

CAP II Water System Walk-up Unit in PRB 1169M

The installation is now complete for the "walk-up" CAPII water system on the first floor, south end, RM 1169M, near the LN2 Dewar fill station.

This unit serves users with intermittent, small volume needs with a production rate of 10 liters per hour and a storage capacity of 60 liters.

Users can now fill containers at this location. Contact Mark Reed, Phil Davids, or Kent Ludwig to gain access to the room.

A swipe card reader will be added later for additional user convenience.



- As-Installed Configuration -



- Location of Room 1169M -

CAP II Water System
Walk-up Unit in PRB 1169M

WATER SPECIFICATIONS

Elix water (at Elix module outlet)

Parameter	Value
Resistivity	> 5 MΩ·cm @ 25 °C
TOC	< 30 ppb

If pure water is sourced from an E-POD unit, the following water quality specifications are achieved:

Parameter	Value
Bacteria	< 0.1 cfu/ml*
Particulates > 0.22 µm	< 1 particulates/ml*
Pyrogens (endotoxins)	< 0.001 EU/ml**
RNases	< 0.01 ng/ml**
DNases	< 4 pg/µl**

* With Millipak® filter with Millipore Express® membrane or Biopak® ultrafilter as POD Pak

** With Biopak ultrafilter as POD Pak

The Elix Advantage system is designed to meet or exceed requirements as described by ISO 3696 (Grade 2 water); ASTM D1193 (Type II resistivity and TOC Table I specifications); and by the United States, European and Japanese Pharmacopeias for Purified Water.

WATER DELIVERY

Elix Advantage System	3	5	10	15
Pure water production (Max l/day)	70	120	240	360
Pure water delivery at E-POD (l/min)	Up to 2.0	Up to 2.0	Up to 2.0	Up to 2.0