

MIOX ON-SITE GENERATORS

SCALE & CAPACITY



MOS	RIO ZUNI		AE SERIES			VAULT				RIO					RIO GRANDE
	RIO Zuni 1	RIO Zuni 2	AE-4	AE-6	AE-8	Vault M15	Vault M30	Vault M45	Vault M60	RIO M1	RIO M2	RIO M3	RIO M4	RIO M5	RIO Grande M16
lbs/day FAC Capacity kg/day FAC Capacity	1 lbs/day .45 kg/day	2 lbs/day .9 kg/day	4 lbs/day 1.8 kg/day	6 lbs/day 2.7 kg/day	8 lbs/day 3.6 kg/day	15 lbs/day 6.8 kg/day	30 lbs/day 13.6 kg/day	45 lbs/day 20.4 kg/day	60 lbs/day 27.2 kg/day	60 lbs/day 27 kg/day	120 lbs/day 54 kg/day	180 lbs/day 82 kg/day	240 lbs/day 109 kg/day	300 lbs/day 136 kg/day	1,000 lbs/day 453 kg/day
12.5% Bleach Equivalent	1 gal/day 3.8 L/day	2 gal/day 7.6 L/day	4 gal/day 15 L/day	6 gal/day 23 L/day	8 gal/day 30 L/day	15 gal/day 57 L/day	30 gal/day 114 L/day	45 gal/day 170 L/day	60 gal/day 227 L/day	60 gal/day 227 L/day	120 gal/day 454 L/day	180 gal/day 681 L/day	240 gal/day 908 L/day	300 gal/day 1,135 L/day	1,000 gal/day 3,785 L/day
Water Treatment Capacity (at 1ppm FAC)	120,000 GPD 454 m ³ /day	240,000 GPD 908 m ³ /day	480,000 GPD 1,817 m ³ /day	720,000 GPD 2,726 m ³ /day	960,000 GPD 3,634 m ³ /day	1.8 MGD 6,813 m ³ /day	3.6 MGD 13,626 m ³ /day	5.4 MGD 20,439 m ³ /day	7.2 MGD 27,252 m ³ /day	7.2 MGD 27,255 m ³ /day	14.4 MGD 54,510 m ³ /day	21.6 MGD 81,765 m ³ /day	28.8 MGD 109,020 m ³ /day	36 MGD 136,275 m ³ /day	120 MGD 454,250 m ³ /day
Salt Conversion [SCE]*	3.0 - 3.5 lb salt / lb FAC 3.0 - 3.5 kg salt / kg FAC		3.0 lb salt / lb FAC 3.0 kg salt / kg FAC			3.0 lb salt / lb FAC 3.0 kg salt / kg FAC				2.5 lb salt / lb FAC 2.5 kg salt / kg FAC					3.0 lb salt / lb FAC 3.0 kg salt / kg FAC
Energy Conversion [ECE]*	3.5 kW-hr / lb FAC 7.7 kW-hr / kg FAC		3.5 kW-hr / lb FAC 7.7 kW-hr / kg FAC			3.0 kW-hr / lb FAC 6.6 kW-hr / kg FAC				3.5 kW-hr / lb FAC 7.7 kW-hr / kg FAC					3.0 kW-hr / lb FAC 6.6 kW-hr / kg FAC
FAC Concentration	4,000 mg/L ± 1,000 mg/L		3,800 mg/L	4,200 mg/L	5,000 mg/L	4,500 mg/L ± 1,000 mg/L				4,500 mg/L ± 1,000 mg/L					4,500 mg/L ± 1,000 mg/L
Electrical Service Requirement [OSG only]	110 VAC to 240 VAC, 1 ph, 4A, 50/60Hz	110 VAC to 240 VAC, 1 ph, 8A, 50/60Hz	110 VAC or 220 VAC, 1 ph, 20A, 50/60Hz	110 VAC or 220 VAC, 1 ph, 20A, 50/60Hz	220 VAC, 1 ph, 20A, 50/60Hz	200 - 240 VAC, 1 ph, 30A, 50/60Hz	200 - 240 VAC, 1 ph, 60A, 50/60Hz	200 - 240 VAC, 1 ph, 90A, 50/60Hz	200 - 240 VAC, 1 ph, 120A, 50/60Hz	480 VAC, 3 ph, 100A, 50/60Hz					480 VAC, 3 ph, 400A, 50/60Hz
Flow rate (± 15%)	1.3 gph 4.9 lph	2.7 gph 10.2 lph	6 gph 22.7 lph	9 gph 34 lph	9 gph 34 lph	19 gph 72 lph	38 gph 144 lph	57 gph 216 lph	76 gph 288 lph	75 gph 284 lph	150 gph 568 lph	225 gph 852 lph	300 gph 1136 lph	375 gph 1420 lph	1,200 gph 4,542 lph
