



**AVIN**  
COMMERCIAL GROUP





## Avin

Avin Trading Company is involved in the field of designing, making, and developing industrial water desalination systems, semi-industrial desalination, and ice makers, offering products to the Middle East and other countries around the world.

## Avin Company Products

### Industrial water desalination system

Industrial water desalination converts salty water such as seawater, underground wells etc. into freshwater based on the semi-permeable membrane or reverse osmosis processes.

### Equipment of industrial desalination system of Avin Company

#### 1. Carbon Filter

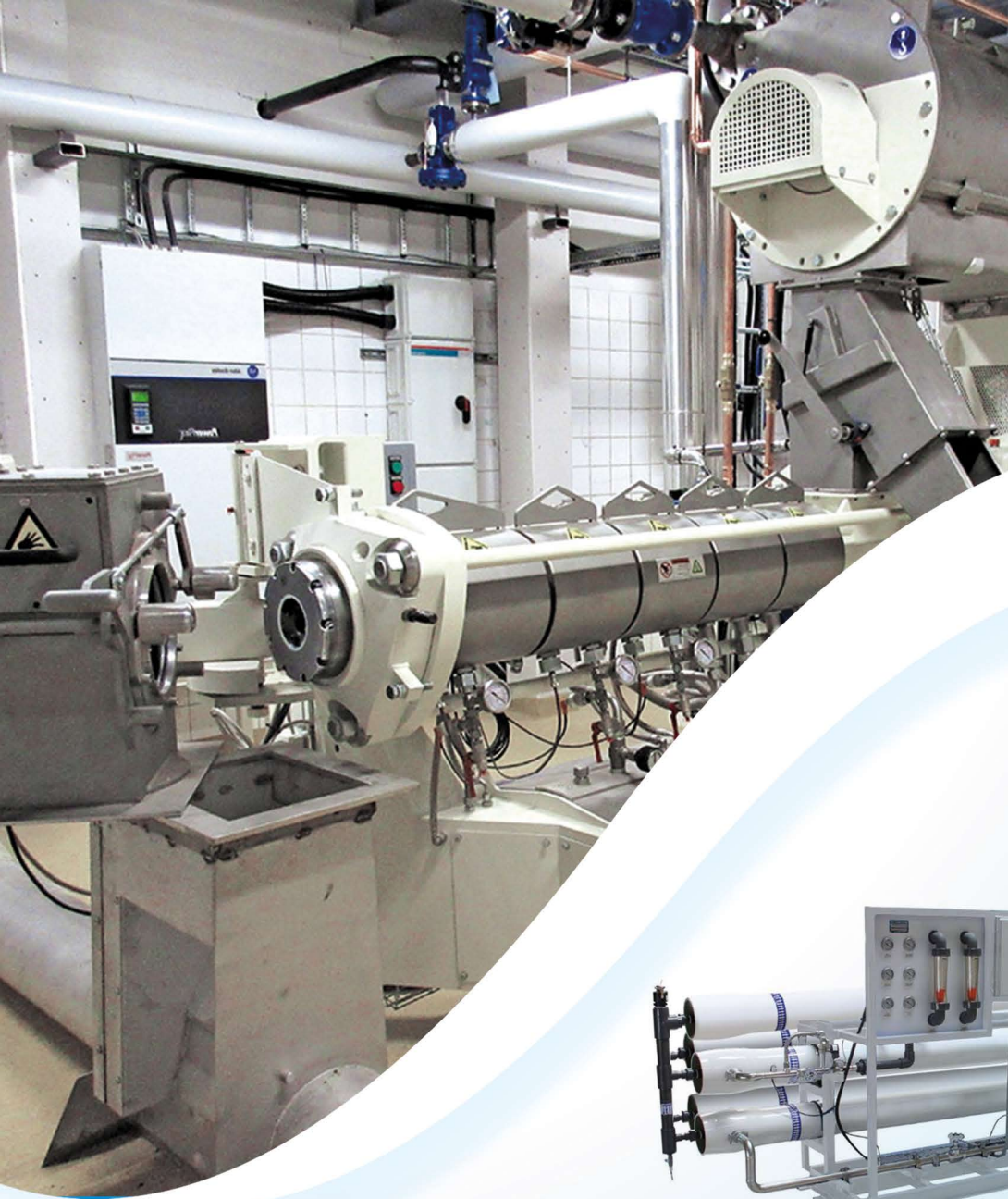
This filter is used to remove the smell and taste of water.

#### 2. Cartridge Filter

This sediment filter is designed to separate sand, dirt, and mud, up to 5 microns for the essence system.







### **3. Sand Filter RO**

This multitasking filter removes suspended particles up to 50 microns.

### **4. Membrane Filter**

This filter is one of the main industrial desalination filters that remove 99 /6 water solids.

### **5. Pressure Chamber or Pressure Tube**

This chamber is a container that is pressurized containing membrane elements.

### **6. High-pressure pump**

The high-pressure pump is one of the main elements of the reverse osmosis system.

### **7. Ultrafiltration removes the large particles and water viruses.**

### **8. Antifouling injection system**

In this system, anti-fouling chemicals are installed on industrial desalination membrane for the prevention of fouling.





### **Semi industrial desalination**

Semi industrial desalination purifies 200 to 700 gallons per day the most common of these 200 to 600 complete.

**Avin industrial water desalination machine produces and installs 600 gallons with the following features:**

- Water Purification based on international standards.
- Easy device installation.
- Capable of installing in different places such as hospitals, offices, restaurants.
- Preventing sediment in the tea maker, heater, and steam iron.
- Converting saltwater to freshwater.
- Capable of producing 50 liters of purified water per hour.





## Ice maker

Avin ice maker has a powerful system that can produce mold ice in high volumes.

### This device has the following features;

- Portability
- Capacity: 100 molds in 12 hours, 200 molds in 24hours
- Device engine: 30 to 40 Horsepower
- Power consumption: 3 phases
- Device power consumption: 30 to 50 KW
- The weight of each ice cube: 25kg
- Exterior body material: Pure stainless steel
- Internal body material: ABS washable and entirely hygienic





### Features of Avin products

- Made of high-quality materials
- Valid warranty
- Installing promptly
- Having technical support

### Packaging

All equipment and devices of Avin Company can be packaged in bubble wrap and with observance of safety measures sent to customers as soon as possible.



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