

RBE (INDOOR/OUTDOOR) SERIES SPECIFICATIONS

Feature/Specification	RBE-4R	RBE-6R	RBE-8R	RBE-12R	RBE-8R/60	RBE-10R/60	RBE-12R/60	RBE-24R	RBE-16R/60	RBE-20R/60	RBE-24R/60
Maximum Capacity ① Clear Fresh Water (C of A 0.06)	40 GPM 9.1 m ³ /hr.	60 GPM 13.6 m ³ /hr.	80 GPM 18.2 m ³ /hr.	130 GPM 29.5 m ³ /hr.	166 GPM 37.7 m ³ /hr.	215 GPM 48.9 m ³ /hr.	260 GPM 51.9 m ³ /hr.	260 GPM 51.9 m ³ /hr.	332 GPM 75.5 m ³ /hr.	430 GPM 97.7 m ³ /hr.	520 GPM 118.2 m ³ /hr.
Distilled DI / RO ① Water (C of A 0.01)	50 GPM 11.4 m ³ /hr.	78 GPM 17.7 m ³ /hr.	100 GPM 22.7 m ³ /hr.	156 GPM 35.5 m ³ /hr.	200 GPM 45.5 m ³ /hr.	260 GPM 59.1 m ³ /hr.	315 GPM 71.6 m ³ /hr.	315 GPM 71.6 m ³ /hr.	400 GPM 90.9 m ³ /hr.	520 GPM 118.2 m ³ /hr.	630 GPM 143.2 m ³ /hr.
Number of UV Lamps	4	6	8	12	8	10	12	24	16	20	24
UV Dosage ② Microwatt Seconds/cm ²	>30,000	>30,000	>30,000	>30,000	>30,000	>30,000	>30,000	>30,000	>30,000	>30,000	>30,000
Standard Operating Pressure	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)
High Pressure Modification up to 150 psi (10.34 bar)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Cabinet Housing Material	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.
Treatment Chamber Material	316L S.S.	316L S.S.	316L S.S.	316L S.S.	316L S.S.	316L S.S.	316L S.S.	316L S.S.	316L S.S.	316L S.S.	316L S.S.
Sanitary Fittings	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
S-254 Optical UV Sensor	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
4-20 mA Output Signal	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Temperature Safety Control	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Lamp Out Alert Circuit	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Total Current (Amps) @ 120 (240) VAC	1.9 (1.5)	3.0 (2.2)	3.9 (2.8)	4.6 (4.1)	4.6 (4.5)	5.8 (5.6)	6.5 (6.6)	9.0 (8.2)	9.6 (9.0)	13 (11.1)	14.5 (13.3)
Total Power (Watts) @ 120 (240) VAC	230 (360)	360 (520)	470 (680)	550 (990)	550 (1080)	700 (1340)	780 (1590)	1080 (1980)	1150 (2160)	1560 (2670)	1740 (3190)
Inlet/Outlet ③ Size	2" (50mm) R.F. Flange	2" (50mm) R.F. Flange	3" (80mm) R.F. Flange	3" (80mm) R.F. Flange	4" (100mm) R.F. Flange	4" (100mm) R.F. Flange	4" (100mm) R.F. Flange	3"x 2 (80mm) R.F. Flange	4"x 2 (100mm) R.F. Flange	4"x 2 (100mm) R.F. Flange	4" x 2 (100mm) R.F. Flange
Electrical Cabinet LxWxH: Inches (cm)	24 x 12 x 28 (61 x 30 x 70)	24 x 12 x 28 (61 x 30 x 70)	24 x 12 x 28 (61 x 30 x 70)	24 x 12 x 28 (61 x 30 x 70)	24 x 12 x 28 (61 x 30 x 70)	24 x 12 x 28 (61 x 30 x 70)	24 x 12 x 28 (61 x 30 x 70)	32 x 13 x 43 (81 x 33 x 109)	32 x 13 x 43 (81 x 33 x 109)	32 x 13 x 43 (81 x 33 x 109)	32 x 13 x 43 (81 x 33 x 109)
Treatment Chamber LxWxH: Inches (cm)	43 x 11 x 19 (110 x 28 x 48)	41 x 11 x 20 (110 x 28 x 48)	41 x 11 x 21 (110 x 28 x 48)	45 x 11 x 22 (110 x 28 x 48)	72 x 11 x 23 (183 x 28 x 58)	72 x 11 x 23 (183 x 28 x 58)	72 X 11 X 23 (183 x 28 x 58)	43 x 23 x 22 (183 x 58 x 56)	72 x 23 x 23 (183 x 58 x 58)	72 x 23 x 23 (183 x 58 x 58)	72 x 23 x 23 (183 x 58 x 58)
Shipping Weight ④ lbs. (kg)	300 (136)	310 (141)	320 (145)	335 (152)	370 (168)	405 (184)	420 (191)	735 (333)	770 (349)	830 (377)	863 (392)
Shipping Size ft ³ (m ³)	36.1 (1.02)	36.1 (1.02)	36.1 (1.02)	36.1 (1.02)	54.5 (1.54)	54.5 (1.54)	54.5 (1.54)	36.1 + 36.1 (1.02 + 1.02)	54.5 + 36.1 (1.54 + 1.02)	54.5 + 36.1 (1.54 + 1.02)	54.5 + 36.1 (1.54 + 1.02)

① Capacities listed are for disinfection only.
For other applications, contact Aquafine.

② After 8,000 hours of operation based on a coefficient of absorption of 0.06 at 254nm.

③ ANSI Class 150 flange is standard. Sanitary ferrule is optional.

④ Weights shown are approximate and will vary according to
power requirements and specified options.

Specifications are subject to change without notice.

Optional features shown are available
at an additional charge.

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