

CompactClean, No-EX, Skid Mounted

By choosing of a CompactClean ballast water management solution you will experience simplicity in the daily operation of your vessel. One global full flow mode worldwide – as simple as that! The solution has superior UV power to meet the strict requirements for ballast operation in US-waters. This means risk of mixing IMO and USCG treated ballast water will be eliminated.

One global operation mode

The selection of either IMO or US mode can be very complicated, if the operator does not know at the time of uptake, where the ballast water is going to be discharged.

With the CompactClean system you will not need a special mode to comply with USCG requirements. You just have one global mode for worldwide operation. The advantage of using a single operation mode globally is that it removes the need to know the de-ballast location at the time of ballast uptake. This means the ship can never get into a situation where the ballast water on board is compliant for discharge in one location, but not in another.

The CompactClean has been certified to treat ballast water with UV transmission at record-breaking 40% in its global mode. Most competing systems will go out of compliance as early as 70% UV-T in USCG waters.



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 seamless. 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.

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Description	CC35	CC85	CC135	CC250	CC340	CC500	CC750	CC1000	CC1500
Global Mode Max Flow [m ³ /h] - Ballast	35	85	135	250	340	500	770	1040	1500
Global Mode Max Flow [m ³ /h] - De-Ballast	40	85	160	250	340	500	870	1180	1740
Minimum Flow Ballast [m ³ /h] Filter	8	15	25	35	45	50	65	95	126
Minimum Flow De-Ballast [m ³ /h] UV unit	5	5	5	9	9	13	19	26	38
Min Power required UV-T > 100% UV lamps dim to 50% [kW]	4,0	8,0	12,0	18,0	24,0	36,0	54,0	72,0	108,0
Avg. Power required UV-T = 85% UV lamps dim to 70% [kW]	6,1	12,2	18,2	27,4	36,5	54,7	82,1	109,4	164,2
Install Power required UV-T < 65% All components running [kW]	12,0	21,0	36,0	54,0	67,0	93,0	131,0	169,0	245,0
Maximum Current At 440V [A]	19,0	31,0	48,0	73,0	106,0	126,0	177,0	229,0	332,0
Main Cabinet L x W x H [mm] Weight [kg]	606 x 594 x 1795mm 232 kg	606 x 594 x 1795mm 242 kg	606 x 594 x 1795 mm 247 kg	606 x 594 x 1795 mm 262 kg	606 x 594 x 1795 mm 272 kg	606 x 679 x 2171 mm 349 kg	1206 x 579 x 1771 mm 498 kg	1203 x 700 x 2208 mm 677 kg	1203 x 700 x 2208 mm 788 kg
Skid L x W x H [mm] Weight [kg]	2250 x 806 x 1890 mm 8216 kg	2250 x 806 x 1925,5 922,8 kg	1476 x 1120 x 2192 mm 1202kg	1603 x 1279 x 2355 mm 1606 kg	1608 x 1200 x 2572 mm 1731 kg	1813 x 1300 x 2776 mm 2216 kg	2076 x 1350 x 3214 mm 2673 kg	2250 x 1450 x 3485 mm 3647 kg	2427 x 1510 x 3810 mm 4823 kg