

# Adaptaid<sup>+</sup>

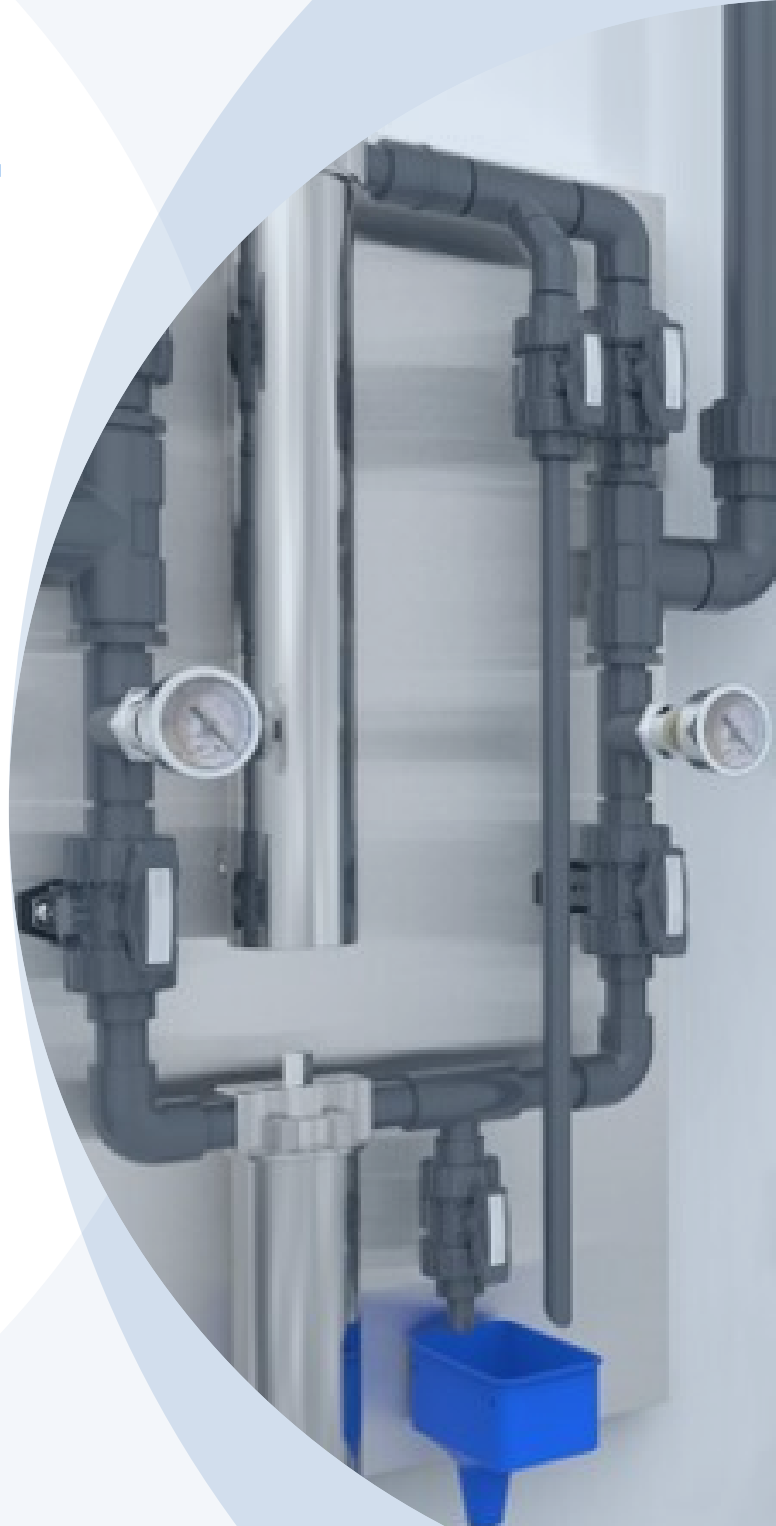
## Central Medical Water Treatment System



Filtration panels designed to produce purified water for dialysis centers, sterilization plants and laboratories

**Dialysis**  
**Medical water**

[adaptaid.com](http://adaptaid.com)



## Filtration Panels

### Designed for Water Treatment

---

The filter panel assembly makes the installation of a medical water pretreatment room quick and easy. Each panel has a specific role in the production of high-quality water for the reverse osmosis (RO) system. Among other things, this pre-treatment extends the life of the RO membranes.



### Solutions Perfectly Adapted to Dialysis Rooms

The panels require no assembly other than to be joined together. Designed and tested at the factory, they provide peace of mind to the installer and a level of water filtration that meets current requirements.



