

CompactClean BWMS for Smaller Vessels

CompactClean OptIMO 55m³/h



The CompactClean OptIMO BWMS has been designed for vessels trading globally or primarily in IMO regulated waters. The CompactClean OptIMO BWMS provides optimized performance in IMO waters combined with reduced flowrate in US territories. If your vessel trades primarily outside of US waters in International Maritime Organization (IMO)-regulated waters, we can offer the CompactClean OptIMO system for ballast water management.

Dual mode software: IMO and USCG mode

The CompactClean OptIMO system is designed and tested according to the MPN testing methods under IMO. It means that the CompactClean OptIMO BWMS deploys an optimized and energy saving UV reactor to treat the ballast water, based on the same proven and high-quality technology as the well-known DESMI CompactClean BWMS. This is proved by the CAPEX and OPEX savings.

Even though CompactClean OptIMO is optimized for full flow in IMO waters, it can still be used in USCG waters at approximately 75% of max flowrate. Thus, if the unit size handles 55 m³/h of water in IMO waters, it will handle 35 m³/h of water in USCG waters. The dual-mode software takes care of the correct treatment scheme after the operator chooses the operation mode. The destination port will determine whether the system should operate in IMO or USCG mode.

CompactClean OptIMO can, like CompactClean, handle water with low UV transmissions rates of just 40% in US territory. Furthermore, CompactClean OptIMO has been certified to treat ballast water with UV transmission at record-breaking 35% in IMO mode.

Skid Mounted Delivery

The skid mounted configuration is a fully assembled system installed on a skid. The system has been optimized for a very low footprint. This is a plug and play solution which makes the installation trouble free. Just connect the vessels piping with the skid and connect the electrical wiring from the Main electrical panel with the Skid and you are up and running.

Available also as loose supply

The loose component configuration provides maximum flexibility in terms of deployment. This is the typical choice for retrofit projects as all components freely can be placed where there is enough room for them. This configuration contains all components excepts electrical wiring and pipe spools, which will be customized for the vessel.

OptIMO 55

Skid			Main Panel		
L1	W1	H1	L2	W2	H2
1425mm	759mm	1675mm	606mm	594mm	1795mm

