



## AMI Ultimate Mineral RO + UF + UV Home Drinking Water System Enclosed with Booster Pump



- CUSTOMIZE YOUR WATER
- PERFECT YOUR FLAVOR
- DRINK WATER YOU LOVE

AMI Ultimate Mineral RO Water Filter takes home reverse osmosis water treatment to the next level by allowing you to customize the TDS and mineral content of your water to perfect your flavor. Turn the valve clockwise to lower the TDS for high purity water, or counter-clockwise to increase mineral content and flavor. The water is then filtered with an advanced hollow fiber ultrafiltration membrane to safeguard against any harmful contaminants without removing the minerals.

### 6 STAGES OF POWERFUL FILTRATION

- **Stage 1: 5 Micron Sediment Filter** Removes Dirt, Rust, Sand, Dust, Silt, and other physical impurities from water down to 5 microns.
- **Stage 2: Carbon Block Filter for Powerful Chemical Adsorption & Flavor Enhancement** Absorbs Chlorine, Unpleasant Tastes and Odors, Chloramine, and VOCs, Other Chemical Contaminants, and Corrects Turbidity (cloudiness).
- **Stage 3: Reverse Osmosis Membrane** reduces up to 99% of the total dissolved solids (TDS) from your water including arsenic, barium, cadmium, chromium (hexavalent), chromium (trivalent), copper, turbidity, fluoride, lead, radium 226/228, and selenium, while washing the rejected contaminants down the drain.
- **Stage 4: Ultrafiltration Membrane** filters up to 99.99% of harmful contaminants to 0.02 microns while allowing essential minerals to pass into the product water.
- **Stage 5: Ultraviolet Disinfection** destroys 99.99% of waterborne pathogens (including virus, bacteria, and protozoa) in the water.
- **Stage 6: Carbon Post Filter** polishes the flavor of the water as it is dispensed from the faucet.



**APPLIED  
MEMBRANES INC.®**

Industry Leader in RO Expertise and Membrane Applications Since 1983™

www.appliedmembranes.com • sales@appliedmembranes.com • (760) 727-3711 • Vista, CA, USA





# POINT OF USE DRINKING WATER TREATMENT

## AMI Ultimate RO + UF + UV System with Booster Pump

### AMI ULTIMATE MINERAL RO + UF + UV SPECIFICATIONS

Part #	HD-81UM
Model:	AMI Ultimate
Tank Capacity:	Holds 3 Gallons
System Flow:	125 Gallons Per Day
Removes:	Sediment Chlorine & Chemicals Bad Tastes & Odors 99% of Total Dissolved Solids 99.99% of bacteria, virus, protozoa
Stages:	6
System Dimensions:	11.7"H x 16.1"L x 10.4"W
Tank Dimensions	14.5"H x 9.25" Dia.
Line & Connections:	1/4" Quick Connect
Shipping Weight & Dims:	26"x19"x16" @ 28lbs

### SYSTEM FEATURES

- RO + UF Membranes
- Ultraviolet Disinfection with Smart UV Controller
- Sediment & Carbon Prefilters, Carbon Polishing Filter
- Feed Booster Pump for Optimum Performance
- Adjustable TDS Control Valve to customize the TDS and Mineral Content of the Product Water.
- Attractive and Space-Saving Enclosure
- Designer Long-Reach Faucet
- 3 Gallon Storage Tank
- Wall-Mountable with Mounting Equipment
- Auto Shut-off Valve for Automatic Operation
- Quick-Connect Inlets & Outlets
- Complete Installation Kit Includes Feed & Drain Adapters

### SMART UV CONTROLLER



- Equipped with Flow Sensor to Dim the Lamp when Not in Use
- Saves Electricity and Extends Lamp Life
- Eliminates the "Hot Water Blast" Experienced in Traditional UV Systems.

### COCONUT SHELL CARBON



AMI Carbon filters are made with 100% carbon produced from coconut shells, a renewable and sustainable resource, offering superior chemical absorption compared to coal-based carbon filters.

