

# PHANTOM UF-2500

## Drinking water, when it matters.

Some experts have an opinion that the purification of drinking water »in the field« is a very demanding task and should only be carried out only by experts. Relying on years of experience in this field, while utilising the latest technology in water filtration, we set ourselves a goal. To change that perception. In our opinion we achieved it with our **PHANTOM UF-2500** water purification system that was especially designed for:

- **unprecedented water filtration**
- **ease of use,**
- **reliability,**
- **robustness of construction**



Since **PHANTOM UF-2500** can produce 60.000 l/day of purified water, it is suitable for smaller settlements, hospitals, kindergartens, hotels, restaurants, farms and campsites.

The **PHANTOM** system can purify microbiologically and chemically affected waters to attain drinking water levels. It achieves that by using the latest in water purification technology.

### Main parts of the system are:

- Stainless steel pump
- Self cleaning pre-filtration
- Floatation ring for pump
- Spin down filter (self cleaning)
- Ultrafiltration modules
- Active carbon (KDF55)
- UV sterilisers
- KDF
- Control microprocessor
- Connection pipes

### Technical specifications:

- Capacity: 2500 l/h, 60.000 l/day
- Operating pressure: 3 Bar
- Power: 230V / 50 Hz
- Dimensions: 1200x 800x 800mm
- Efficiency rate: ≥ 95%

Purification method	Water pollutants	Examples
Ultrafiltration	Microorganisms, pyrogens, colloids	Anthrax, Salmonella, Ecoli, Roundworm, sand, rust
ION exchangers	Nitrates, sulfates	Fertilisers, detergents, oil, insecticide
UV light	Bacteria, viruses, algae, spores	Cholera, Amibiasis, Hepatitis A and B, Rota viruses
KDF	Heavy metals, gases	Pb, Hg, Fe, Ba, Se, Cr, Cd, Cn....
Active carbon	Bad odour, bad taste, color...	Chlorine, other organic substances..



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