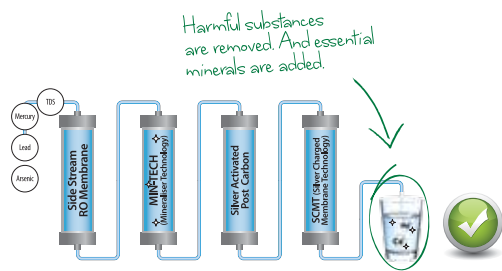
A. O. Smith Water Purifier - American Technology - More than 144 years of Experience

# A6 PURIFIER 100% RO Zero Compromise

Protect your family's health with advanced technology that gives you 100% RO water.



## IN A. O. SMITH WATER PURIFIERS 100% RO + MINERALS + SCMT



**LARGE STORAGE**



**ONE TOUCH DISPENSING**



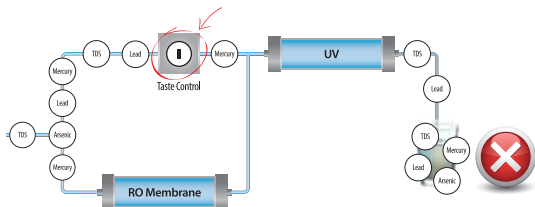
**WATER LEVEL INDICATOR**



**CONVENIENT DRIP TRAY**

## IN ORDINARY RO + UV PURIFIERS

Water bypassing the RO membrane can contain harmful substances like TDS, lead, arsenic, fluoride, pesticides and other chemicals.



Compact design.  
Modern touch technology.  
Diverse water sources.  
For a living space neat & comfortable



## THE 7 STAGES OF PURIFICATION

### PRE-FILTER

The process starts with the advanced pre-filter which removes sediment and other particulate matter.

### SEDIMENT FILTER

The second filtration ensures removal of even very fine sediment and particulate matter. This increases the life of the RO membrane and other filters resulting in low maintenance costs.

### PRE-CARBON FILTER

The Pre-Carbon Filter removes unpleasant colour, taste, odour and also removes chlorine from water. So, the water you get is not only healthy, it tastes good too.

### PATENTED SIDE STREAM RO MEMBRANE

The patented Side Stream RO Membrane is the heart of your water purifier. It removes bacteria, viruses and cysts; heavy metals – like lead, mercury and arsenic; and toxic chemicals dissolved in water – like pesticides and fluorides.

### MIN-TECH (MINERALISER TECHNOLOGY)

The MIN-TECH (Mineraliser Technology) adds essential minerals to the water. This ensures that the water tastes fresh and natural and has balanced pH – an essential requirement for drinking water.

### SILVER ACTIVATED POST CARBON

The activated post carbon removes odour and improves the taste of water and it acts as a polisher. Silver impregnation in the carbon media inhibits microbial growth.

### SCMT (SILVER CHARGED MEMBRANE TECHNOLOGY)

SCMT is an additional stage of purification to prevent any potential secondary microbial contamination post RO purification. Double protection ensures purified and healthy water.

## TECHNICAL SPECIFICATIONS

Product Line	A6
Product Dimensions (H x D x W)	482 mm x 369 mm x 326 mm
Net weight	10.8 kgs (approx.)
Gross weight	15.2 kgs (approx.)
Flow rate*	Up to 15 litres per hour
Storage tank capacity	9.2 litres (approx.)
Storage tank capacity (Hot tank)	0.8 litres (approx.)
Purification technology	RO + SCMT
7 Stage Purifying Technology	PF + SF + PCF + SSRO + MIN-TECH + SAPC & SCMT filter
Hot water temperature	80°C ± 5°C
Input voltage range	150 – 300 VAC, 50 Hz
Power rating (Max.)	60 Watts
Pressure Rating***	7 psi to 30 psi
% Recovery**	Up to 30%
TDS reduction**	≥95% (approx.)
Heating element wattage	500 Watts @ 230 VAC

## A1 PURIFIER

# HOT WATER UV TECHNOLOGY



The UV is a proven disinfection technology used in water purification which delivers microbiologically safe water.



Advanced  
UV purification



UV purified  
Hot Water



UV life alert  
indicator

## A RAY OF PURITY.

The A1 uses advanced ultraviolet technology to purify your water. UV is a proven non-chemical disinfectant technology that uses UV rays to penetrate bacterial cell walls and destroy them. UV technology is effective on water with low TDS levels.



### YOUR BENEFITS WITH HOT UV A1 WATER PURIFIER



#### PURITY THROUGH UV PURIFICATION

**UV TECHNOLOGY:** In A. O. Smith **A1** water purifier water passes through Pre-filter + Sediment filter + Silver Activated Post Carbon + UV Lamp + UFSS (For Hot water only).



#### ADVANCED UV LAMP (ULTRA VIOLET LAMP)

UV is a proven Non-chemical, disinfectant technology to give you healthy water. Suitable for water with low TDS.



#### HOT WATER AT A PRESS OF BUTTON

UV purified with choice of 45°C and 80°C temperature settings.



#### INDIA'S FIRST UV WITH NIGHT ASSIST

Glow effect guides you to your water purifier at night and makes your kitchen look good.



#### UV LIFE ALERT

Indicates when the UV Lamp needs to be changed.