### Dimensions



### Included



- AMI Ultimate Water Purifier**
- ✓ RO (Reverse Osmosis)
  - ✓ UF (Ultrafiltration)
  - ✓ UV (Ultraviolet) Disinfection
  - ✓ Carbon Filtration
  - ✓ Sediment Filtration
  - ✓ TDS Control
  - ✓ Automatic Operation
  - ✓ Wall-Mountable

### Customize Your Water

#### Adjustable TDS & Mineral Levels

Turn counter-clockwise to increase TDS & Minerals

Turn clockwise to lower TDS for higher purity water.



# APPLIED MEMBRANES INC.®

Industry Leader in RO Expertise and Membrane Applications Since 1983™

www.appliedmembranes.com • sales@appliedmembranes.com • (760) 727-3711 • Vista, CA, USA







# POINT OF USE DRINKING WATER TREATMENT

## AMI Ultimate RO + UF + UV System with Booster Pump

### REPLACEMENT FILTERS AND MEMBRANES

#### Replacement Kit Part #: RFK-HD-81UM-YEAR

1 Year Supply of Filters & Membranes - includes one complete set of filters, membranes & UV lamp needed for the yearly service, plus an additional set of pre-filters which are recommended to be changed every 6 months.

Stage	Description	Qty. in Kit	Individual Filter Part Number
1	5 Micron Sediment	2	H-F0833-43QC
2	Carbon Pre-Filter	2	H-F0832-43QC
3	RO Membrane	1	M-T1808HF-ENK
4	UF Membrane	1	M-U1808
5	UV Lamp	1	UV-L11W
6	Polishing Filter	1	H-F0834-43ST

### SPARE PARTS & COMPONENTS

Part #	Description
H-RQC018	Flow Restrictor
H-VCK058	Check Valve
H-T5000	Faucet
H-S4015ANW	Storage Tank – 3.2 Gallon
H-S4010ANW	Storage Tank – 4.4 Gallon
PPSV500822W	Tank Valve
H-VTDS034	TDS Control Valve

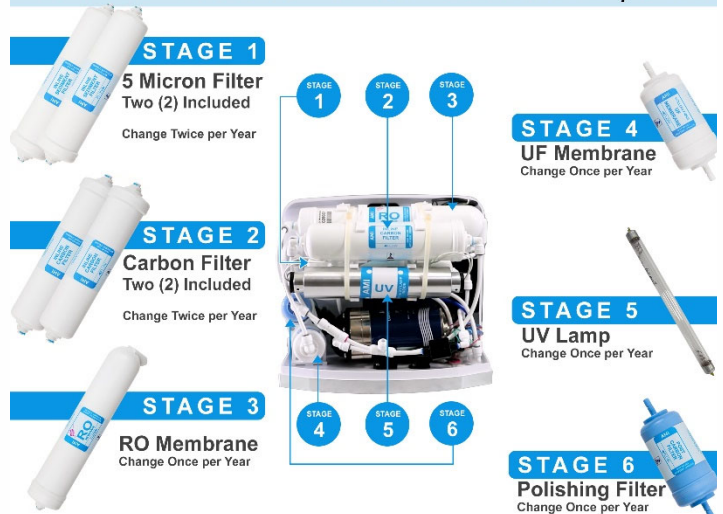
### BACKED BY AMI EXPERTISE & SUPPORT



AMI Home RO & UF Systems are designed by the largest USA membrane manufacturer, Est. 1983. AMI Home RO systems use the same proven technology trusted by major corporations world-wide, now available in your home.



### 1 Year Supply of Replacements For AMI Ultimate Water Treatment System



# APPLIED MEMBRANES INC.®

Industry Leader in RO Expertise and Membrane Applications Since 1983™

www.appliedmembranes.com • sales@appliedmembranes.com • (760) 727-3711 • Vista, CA, USA

