

# Adaptaid<sup>+</sup>

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## Water Treatment Carts



Dialysis  
Medical Water

## Four Carts Designed for Dialysis Water Treatment

Adaptaid offers four mobile solutions in its range of water treatment products to meet different dialysis needs: Aquadial, Aquacart, Aqualite, and Aqualite Stand.

### Compatibility with Reverse Osmosis (RO) Systems

All carts in the range are compatible with several reverse osmosis systems, including the WRO 300, WRO 300H, Millenium HX, and others.



#### AQUADIAL

**CHH01A-P001 (WT)** Granular activated carbon tanks

**CHH01B-P001 (WF)** SLIM activated carbon filters

#### Dimensions W X D X H

22.5 x 29.6 x 36.1 inches

571 x 752 x 917 mm



#### AQUACART

**WTR-038-P001** SLIM activated carbon filters

**WTR-038-P002** Granular activated carbon tanks

**WTR-038-P003** BIG BLUE activated carbon filters

#### Dimensions W X D X H

17.3 x 25.5 x 45.9 inches

432 x 648 x 1165 mm



#### AQUALITE

**DIA-032-P002** SLIM activated carbon filters

#### Dimensions W X D X H

17.5 x 26.3 x 39.1 inches

444 x 668 x 992 mm



#### AQUALITE STAND

**DIA-032-P001** SLIM activated carbon filters

#### Dimensions W X D X H

14.3 x 21 x 33.4 inches

363 x 533 x 849 mm

## AQUADIAL

Popular for its enveloping structure that protects the filtration equipment, the Aquadial produces water of the highest quality by combining sediment and activated carbon filters and the RO system on the same cart.

### Choice of Two Water Filtration Modes

For water purification, the Aquadial cart offers a choice of two water filtration systems:

+ **Model CHH01A-P001**

Two granular activated carbon tanks and two sediment filters

+ **Model CHH01B-P001**

Two activated carbon filters and two sediment filters



### Carries the Various Reverse Osmosis Systems

The spacious cart also features a transport bay for a reverse osmosis system, an external water distribution loop and a control panel with pressure gauges, sampling valves and more.

### Practical and Easy to Clean

The top of the cart includes a storage space to keep dialysis supplies close at hand. In addition, to facilitate asepsis, the components are kept inside a closed compartment.

## AQUACART

For dialysis care at home, in dialysis centers, in the emergency room or in hospital acute care units, the Aquacart is recognized as a portable, versatile and effective water pre-treatment solution.

### Facilitates the Mobility of Treatments

The Aquacart offers complete water pre-treatment thanks to its filtration system, which can be combined with several reverse osmosis models.

+ **Model WTR-038-P001**

Two SLIM activated carbon filters and two sediment filters

+ **Model WTR-038-P002**

Two granular activated carbon tanks and two sediment filters

+ **Model WTR-038-P003**

Two BIG BLUE activated carbon filters and two sediment filters



### Delivers an Integrated Solution for Hemodialysis Water Filtration

The cart's partially open structure allows easy access to filters, while hydraulic components are protected inside a compartment. One section of the cart is designed for the insertion of an OI system.

### Easy-to-Read Panel

The easy-to-read control panel and close access to the sampling valves make this a very user-friendly cart.



## AQUALITE

Designed to optimize space, the Aqualite cart provides a lightweight, portable water pre-treatment solution for medical water production. Despite its compact size, both reverse osmosis and water filtration systems fit inside the cart.

### Mobile and Compact

- + Small mobile unit on which the RO system is mounted to simplify treatment at various locations.
- + Provides water free of chlorine and chloramines.
- + Removes low-molecular-weight organic substances dissolved in feed water.

### Hot Water Addition Option

- + Thermostatic mixing valve for water tempering
- + A bypass valve
- + A temperature indicator



## AQUALITE STAND

A water filtration unit that is perfect for home use. This cart has several advantages, including providing an ultra-compact water pre-treatment solution without compromising the filtration quality required for dialysis care.