#### ADVANCED PRE-FILTER & SEDIMENT FILTER

For effective removal of suspended solids and sediment from water.

### TECHNICAL SPECIFICATIONS

Product Line	A1
Product Dimensions (H x D x W)	482 mm x 369 mm x 326 mm
Net weight	7.65 kgs (approx.)
Gross weight	11.70 kgs (approx.)
Storage tank capacity	9.2 litres (approx.)
Purification technology	UV Technology
5 Stage Purifying Technology	Pre-filter + Sediment filter + Silver Activated Post Carbon + UV Lamp + UFSS filter
Input voltage	150 – 300 VAC, 50 Hz
Power rating (Max.)	36 Watts
Pressure Rating	5 psi to 30 psi
Heating element wattage	500 Watts @ 230 VAC
UV Lamp Power Rating	11 Watts
Hot water temperature	90°C ± 5°C



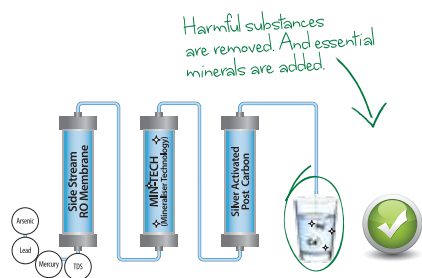
## X3+ PURIFIER

The power of six | **6** stages of RO purification

Fresh and Natural Mineralised water

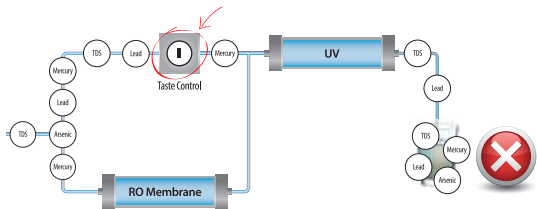


IN A. O. SMITH WATER PURIFIERS  
100% RO + MINERALS + MIN-TECH



IN ORDINARY RO + UV PURIFIERS

Water bypassing the RO membrane can contain harmful substances like TDS, lead, arsenic, fluoride, pesticides and other chemicals.



### Digital Display (X3+)

The display on your A. O. Smith RO water purifier provides useful information like power mode, tank full, filter alerts and auto flush in one beautiful digital package.



### 5 litres storage tank



## Six stages of purifications. For healthy water. That also tastes fresh and natural.

Our six-stage RO purification system undoes what the world has done to water, so you get water the way it was meant to be. Fresh, clean and good for you.

### 1 Sediment Filter

The first step in our filtration process is the advanced Sediment Filter. It removes sediment and other particulate matter.

### 2 Fine Sediment Filter

The Fine Sediment Filter removes finer sediment and particulate matter. This increases the life of the RO membrane and subsequent filters, resulting in low maintenance costs.

### 3 Carbon Block

The Pre-Carbon Filter removes any unpleasant colour, taste and odour, including chlorine. It ensures that your water is healthy and tastes the way it was meant to.

### 4 Patented Side Stream Membrane

Our Side Stream RO Membrane removes bacteria, viruses, cysts, heavy metals like lead, mercury and arsenic, as well as pesticides and fluorides. The system is designed to ensure no impurity stands a chance of passing through.

### 5 Min-Tech<sup>+</sup> (<sup>+</sup> Mineraliser Technology)

Min-Tech adds essential minerals like Calcium and Magnesium back into the water. So the water you get, tastes fresh and natural with a balanced pH level.

### 6 Silver Activated Post Carbon

The Silver Activated Post Carbon filter is our 6th stage of purification. Ionized silver is a powerful antimicrobial agent. So your water runs through a silver-based filter that prevents any microbial growth.

## TECHNICAL SPECIFICATIONS

Product Line	X3+
Product Dimensions (H x D x W)	460 mm x 260 mm x 380 mm
Net Weight	8.5 kgs (approx.)
Gross Weight	10 kgs (approx.)
Flow rate*	Upto 15 litres per hour
Storage tank capacity	5 litres (approx.)
Purification technology	RO (Reverse Osmosis)
6 Stage Purifying Technology	SF + SCB filter + Carbon block+ SSRO + SCM-TECH + MIN-TECH
Operating Pressure	125 psi (Max.)
Input Voltage	150 – 300 VAC, 50 Hz
Power rating (Max)	48 Watts
Pressure Rating	5 psi to 30 psi
% Recovery	Upto 30%
TDS reduction	≥95% (approx.)
Input water temperature	5°C to 45°C



## Over a century of innovation.

A. O. Smith enjoys a rich history of achievements. A glimpse at our 144-year history reveals numerous engineering and technical achievements.



**1874**

The Smith family started a small mechanical shop in Milwaukee, North America.



**1906**

A. O. Smith was North America's largest automobile frame manufacturer.



**1936**

A. O. Smith patents the glass-lined water heater.



**1955**

Reach into the Asian market by entering two joint-ventures in China.

**1889**

The company enters the bicycle industry.



**1927**

A. O. Smith was a leading supplier of line pipe.



**1954**

The water heater division introduces the first glass-lined commercial water heater, the A. O. Smith Burkay® B-65.



**2010**

State-of-the-art plant set-up in Harohalli, Bengaluru in 2010.

