





# UV STERILIZERS

UV Unit	Requested Flowrate (gpm)	Requested Dosing Rate (J/m <sup>2</sup> )	Design Water UVT Ratio	Flange/ Pipe Connection Sizes	BODY MATERIAL	Reactor Diameter (Inch)	Reactor Length (Feet/Inch)	Total Power	Number Of UV Lamps	Per Lamp Power (W)	Total Current (A)	Supply Voltage 50/60Hz (V)	Flow Sensor and alarm	UV Irradiance Sensor and alarm	Reactor temperature Sensor and alarm
MR1-75PP STD L-shape	13.208604	400	0.98	1 1/2"	PP	3"	3' 2 1/2"	75W	1	75	0.35	1~230V	Optional	Optional	Optional
MR1-75PP STD L-shape	22.01434	400	0.98	1 1/2"	PP	3"	3' 2 1/2"	75W	1	75	0.35	1~230V	Optional	Optional	Optional
MR2-75PP 3"	35.222944	400	0.98	3"	PP	5"	2' 12"	150W	2	75	0.7	1~230V	Optional	Optional	Optional
MR2-75PP 3"	66.04302	400	0.98	3"	PP	5"	2' 12"	150W	2	75	0.7	1~230V	Optional	Optional	Optional
MR3-75PP 3"	96.863096	400	0.98	3"	PP	6"	2' 12"	225W	3	75	1	1~230V	Optional	Optional	Optional
MR4-75PP 3"	154.10038	400	0.98	3"	PP	6"	2' 12"	295W	4	75	1.1	1~230V	Optional	Optional	Optional
MR1-350PP	198.12906	400	0.98	4"	PP	6"	5' 11 1/2"	0,4kW	1	350	1.7	1~230V	Optional	Optional	Optional
MR3-220PP	268.574948	400	0.98	6"	PP	8"	4' 4"	0,7kW	3	220	3.2	1~230V	Optional	Optional	Optional
MR3-220PP	396.25812	400	0.98	6"	PP	8"	4' 4"	0,7kW	3	220	3.2	1~230V	Optional	Optional	Optional
MR4-220PP	484.31548	400	0.98	6"	PP	12"	4' 4"	1,1kW	4	220	5	1~230V	Optional	Optional	Optional
MR4-350PP	660.4302	400	0.98	6"	PP	12"	5' 11 1/2"	1,6kW	4	350	7.2	1~230V	Optional	Optional	Optional
MR4-350PP	880.5736	400	0.98	6"	PP	12"	5' 11 1/2"	1,6kW	4	350	7.2	1~230V	Optional	Optional	Optional
MR4-350PP	1100.717	400	0.98	6"	PP	12"	5' 11 1/2"	1,6kW	4	350	7.2	1~230V	Optional	Optional	Optional
MR4-350PP	1320.8604	400	0.98	6"	PP	12"	5' 11 1/2"	1,6kW	4	350	7.2	1~230V	Optional	Optional	Optional
MR6-350PP	1541.0038	400	0.98	8"	PP	14"	5' 11 1/2"	2,4kW	6	350	11	1~230V	Optional	Optional	Optional
MR8-350PP	1981.2906	400	0.98	12"	PP	18"	5' 11 1/2"	3,1kW	8	350	14	1~230V	Optional	Optional	Optional
MR8-350PP	2641.7208	400	0.98	14"	PP	18"	5' 11 1/2"	3,1kW	8	350	14	1~230V	Optional	Optional	Optional
MR12-350PP	3742.4378	400	0.98	16"	PP	20"	5' 11 1/2"	4,7kW	12	350	21	1~230V	Optional	Optional	Optional
MR12-350PP	4402.868	400	0.98	16"	PP	20"	5' 11 1/2"	4,7kW	12	350	21	1~230V	Optional	Optional	Optional