### Ultra-Compact and Efficient

- + Provides optimum purified water to the RO system.
- + Small size, easy to install where required.
- + Minimizes home plumbing work.
- + Open structure for easy access to filters and hydraulic components.



## Filters

All water treatment carts are supplied with tanks, housings, and cartridges ready for use.

Replacement cartridges are also available from our customer service department.

### Sediment Filters

Two types of filters for sediments (such as dirt, sand, and rust) are used on the carts as pre-filters. One is designed to remove sediments of five microns and larger, while the other removes those from five to one micron. The life of the filters depends on the quality of the water at the point of entry and their use. Filter cartridges should be changed as soon as there is a drop in pressure.



### Granular Activated Carbon Tanks

Granular Activated Carbon (GAC) is a form of porous granular carbon contained in a tank. Water passes through the tank and the GAC acts like a sponge to absorb small and large organic molecules in order to remove chlorine and chloramines, among other things. CAG technology is easy to use, but it requires analysis of the water to be filtered to ensure that it meets the applicable initial quality standards. The higher the concentration of contaminants in the water at the point of entry, the faster the CAG will be depleted, requiring more frequent replacements.



### Activated Carbon Filters

The activated carbon filter is used to remove certain organic substances from the water, including chlorine and chloramines, in order to protect the osmosis membrane. Water flows through the activated carbon filter, which removes impurities that remain attached to the filter surface. The filter cartridge must be replaced regularly or according to the concentration of contaminants in the water at the point of entry.



## Basic Features of the Water Treatment Carts

	AQUADIAL	AQUACART	AQUALITE	AQUALITE STAND
<b>Filters</b>	<b>CHH01A-P001</b> 2 granular activated carbon tanks 18 inches/457 mm	<b>WTR-038-P001</b> 2 SLIM activated carbon filters 20 inches/508 mm	<b>DIA-032-P002</b> 2 SLIM activated carbon filters 20 inches/508 mm	<b>DIA-032-P001</b> 2 SLIM activated carbon filters 20 inches/508 mm
	<b>CHH01B-P001</b> 2 carbon cartridges 20 inches/508 mm	<b>WTR-038-P002</b> 2 granular activated carbon tanks 18 inches/457 mm	1 sediment filter 20 inches/508 mm (5 µm)	1 sediment filter 20 inches/508 mm (5 µm)
	<b>Included on all Aquadial models</b> 2 sediment filters 10 inches/254 mm (5 and 1 µm)	<b>WTR-038-P003</b> 2 BIG BLUE carbon filters 20 inches/508 mm	1 sediment filter 10 inches/254 mm (1 µm)	1 sediment filter 10 inches/254 mm (1 µm)
		<b>Included on all Aquacart models</b> 2 sediment filters 10 inches/254 mm (5 and 1 µm)		
<b>Control Panel</b>	3 pressure gauges 2 sampling valves 2 bypass valve 1 thermostatic mixing valve 1 pressure regulator 1 temperature gauge	3 pressure gauges 2 sampling valves 2 bypass valves 1 thermostatic mixing valve 1 pressure regulator 1 temperature gauge	3 pressure gauges 2 sampling valves 1 bypass valve 1 pressure regulator	3 pressure gauges 2 sampling valves 1 bypass valve 1 pressure regulator
<b>Structure</b>	Welded construction with baked-on powder coating	Grade 304 stainless steel	Welded construction with baked-on powder coating	Welded construction with baked-on powder coating
<b>Space for RO Systems</b>	Included	Included	Included	N/A
<b>Top Storage</b>	Included	Included	Included	N/A
<b>Hose Bracket</b>	Included	Included	Included	N/A

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High-Performance Medical Equipment  
Designed for Healthcare Professionals

**For more information about our products, contact our customer service department.**



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