



## The ARGONAUT VILLAGER



**Maintenance-free/Spares-free Deployable, Modular, High-Volume Water Ultra-Filtration System for semi-permanent or permanent base-level installation to cover battalion- and town-level and higher needs.**

The **Argonaut Villager** can be provided as a modular system, to allow for one/two-man lift. The core of the unit is the **Argonaut Villager** itself (shown here). Other modules can include, for example, battery (power-cell) packs, solar rigid panel arrays, diesel generator set, etc., depending on user requirements or prevailing conditions. The **Argonaut Villager** can also be powered from motor vehicle battery/engine, for example, or through mains power. The **Argonaut Villager** can also be powered without any electrical input if fed through municipal water flow.



### Performance:

**Output:** Up to 16 US gallons (60.566 liters) a minute / 960 US gals. (3,634 liters) an hour / 23,040 US gals. (87,216 liters) a day. Performance depends on power source and pump selection.

**Output Water Quality:** 0.02 micron absolute; 0.01 micron nominal purity. Conforms to US NSF53 and NSF61 standards.

### Argonaut Villager Filtration System Physical Dimensions:

**Weight and Dimensions:** 200lb. (90.78kg). 20"x31"x31"h [50.8cm (deep) x 78.74cm (wide) x 78.74cm (high)].

### Water System:

**Originating Water Source:** Ground-water from well, river, or lake sources, up to 287 feet distant/deep from the production unit. Can handle fresh to slightly brackish water.

No cartridges or filters to replace; programmed, automatic backwash system.

No UV or chemical treatment required for biological threat eradication.

Post-filtration carbon treatment, or specialized pre-filtration can also be added to outflow as, or if, needed.

**Filters:** No filter changes, part changes or servicing required on the filtration components during the system's service life. Three-year warranty on filtration unit. System includes internal capacity for back-wash water supply.

### Solar Power Supply Options:

**Power Source:** 400 Watt rigid solar panel, supporting power cells (number of power cells determined by prevailing weather conditions in the area of deployment, to allow 24 hours per day operation). Photograph at right shows unit with rigid solar panels and four integrated power cells.

**Fuel Consumption:** Nil.

**Operating expenses based on continuous operation with scheduled maintenance:** No operating cost after fixed costs to purchase and install.

**All-up dry weight of integrated solution shown at right, including filtration unit, solar panels, and four-battery energy storage:** appr. 272 kg (600 lb.).



**Contact:** Pamela von Gruber, Chief Operating Officer, Argonaut, on [PvG@ArgonautWater.com](mailto:PvG@ArgonautWater.com) for immediate support. See: [www.ArgonautWater.com](http://www.ArgonautWater.com). PO Box 320483, Alexandria, Virginia 22320, USA. Tel. +1 (703) 909-4168 (direct).