



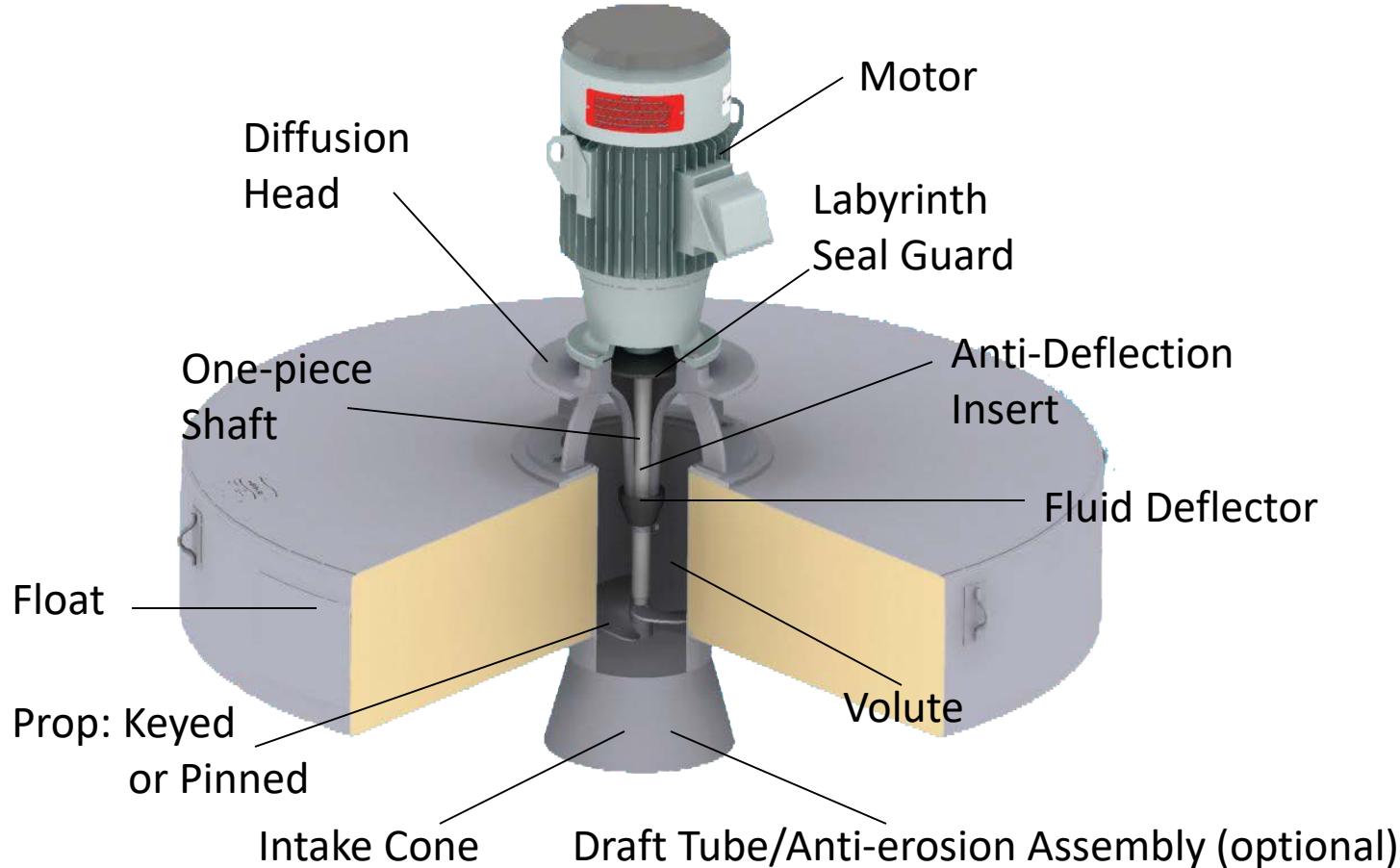
AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