### Manufactured According to Specific Criteria

#### Do you have special requirements?

Whether it is for custom dimensions or additional options, Adaptaid will offer you solutions that meet your specifications.



PAF009-A



PAF011-A



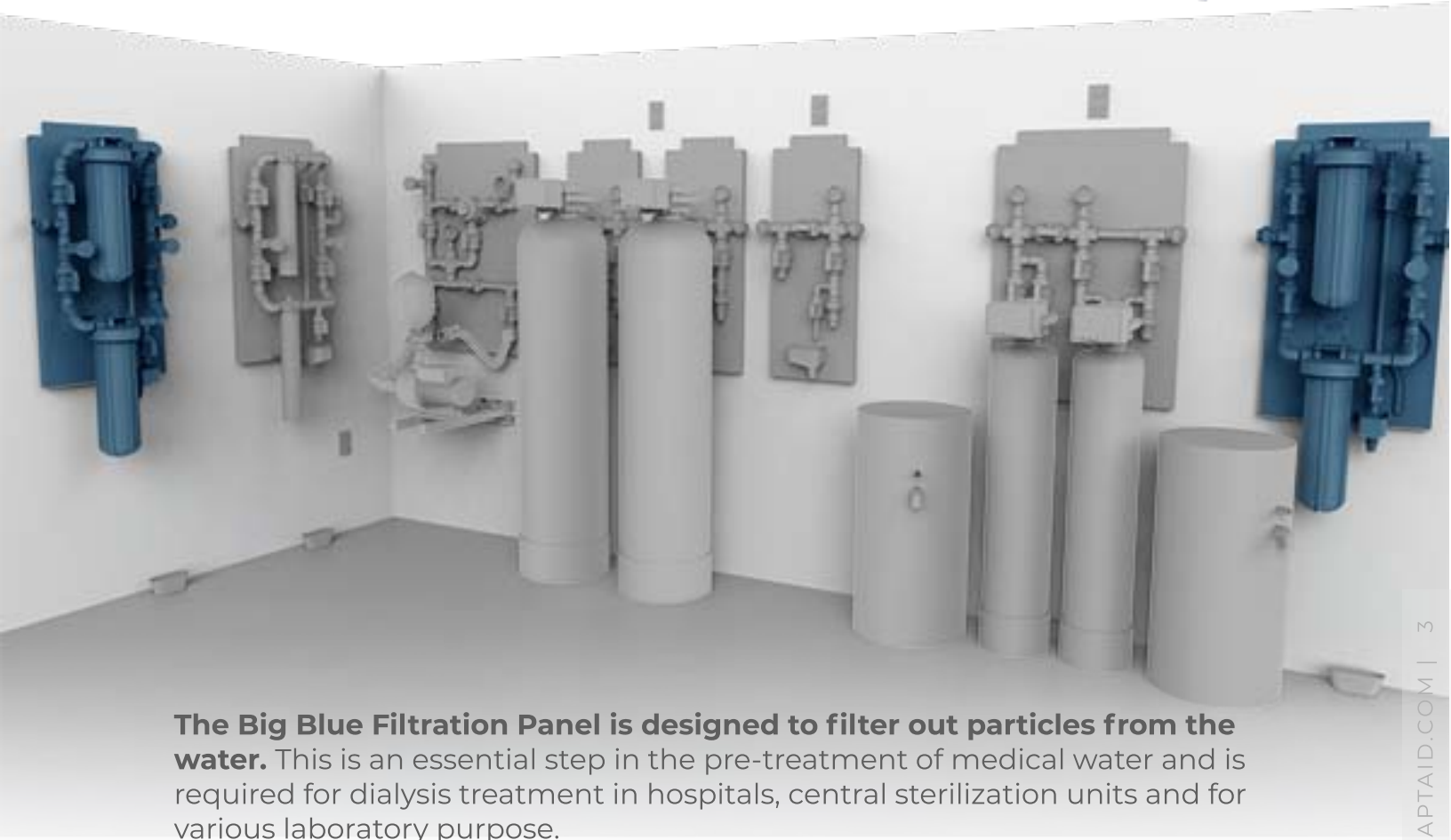
PAF015-A



PAF008-A

## Big Blue Cold Water Filtration Panel

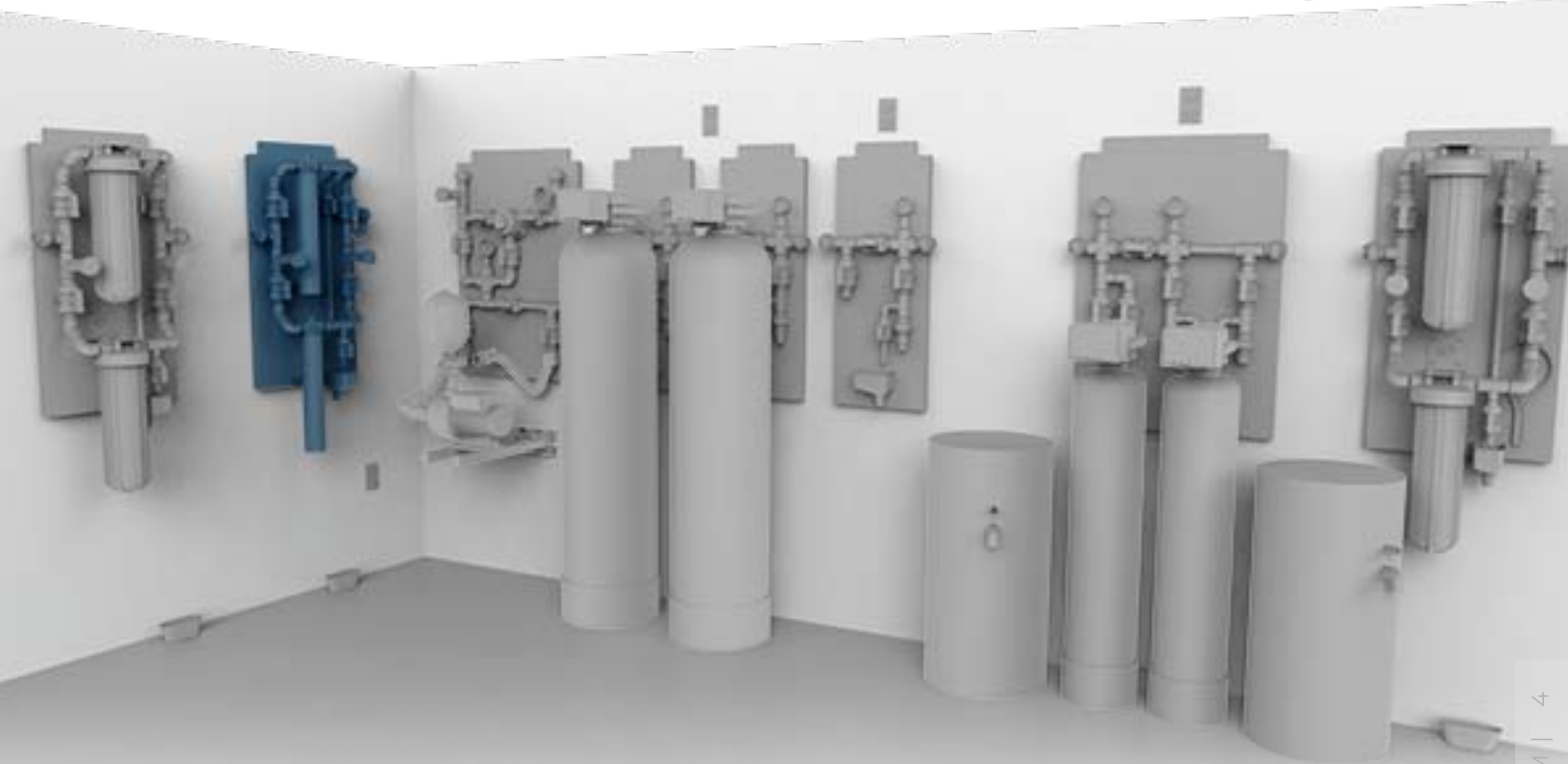
The Big Blue panel is primarily used at the cold water inlet of the central medical water treatment system. It is also used in the final pre-treatment stage where it ensures the removal of any particles larger than one micron.



**The Big Blue Filtration Panel is designed to filter out particles from the water.** This is an essential step in the pre-treatment of medical water and is required for dialysis treatment in hospitals, central sterilization units and for various laboratory purpose.

