

# LNG Vaporizer Type and Informatopn

Abbriviation	ORV	STV	IFV	AAV	SCV	SCV + ORV	WBHV
Type of Vaporizer	Open Rack Vaporizers	Shell and Tube Vaporizers	Intermediate Fluid Vaporizers	Ambient Air Vaporizers	Submerged Combustion Vaporizers	Combined Loop SCV and ORV Vaporizer	Water Bath Heated Vaporizer
Picture							
Gas Flow rate(mmscfd)	371.3	371.3	371.3	371.3	371.3	371.3	371.3
Liquid Flow Rate(ton/hr)	<b>336.980</b>	<b>336.980</b>	<b>336.980</b>	<b>336.980</b>	<b>336.980</b>	<b>336.980</b>	<b>336.980</b>
H(m)	11.3	3.0	3.0	13.49	6.00	11.30	45.8
W(m)	5.8	7.9	12.9	9.78	4.00	6.35	22.9
L(m)	9.0	6.2	25.3	16.70	10.00	15.89	97.7
Foot Print(m <sup>2</sup> )	52.3	48.6	326.5	163.3	40.0	101.0	2235.2
Dry WT	63.5	53.9	239.8	107.8	239.8	151.6	389.5
Oper WT	65.7	56.2	303.3	127.5	303.3	184.5	954.1
Air flow Rate(ton/hr)				3369.8			
CAPEX(mUS\$)	0.531	0.453	1.629	0.809	0.277	0.844	3.180
OPEX(mUS\$/yr)	0.022	0.026	0.038	0.024	0.289	0.041	6.178
Foot Print Ranking	3	2	6	5	1	4	7
CAPEX Ranking	3	2	6	4	1	5	7
OPEX Ranking	1	3	4	2	6	5	7
Weight Ranking	2	1	5	3	5	4	7
Total Score	7	7	16	11	8	14	21
<b>Final Ranking</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>7</b>

Specifications for the above LNG Vaporizer, Dimension, Weight, CAPEX and OPEX vary depending on the manufacturer