Aqua-Jet® Surface Aerator

Aqua-Jet® Aerator



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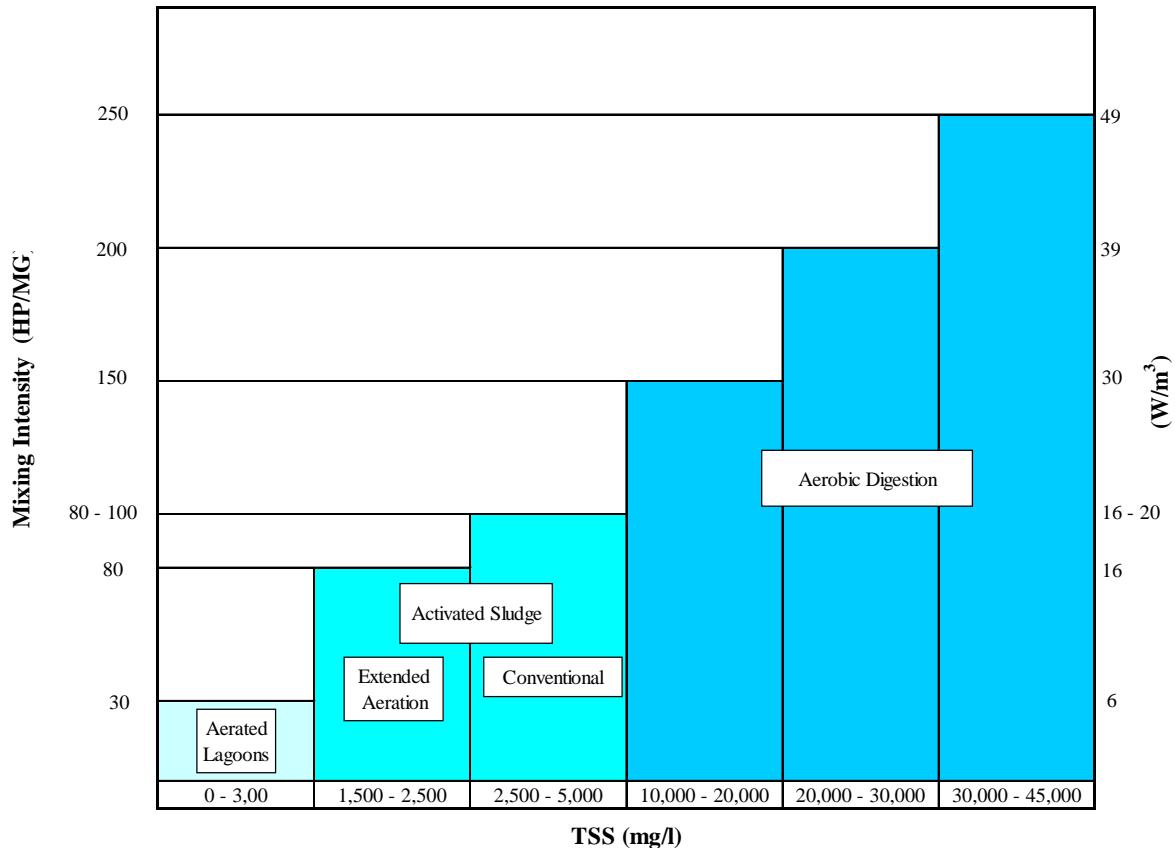


Aqua-Jet® Aerator

General Mixing Guidelines



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Typical Characteristics



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Unit Size (HP)	RPM	Z _{CM} Dia (Ft)	D (Ft)	Z _{OD} Dia (Ft)	Impingement Dia (Ft)
1	1800	20	6	65	6.5
2	1800	28	6	90	7.0
3	1800	40	6	145	14
5	1800	45	6	150	15
7.5	1800	50	8	160	18
10	1800	51	8	172	18
15	1800	62	10	200	20
20	1200	72	10	230	20
25	1200	80	10	255	24
30	1200	88	10	280	24
40	1200	102	10	325	26
50	1200	105	12	330	26
60	1200	115	12	350	27
75	1200	130	12	380	30
100	900	135	15	395	36
125	900	150	15	440	38
150	900	165	15	485	40

Notes: This table gives typical performance rates as applied to operational systems and they cannot be guaranteed on a random, non-steady basis.

D = Normal operating depth in which the Z_{CM} and Z_{OD} hold true.

Z_{CM} – Zone of Complete Mix (assumes conventional activated sludge mixed liquor concentrations)

Z_{OD} = Zone of Oxygen Dispersion

Impingement = Diameter of water spray pattern

Aqua-Jet® Applications



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Installation Profile

MacLaren Pulp and Paper, CN



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Installation Profile

Ferndale, WA



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Installation Profile

International Bio-synthetics, SC



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Installation Profile

Aqua-Jet II® - Lykens, PA



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SS-PW for THM Removal

Aqua-Jet® Model SS-PW



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Effective Removal of Total Trihalomethanes (TTHM)

- Certified to NSF/ANSI 61 by UL for Potable Water Applications
 - THM Stripping
 - Tank Circulation and Mixing
- Available in 1-15 HP
- Corrosion Resistant Materials
- Floating Unit Adjusts to Water Level Variations
- Multiple Units Save Energy During Low THM Production
- Lower Capital and O&M Costs Compared to Other Strategies



Aqua-Jet® Model SS-PW

Installation: Mesa, AZ



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Aqua-Jet® Model SS-PW

Installation: Phoenix, AZ



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Aqua-Jet® Model SS-PW

Installation: Phoenix, AZ



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