## Hot Water Filtration Panel

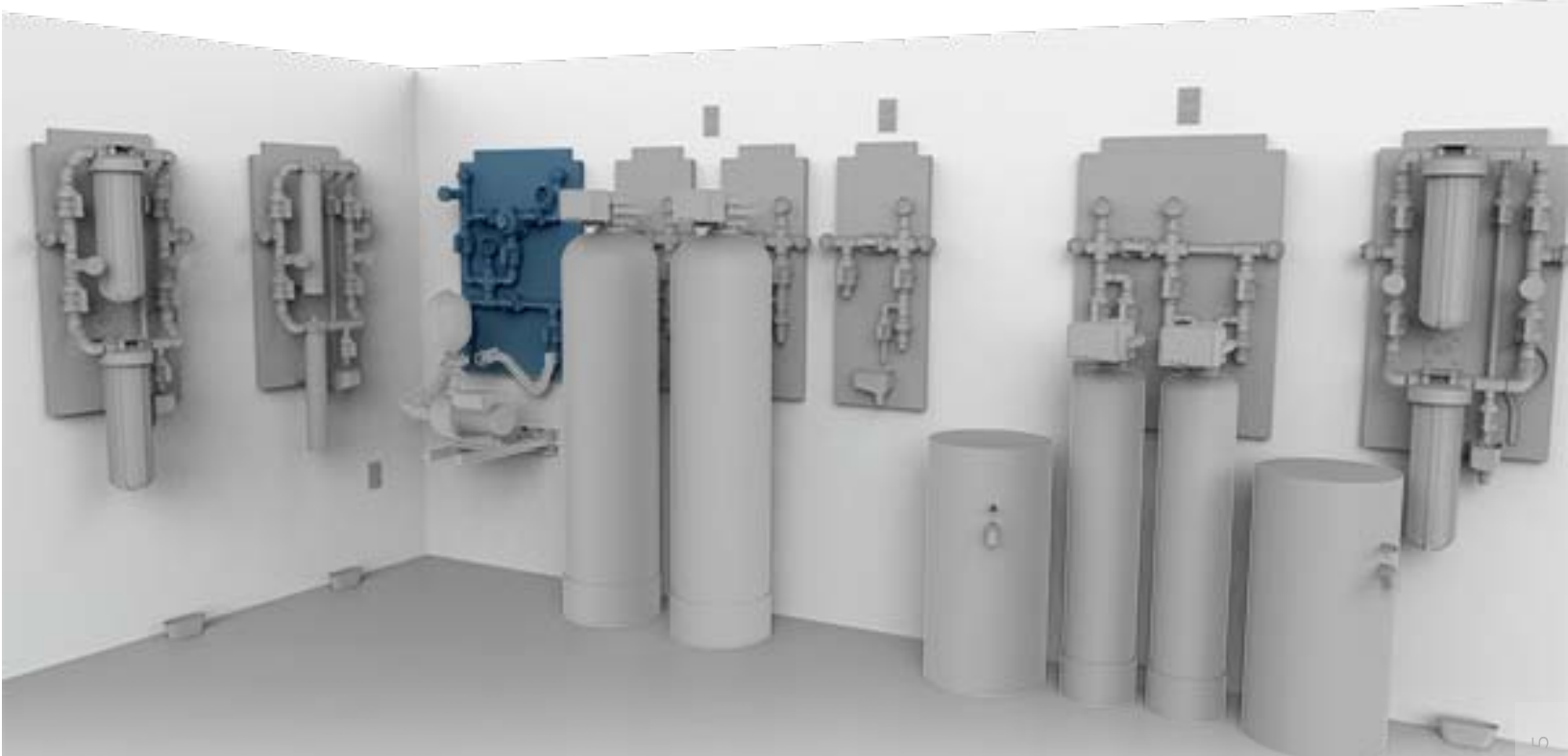
The hot water filtration panel is used at the hot water inlet of the central medical water treatment system to remove particles larger than five microns. This filtered water is then delivered to the mixer panel and mixed with cold water previously filtered through the Big Blue panel. The filtration then continues through different panels to finally feed the reverse osmosis (RO) system.



**The function of the Hot Water Filtration Panel is to filter the particles contained in the hot water that feeds the system.** This step is essential for the pre-treatment of medical water required for dialysis treatment in hospitals, central sterilization units and for various laboratory needs.

## Dual Mixer/Pump Combination Panel

The combined double mixer/pump panel is used at the outlet of the Big Blue and hot water filtration panels. Here the water is mixed and routed to the various bypass panels and then to the final particle filtration panel that precedes the reverse osmosis (RO) system.

