**NSF/ANSI/CAN 61 CERTIFIED**

**7 Standard Sizes Stainless Steel Construction:**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>5 GPM</th>
<th>10 GPM</th>
<th>15 GPM</th>
<th>20 GPM</th>
<th>25 GPM</th>
<th>50 GPM</th>
<th>100 GPM</th>
</tr>
</thead>
</table>

**Contaminant Removal:**
- Arsenic III & V (removes 99% to non-detect levels)

**Type of Media:**
- Zirconium

**No. of Cartridges:**
- 1
- 2
- 3
- 4
- 5
- 10
- 20

**Empty Bed Contact Time:**
- 27 Seconds

**Typical Media Life:**
- Change residential application media cartridges annually.
- Commercial and industrial applications require a complete water analysis review at cartridge change-out.

**Regulated Maintenance:**
- **NO BACKWASHING**

**pH Range:**
- 7 – 8.5 pH

<table>
<thead>
<tr>
<th>Pre-filter (Included)</th>
<th>10&quot; 1-micron cartridge filter Polypropylene</th>
<th>20&quot; 1-micron cartridge filter Polypropylene</th>
<th>30&quot; 1-micron cartridge filter Polypropylene</th>
<th>20&quot; 1-micron cartridge filter Polypropylene</th>
<th>1-micron, 1 bag bag filter Stainless Steel</th>
<th>1-micron, 1 bag bag filter Stainless Steel</th>
<th>1-micron, 2 bag bag filter Stainless Steel</th>
</tr>
</thead>
</table>

**Cartridge Disposal:**
- Garbage bin or landfill

**Vessel Size:**
- 6.5" OD x 5.5" H
- 10" OD x 5.5" H
- 10" OD x 8.8" H
- 12" OD x 8.8" H
- 14" OD x 67/3" H
- N/A
- N/A

**Vessel Construction:**
- 100 psi
- 304 SS
- 100 psi
- 304 SS
- 100 psi
- 304 SS
- 100 psi
- 304 SS
- 100 psi
- 304 SS
- 100 psi
- 304 SS

**Cartridge Size:**
- 4.5" OD x 42" L

**Cartridge Dry Weights:**
- 21 lbs.

**Shipping Weight:**
- 27 lbs.
- 15 lbs.
- 105 lbs.
- 330 lbs.
- 675 lbs.
- 1200 lbs.

**Inlet/Outlet Connection:**
- 1½" FPT
- 1½" FPT
- 2" FPT
- 2" ANSI Flange
- 2" ANSI Flange
- 3" ANSI Range

**Footprint:**
- 61" x 18" D x 57.5" H
- 61" x 24" D x 80" H
- 61" x 39" D x 100" H
- 54" x 18" D x 75" H
- 54" x 18" D x 75" H
- 54" x 18" D x 75" H
- 54" x 18" D x 75" H
- 54" x 18" D x 75" H
- 54" x 18" D x 75" H
- 54" x 18" D x 75" H

**Min. Req. Headroom:**
- Freestanding: 82"
- Multi-Vessel Skids: 84"
- 84"
- 108"
- 120"
- 130"

*Due to variations in influent water quality, users are urged to perform independent verification of the non-hazardous character of spent media cartridges. Additionally, some states may have disposal criteria different from Federal guidelines (TCLP).*
ISOLUX® has been proven highly effective in solving arsenic problems for small water systems. ISOLUX® typically offers the lowest Total Cost of Ownership considering upfront capital costs and ongoing operation and maintenance. We are the clear arsenic treatment choice for small water systems up to 500 gpm, such as rural utilities, schools, hotels and casinos, RV parks, subdivisions or multi-user wells. In EPA Small Systems demonstration studies for arsenic removal, the ISOLUX® Zirconium adsorption technology delivered outstanding performance results versus E33 Ferric Oxide and GFH Ferric Hydroxide media.

Unmatched Quality & Convenience
ISOLUX® Cartridge skids and freestanding systems are NSF 61/ANSI/CAN 61 certified for potable drinking water. All standard ISOLUX® systems are NSF 61 certified as packages that include 304 stainless steel housings with stainless steel or polypropylene pre-filters and easy to use ISOLUX® cartridges.

Full Range of System Sizes
With 5, 10, 15, 20 & 25 GPM systems and 50 and 100 GPM skids that can be multi-unit configured. There is an ISOLUX® Arsenic Removal system solution for small to medium scale water treatment applications under 1-million gallons per day.

Fast, Simple Installation
ISOLUX® Skid Systems are predesigned for reduced up-front engineering expense. Onsite mechanical and plumbing work is minimal, and typically no electrical service or sewer hook-up is required. With simple inlet/outlet flange connections and preplumbed piping sub-assemblies, in many cases, an ISOLUX® Skid System can be completely assembled and ready to hook-up to your water supply in less than a day.

No Complicated Maintenance
Maintenance is minimal. There is no backwashing. No waste-water or spent media to dispose of, just periodic, one-man cartridge replacement. Multi-vessel or skid configurations can also allow continuous operation during cartridge change-out. No maintenance downtime!

Small Footprints
ISOLUX® Cartridge Skid Systems don’t require large storage tanks like other bulk media water treatment systems. Footprints for 50 GPM skids are roughly 5 ft long by 1-1/2 ft deep, and the 100 GPM skids are only 5 ft long by 3 ft deep.

ISOLUX® Arsenic Removal Systems were designed for exceptional performance and convenience with easy to handle media cartridges in stainless steel housings. The patented ISOLUX®Zirconium adsorption media forms an immediate non-leachable bond that removes Arsenic III and V simultaneously. And, given water conditions, ISOLUX® can dependably deliver Arsenic removal performance from 99% to non-detect.**

ISOLUX® cartridges are fully sealed, avoiding direct contact with any messy media. There’s practically no maintenance beyond periodic water testing and one-man cartridge replacement.

Lastly, the Arsenic adsorbed by ISOLUX® remains fixed, even in acidic or alkaline environments. ISOLUX® always passes the US EPA TCLP test as non-hazardous for landfill or garbage bin spent cartridge disposal.*