

Manufacturer	System	Minimum UVT Value*	Reference
Trojan Marinex	Trojan Marinex™ BWT 150, 250, 500, 750, 1000, 1250 and 1500	44%	DNV Type Approval Certificate, P-14780
GEA Westfalia	BallastMaster ultraV 250	45%	BSH/18228/BallastMaster ultraV 250-I/S41 2012
Cathelco	Cathelco BWTS	45%	BSH Type Approval Certificate 0800S41-443/000/1.0
Alfa Laval	PureBallast 3.0	50% (Hydac 50µm/ Boll & Kirch 40µm filter) 42% (Filtrex 20µm filter)	DNV Type Approval Certificate, P-15146
BioUV	Bio-Sea	54%	Summary of Land-based Test Results for Bio-Sea Ballast Water Management System
MMC	150, 300	55%	DNV Type Approval Certificate, P-14658
DESMI	RayClean	55% at Full Flow	DESMI OceanGuard RayClean BWTS Brochure
Mahle	OPS 100 - OPS 2000	54% - 62% Depending on Model	BSH Type Approval Certificates
Elite Marine	Seascope BWT	70%	CCS Type Approval Certificate NJIT00213_01
Panasia	Glo-En Patrol	80%	DNV Type Approval Certificate P-14685
Auramarine	CB75, CB250	___ %	Land-based Test Results for Type Approval
COSCO Shipbuilding	Blue Ocean Shield	___ %	Land-based Test Results for Type Approval
Hyde Marine	Hyde Guardian	___ %	Land-based Test Results for Type Approval
Hyundai Heavy Industries	Eco Ballast	___ %	Land-based Test Results for Type Approval
Optimarin	OBS, OBS-EX	___ %	Land-based Test Results for Type Approval
Wartsila	AquariusUV	___ %	Land-based Test Results for Type Approval
Wuxi Bright Sky	BSky BWMS	___ %	Land-based Test Results for Type Approval

UV transmittance (UVT) is the amount of UV light that is able to penetrate the water. The Trojan Marinex BWT system is tested and approved to one of the lowest UVT values in the industry, under full flow conditions.\*

Want to learn more? Visit [trojanmarinex.com/UVT](http://trojanmarinex.com/UVT)

\* UVT values reported during land-based testing for Type Approval. Data has been gathered from publicly available sources listed in Reference column, current as of February 10, 2015. Please contact manufacturers for specific details and updated information.

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