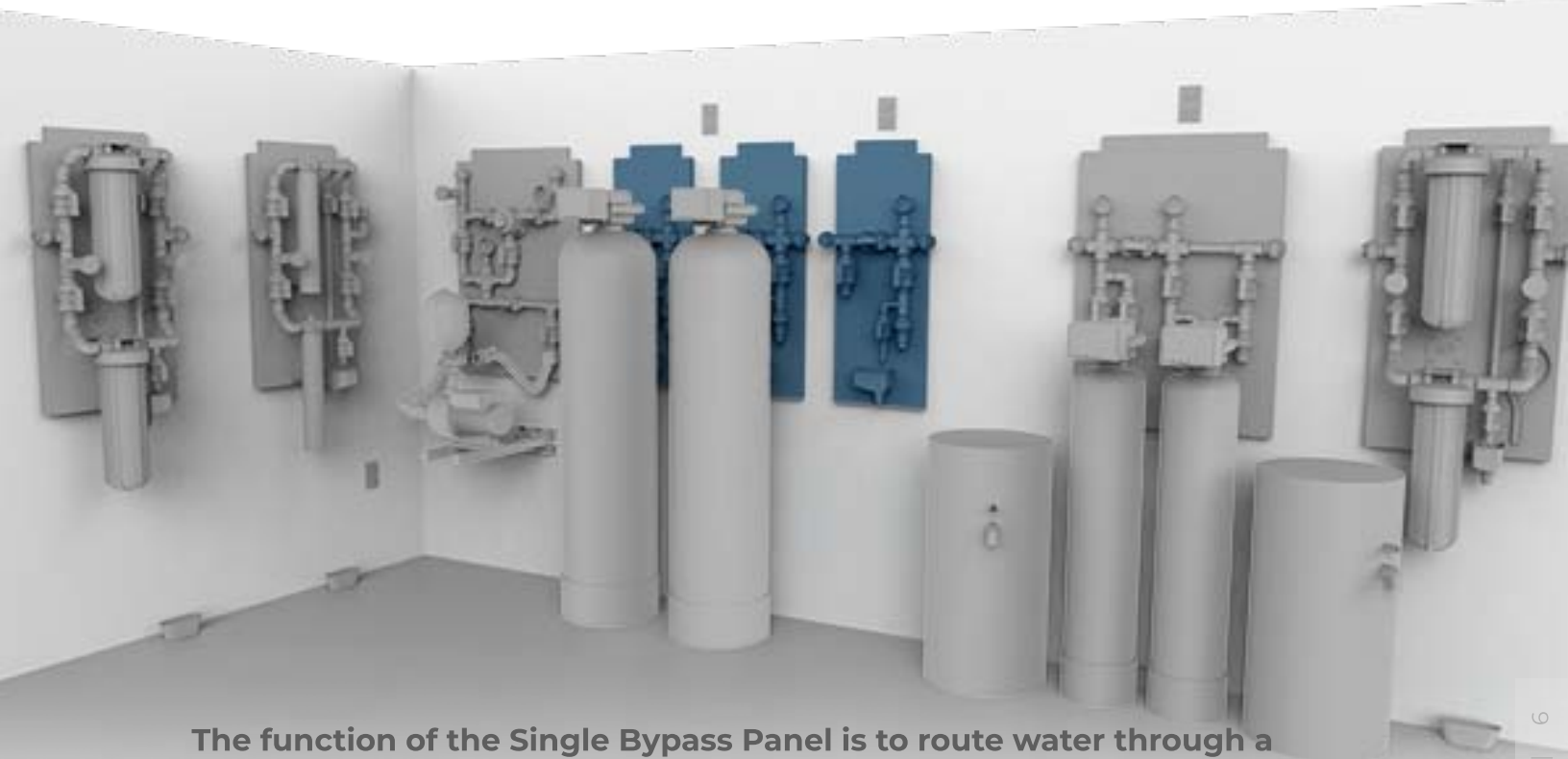


**The Dual Mixer/Pump Combination Panel mixes the cold and hot water to obtain the optimal temperature to maximize the production of pure water through the reverse osmosis system.** Once mixed, the water is propelled through the pump to the bypass panels. This is an important step in the pre-treatment of medical water that is required for hospital dialysis, central sterilization and various laboratory needs.



## Single Bypass Panel

The bypass panel is located at the outlet of the mixer panel. Its function is to channel the water through the different tanks in order to filter and eliminate substances like calcium, magnesium and chlorinated substances that are harmful to the RO membranes.



**The function of the Single Bypass Panel is to route water through a softener to remove ions such as calcium and magnesium from the water.** The panel also filters the water through activated carbon tanks to remove various substances, especially chlorine compounds. These steps are essential for the pre-treatment of medical water for dialysis treatment in hospitals, central sterilization units and laboratories.

# Adaptaid<sup>+</sup>

📍 448 rue Bourque  
Repentigny, Québec  
J5Z 5A2 Canada

☎ 450-585-7272

@ info@adaptaid.com



THIS DOCUMENT IS THE PROPERTY OF ADAPTAIDE INC. ANY REPRODUCTION, USE OR COPY FOR THE PURPOSE OF MANUFACTURING OR SELLING ANY PRODUCT IS STRICTLY PROHIBITED WITHOUT WRITTEN CONSENT.

2023 ADAPTAIDE INC. ALL RIGHTS RESERVED