Feed Water Temperature Required	40° F to 95° F 4° C to 35° C		50° F to 80° F 10° C to 27° C			50° F to 80° F 10° C to 27° C				50° F to 80° F 13° C to 27° C					55° F to 80° F 13° C to 27° C
Dimensions (WxDxH)	21" x 16" x 14" 53 cm x 41 cm x 36 cm		45" x 44" x 19" 94 cm x 86.4 cm x 68.6 cm			38" x 18" x 64.25" 96.5 cm x 45.7 cm x 163.2 cm				61.9" x 42.6" x 86.1" 157.2 cm x 108.2 cm x 218.7 cm					92.4" x 41.5" x 79.2" 235 cm x 105 cm x 201 cm
HYP0						VAULT				RIO					RIO GRANDE
						Vault H25	Vault H50	Vault H75	Vault H100	RIO H1	RIO H2	RIO H3	RIO H4	RIO H5	RIO Grande H16
lbs/day FAC Capacity kg/day FAC Capacity						25 lbs/day 11.3 kg/day	50 lbs/day 22.7 kg/day	75 lbs/day 34 kg/day	100 lbs/day 45.4 kg/day	100 lbs/day 45 kg/day	200 lbs/day 91 kg/day	300 lbs/day 136 kg/day	400 lbs/day 181 kg/day	500 lbs/day 227 kg/day	1,550 lbs/day 703 kg/day
12.5% Bleach Equivalent						25 gal/day 95 L/day	50 gal/day 189 L/day	75 gal/day 284 L/day	100 gal/day 378 L/day	100 gal/day 378 L/day	200 gal/day 757 L/day	300 gal/day 1,135 L/day	400 gal/day 1,514 L/day	500 gal/day 1,892 L/day	1,550 gal/day 5,867 L/day
Water Treatment Capacity (at 1ppm FAC)						3.0 MGD 11,355 m ³ /day	6.0 MGD 22,710 m ³ /day	9.0 MGD 34,065 m ³ /day	12 MGD 45,420 m ³ /day	12 MGD 45,425 m ³ /day	24MGD 90,850 m ³ /day	36 MGD 136,275 m ³ /day	48 MGD 181,700 m ³ /day	60 MGD 227,125 m ³ /day	186 MGD 700,000 m ³ /day
Salt Conversion [SCE]*						3.0 lb salt / lb FAC 3.0 kg salt / kg FAC				3.0 lb salt / lb FAC 3.0 kg salt / kg FAC					3.0 lb salt / lb FAC 3.0 kg salt / kg FAC
Energy Conversion [ECE]*						2.0 kW-hr / lb FAC 4.4 kW-hr / kg FAC				2.0 kW-hr / lb FAC 4.4 kW-hr / kg FAC					2.0 kW-hr / lb FAC 4.4 kW-hr / kg FAC
FAC Concentration						6,500 mg/L ± 1,000 mg/L				8,000 mg/L ± 1,000 mg/L					8,000 mg/L ± 1,000 mg/L
Electrical Service Requirement [OSG only]						200 - 240 VAC, 1 ph, 30A, 50/60Hz	200 - 240 VAC, 1 ph, 60A, 50/60Hz	200 - 240 VAC, 1 ph, 90A, 50/60Hz	200 - 240 VAC, 1 ph, 120A, 50/60Hz	480 VAC, 3 ph, 100A, 50/60Hz					480 VAC, 3 ph, 400A, 50/60Hz
Flow rate (± 15%)						22.5 gph 85.2 lph	45 gph 170.4 lph	67.5gph 255.6lph	90 gph 340.8 lph	75 gph 284 lph	150 gph 568 lph	225 gph 852 lph	300 gph 1136 lph	375 gph 1420 lph	1,200 gph 4,542 lph
Feed Water Temperature Required						50° F to 80° F 10° C to 27° C				50° F to 80° F 10° C to 27° C					55° F to 80° F 13° C to 27° C
Dimensions (WxDxH)						38" x 18" x 64.25" 96.5 cm x 45.7 cm x 163.2 cm				61.9" x 42.6" x 86.1" 157.2 cm x 108.2 cm x 218.7 cm					92.4" x 41.5" x 79.2" 235 cm x 105 cm x 201 cm

*Performance may vary depending on salt quality, water quality, and water temperature.