# QUARANTINE TANKS

Filter Specification	BODY DIAMETER (inch)	DESIGN PRESSURE (psi)	MEDIA DEPTH (ft)	FLOWRATE (gpm)	FILTRATION SPEED (miles/hour)	FILTRATION AREA (ft <sup>2</sup> )	CONNENCTION FLNGED/UNION	CONNENCTION SIZE (mm)	CONSTRUCTION TYPE (Horizontal/Vertical / Stacked Dual Design)	TOTAL SAND MEDIA CAPACITY (pond)	TOTAL AFM MEDIA CAPACITY (pond)	HEIGHT (foot)	OPTIONAL DESIGN PRESSURE (psi)	NOZZLE PLATE	SIGHT GLASS	AIR BACKWASH CONNECTION	OZONE PROTECTION
FT500	20	43	3.28084	18/22/26	0.012/0.016/0.019	2.0444	UNION	1 1/2"	VERTICAL	628.3167	521.502861	6.16797900262467	64	OPTION	OPTION	only with nozzle plate	OPTION
FT600	24	43	3.28084	31/35/44	0.012/0.016/0.020	3.5508	UNION	1 1/2"	VERTICAL	1091.2869	905.768127	6.16797900262467	64	OPTION	OPTION	only with nozzle plate	OPTION
FT800	31	43	3.28084	44/53/66	0.012/0.016/0.021	5.38	FLANGED	2"	VERTICAL	1653.465	1372.37595	6.39763779527559	64	OPTION	OPTION	only with nozzle plate	OPTION
FT1000	39	43	3.28084	75/92/110	0.012/0.016/0.022	9.2536	FLANGED	2 1/2"	VERTICAL	2843.9598	2360.486634	6.23359580052493	64	OPTION	OPTION	only with nozzle plate	OPTION
FT1200	47	43	3.28084	97/119/145	0.012/0.016/0.023	12.1588	FLANGED	3"	VERTICAL	3736.8309	3101.569647	6.39763779527559	64	OPTION	OPTION	only with nozzle plate	OPTION
FT1400	55	43	3.28084	132/167/203	0.012/0.016/0.024	16.5704	FLANGED	4"	VERTICAL	5092.6722	4226.917926	6.39763779527559	64	OPTION	OPTION	only with nozzle plate	OPTION
FT1600	63	43	3.28084	176/220/264	0.012/0.016/0.025	21.6276	FLANGED	5"	VERTICAL	6646.9293	5516.951319	6.56167979002625	64	OPTION	OPTION	only with nozzle plate	OPTION
FT1800	71	43	3.28084	220/277/335	0.012/0.016/0.026	27.3304	FLANGED	5"	VERTICAL	8399.6022	6971.669826	6.7257217847769	64	OPTION	OPTION	only with nozzle plate	OPTION
FT2000	79	43	3.28084	273/343/414	0.012/0.016/0.027	33.7864	FLANGED	6"	VERTICAL	10383.7602	8618.520966	6.88976377952756	64	OPTION	OPTION	only with nozzle plate	OPTION
FT2200	87	43	3.28084	335/418/502	0.012/0.016/0.028	40.888	FLANGED	6"	VERTICAL	12566.334	10430.05722	7.21784776902887	64	OPTION	OPTION	only with nozzle plate	OPTION
FT2400	94	43	3.28084	379/476/572	0.012/0.016/0.029	46.6984	FLANGED	6"	VERTICAL	14352.0762	11912.223246	7.38188976377953	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH2500	79x98(L)	43	3.937008	361/449/542	0.012/0.016/0.030	44.116	FLANGED	6"	HORIZONTAL	16270.0956	13504.179348	~7.1	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH3000	79x118(L)	43	3.937008	440/550/660	0.012/0.016/0.031	53.8	FLANGED	6"	HORIZONTAL	19841.58	16468.5114	~7.1	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH4000	79x157(L)	43	3.937008	616/748/925	0.012/0.016/0.032	75.32	FLANGED	8"	HORIZONTAL	27778.212	23055.91596	~7.1	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH5000	79x197(L)	43	3.937008	779/973/1167	0.012/0.016/0.033	94.688	FLANGED	8"	HORIZONTAL	34921.1808	28984.580064	~7.1	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH2500DS	79x98(L)x2	43	3.937008	361/449/542	0.012/0.016/0.034	44.1x2	FLANGED	2 x 5"	HORIZONTAL STACKED DUAL DESIGN	33730.686	27996.46938	~14.1	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH3000DS	79x118(L)x2	43	3.937008	440/550/660	0.012/0.016/0.035	53.8x2	FLANGED	2 x 6"	HORIZONTAL STACKED DUAL DESIGN	39683.16	32937.0228	~14.1	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH4000DS	79x157(L)x2	43	3.937008	616/748/925	0.012/0.016/0.036	75.3x2	FLANGED	2 x 6"	HORIZONTAL STACKED DUAL DESIGN	55556.424	46111.83192	~14.1	64	OPTION	OPTION	only with nozzle plate	OPTION
FTH5000DS	79x197(L)x2	43	3.937008	779/973/1167	0.012/0.016/0.037	94.7x2	FLANGED	2 x 8"	HORIZONTAL STACKED DUAL DESIGN	69842.3616	57969.160128	~14.1	64	OPTION	OPTION	only with nozzle plate	OPTION