

# NEW!!! FAST® DV-SERIES

## SEWAGE TREATMENT SYSTEMS

**Superior Steel Structure From FAST** - FAST rectangular Media Tanks now use Smith & Loveless exclusive Vee Crimp tooling and technology. The new tanks are stronger, more corrosion resistant and cost less than ordinary tanks.

**Modular Construction** - Standard marine units are modular, with separate Media Tank and Machinery Module for installation where space is available. They are assembled, wired and tested at the factory and are certified by USCG for installation on inspected vessels. Units can also be provided on a single oilfield skid.



**FAST Is A Success Story** – To date, 8,000 FAST units have been delivered including 2,000 for marine and offshore service. The units do the job, they don't clog, they don't stink and they last a long time.

The DV-Series units are the result of superior process technology, superior structural design, superior manufacturing facilities and 30+ years of know-how.

**FAST DV-Series Reference Data - Standard Units (September 22, 2006)**

<b>Model</b>	<b>D-1V</b>	<b>D-2V</b>	<b>D-3V</b>	<b>D-4V</b>	<b>D-5V</b>	<b>D-6V</b>	<b>D-7V</b>	<b>D-8V</b>	<b>D-9V</b>
<b>Effluent Quality and Rated Capacity (persons)</b>									
Good - per USCG/IMO	46	82	103	154	186	289	451	632	903
Better - 6 week sludge storage	36	65	81	121	145	225	349	489	699
Best - 3 month sludge storage	27	48	60	88	104	161	247	346	495
<b>Overall Dimensions (in)</b>									
<b>Modular Construction</b>									
<b>Media Tank</b>									
Length (note 1)	50	62	75	87	87	112	136	185	258
Width (note 2)	48	60	60	72	84	96	96	96	96
Height	79	79	79	79	79	79	91	92	93
<b>Machinery Module</b>									
Length (note 1)	45	47	51	57	60	70	84	96	96
Width (note 2)	34	34	37	43	46	54	65	76	88
Height	79	79	79	79	79	79	79	79	79
<b>Complete Unit on Oilfield Skid</b>									
Length	83	95	110	128	131	163	198	257	341
Width (note 2)	48	60	60	72	84	96	96	96	96
Height	83	83	83	83	83	83	83	83	83
<b>Estimated Weights (lb.)</b>									
Shipping	2,400	3,000	3,500	4,500	5,000	6,800	8,900	12,000	16,000
Operating	6,000	8,900	11,000	16,000	19,000	28,000	40,000	55,000	77,000
Add for Oilfield Skid	400	600	600	800	1,000	1,200	1,300	1,500	2,000

**Notes:**

1. Unless otherwise specified, media tank and machinery module will be shipped as separate items.
2. Max width shown for domestic motor freight. For D-6V and larger units, width can be reduced for shipment in ISO standard container with rated capacity reduced about 2%.
3. These data are for reference only and are not for construction. Details of individual units may vary.

**Sizing and Selecting Units**

1. Rated capacities shown are for treatment of blackwater only for persons working and living aboard. If persons work but do not live aboard, count each of these as one-half person.
2. If other types of sewage are to be treated in addition to blackwater, add the applicable factors to obtain a total service factor.
3. Multiply the number of live-on persons by the service factor to obtain equivalent blackwater persons. Use this figure to select the correct unit.
4. For longer term sludge storage or for special effluent requirements, consult factory.

<b>Sewage Service Factors</b>	
Type of waste	factor
black water	1.00
personal wash water	0.42
laundry	0.31
dishwashing	0.33
garbage disposal	1.21

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