

HG750U

DEMAND COMPLIANCE

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

HG750U Features:

- Smallest footprint on the market
- Optimized for liner service 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
- Two-sided reactor to reduce space

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
- Direct interface to ships automation
- Isokinetic Sample Port(s)
- Gravity operation



The HG750U system can be supplied as loose components, enabling more flexibility in terms of installation space and configuration.

Technical Data	
Treatment Rated Capacity	750 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)	2477 · 1423 · 2625	-
Filter	695 · 696 · 1642	757
UV Chamber	1116 · 1112 · 630	175
Control Panel	600 · 210 · 760	35
Power Panel	1800 · 700 · 1800	1790

