

HG1000U

DEMAND INTEGRATED

The Hyde GUARDIAN **Universal Service™** Ballast Water Treatment system is an effective and reliable solution combining filtration with Ultraviolet (UV) disinfection.

HG1000U Features:

- Smallest footprint on the market
- Designed to interface with ship's IAS for centralized operation
- Optimized for larger vessels
- Seven automatic modes of operation allowing one-touch operation
- Automatic backflushing filter uses inlet pressure for backflush to improve cleaning efficiency
- Operates independent of salinity, temperature or UVT

What's Included:

- Filter
- UV Chamber
- Control Panel
- Power Panel
- Control valves
- Flow meter
- Air supply regulator

Options available:

- Skid mounting (includes interconnect piping and wiring)
- Hazardous Area certification available
- Remote panels
- Isokinetic Sample Port(s)
- Gravity operation



The HG1000U system can be supplied as loose components, enabling more flexibility in terms of installation space and configuration.

Technical Data

Treatment Rated Capacity	1000 m ³ /hr
Electrical Supply	380 – 690V · 50/60 Hz · 3 ph
Power Consumption	110 kW Nominal · 162 kW max
Max. Operating Pressure	10 bar
Minimum Flow	70 m ³ /hr
Max. Operating Temperature	55 C

Component	Size (L · W · H) (mm)	Weight (kg)
Skid (Complete Assembly)	2780 · 1500 · 2623	-
Filter	765 · 767 · 1820	900
UV Chamber	956 · 1112 · 630	172
Control Panel	600 · 210 · 760	35
Power Panel	1800 · 700 · 1800	1790

