KEY FEATURES

• 4.0 LITERS PER MINUTE OF 18 MEGOHM WATER
• EASY CARTRIDGE REPLACEMENT
• LOW OPERATING COSTS

ARIES SYSTEM

The ARIES High Purity Water System provides 4.0 liters per minute of 18.2 megohm water. A quiet recirculation pump ensures constant water purity. Standard equipment includes a built in pressure regulator and a 0.2 micron final filter to remove bacteria. Water quality meets or exceeds ASTM Type I water specifications.

This attractive compact unit can be free standing or wall mounted. Resistivity is temperature compensated and continuously monitored on the digital display. Filters are easy to replace and require no tools. High capacity cartridges require less frequent change outs and lower operating costs.

A variety of options are available including: remote dispensing gun, 0.05 micron hollow fiber UF filter, and combination high-purity/sub-micron cartridge Reverse Osmosis pretreatment systems are also available. Aries also offers a direct feed option for auxiliary equipment.

*Note: Reported flow rate is typical but can vary depending on supply pressure and system options.

FEATURES & BENEFITS

• MICROPROCESSOR CONTROLLED
  Intuitive touch screen allows for programmable dispensing of 18.2 megohm water

• FULL RECIRCULATING WATER
  The fully recirculating flow of water ensure quality water upon dispensing for use with no waiting

• COMPACT DESIGN
  The shallow depth of the system saves valuable counter space and can be wall mounted or free standing

FLOW DIAGRAM

- Direction of Flow
- Check Valve
- Recirculation Pump
- Inlet Solenoid Valve
- Resistivity Controller
- VP Series Cartridge
- Cycle Timer
- VP Series Cartridge
- Sub-Micron Filter
- VP Series Cartridge
- Pressure Regulating Valve
- Optional Accessories
- Isolation Valve

(Direct Feed Option)
(Pressure Switch)
(UV Lamp Option)
ARIES HIGH-PURITY WATER SYSTEM

ARIES ORDERING GUIDE

ARS-102
Aries System with 0.2 micron capsule filter†

ARS-105
Aries System with 0.05 micron capsule ultrafilter†

TECHNICAL DATA

Dimensions (H x W x D)
25 in. x 23 in. x 8.5 in.
(64 cm x 59 cm x 22 cm)

Weight
32 lbs dry / 38 lbs operating
(14.5 kg dry / 17.3 kg operating)

Connections
Inlet 3/8” Tube
Outlet 1/4” FNPT

Power Requirements
120 VAC / 60 Hz @ 1.0 amp

Pressure
90 PSIG Maximum
20 PSIG Minimum

Temperature (Max.)
100 °F
30 °C

Flow Rate (Typical)
4.0 lpm (1.1 GPM)
2.0 lpm (0.53 GPM)*

Outer Shell
Powder Coated Steel

† VP Series filters not included

INFLUENT QUALITY

Source
Reverse Osmosis, DI, or Distillation

Purity
< 20 uS/cm

Filtration
0.2 micron

Free Chlorine
< 0.05 ppm

Silica
< 2 ppm

TOC
< 50 ppb

EFFLUENT QUALITY (STANDARD SYSTEM)

Standard System
Purity
> 18 Megohm- cm

Microorganisms
< 10 CFU / mL

Chlorides
< 1 ppb

Sodium
< 1 ppb

With 0.05 micron UF
Endotoxin
< 0.03 EU

OPTIONS & ACCESSORIES

ARA-DG
Dispensing Gun and tubing kit

ARA-UV
UV Combination for Bacteria and TOC

ARA-DF
Direct feed

ARA-WB
Aries wall mount bracket

VPK-3805
Tap Feed Cartridge Kit

VPK-4010
RO/DI Feed Cartridge Kit

PF-00-6402
0.2 micron capsule filter

PF-00-6505-HN
0.05 micron hollow fiber UF filter

HPA-008
220 VAC External Power Converter

HPA-010
Sanitization Kit

HPL-RO
Reverse Osmosis Pretreatment

Notes: Ordering information subject to change without notice. Please verify all specifications prior to ordering.

To place an order call (856) 626-1550 or e-mail ariescs@ariesfilterworks.com

IMPORTANT NOTICE TO USER:

The following is made in lieu of all other warranties expressed or implied. Manufacturer’s and Seller’s only obligation shall be to issue credit against the purchase or replacement of the equipment proved to be defective in material or workmanship. Neither Manufacturer nor Seller shall be liable for any injury, loss or damage, direct or indirect, special or consequential, arising out of the use of, misuse, or the inability to use such product. The information contained herein is based on technical data and tests which we believe to be reliable and is intended for use by persons having technical skill at their discretion and risk. Since conditions of use are outside ResinTech’s control, we cannot assume any liability whatsoever for results obtained or damages incurred through the application of the data presented. This information is not intended as a license to operate under, or a recommendation to infringe upon, any patent of ResinTech’s or others covering any material or use. The foregoing may not be altered except by written agreement signed by officers of the manufacturer.