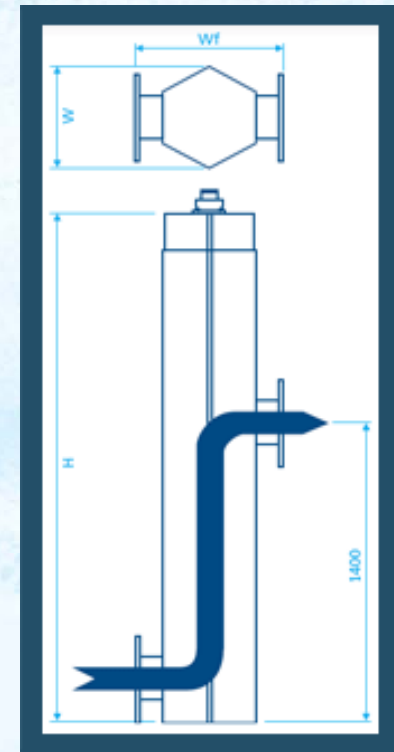


## Aquatec UV Systems



### Facts

- Low pressure - High Efficiency lamps
- 40% UV generation of the Lamp effect
- Maintenance without stops
- Cleaning without stops  
Optimal placement of lamps
- Radiation chamber is stainless steel
- Quartz protection tubes
- Electronic ballasts
- Standard DIN connections
- Competitive pricing on replacement lamps

### BENEFITS

- High UV dose versus energy consumption
- Low maintenance cost
- Easy to keep clean
- Low pressure loss – low head system
- No disturbance while maintenance / cleaning
- Low energy cost versus capacity
- Quartz tubes secure optimal temperature on lamps.
- Higher lamp performance due to the electronic ballast



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# Low pressure lamp UV systems

LFHD = Low Flow High Dose - Minimum dose 60 mW\*s/cm2

Flow Lps	Type	With turbidity / transmission % of <b>95 %</b>																Measures			Power consumption kWh	
		Dose mW*s/cm2																mm				
		60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	H	Wf		W
AQS 6	6	28	21	17	14	12,1	10,6	9,4	8,5	7,7	7,1	6,5	6,1	5,7	5,3	5,0	4,7	4,5	2370	416	202	1,14
AQS 12	12	55	41	33	27	24	21	18	16	15	14	12,7	11,8	11,0	10,3	9,7	9,2	8,7	2370	527	332	2,28
AQS 18	18	85	64	51	43	37	32	28	26	23	21	20	18	17	16	15	14	13	2370	527	332	3,42
AQS 30	30	141	106	85	71	60	53	47	42	38	35	33	30	28	26	25	24	22	2370	641	462	5,70
AQS 36	36	172	129	103	86	74	64	57	51	47	43	40	37	34	32	30	29	27	2370	641	462	6,84
AQS 54	54	256	192	153	128	110	96	85	77	70	64	59	55	51	48	45	43	40	2370	754	592	10,26
AQS 60	60	286	215	172	143	123	107	95	86	78	72	66	61	57	54	51	48	45	2370	754	592	11,40
AQS 120	120	572	429	343	286	245	215	191	172	156	143	132	123	114	107	101	95	90	2370	754	1184	22,80
AQS 180	180	859	644	515	429	368	322	286	258	234	215	198	184	172	161	152	143	136	2370	754	1776	34,20
AQS 240	240	1145	859	687	572	491	429	382	343	312	286	264	245	229	215	202	191	181	2370	754	2368	45,60
AQS 300	300	1431	1073	859	715	613	537	477	429	390	358	330	307	286	268	253	238	226	2370	754	2960	57,00
AQS 360	360	1717	1288	1030	859	736	644	572	515	468	429	396	368	343	322	303	286	271	2370	754	3552	68,40
AQS 420	420	2003	1503	1202	1002	859	751	668	601	546	501	462	429	401	376	354	334	316	2370	754	4144	79,80
AQS 480	480	2290	1717	1374	1145	981	859	763	687	624	572	528	491	458	429	404	382	362	2370	754	4736	91,20
AQS 540	540	2576	1932	1545	1288	1104	966	859	773	702	644	594	552	515	483	455	429	407	2370	754	5328	102,60
AQS 600	600	2862	2146	1717	1431	1227	1073	954	859	781	715	660	613	572	537	505	477	452	2370	754	5920	114,00
AQS 660	660	3148	2361	1889	1574	1349	1181	1049	944	859	787	726	675	630	590	556	525	497	2370	754	6512	125,40
AQS 720	720	3434	2576	2061	1717	1472	1288	1145	1030	937	859	793	736	687	644	606	572	542	2370	754	7104	136,80
AQS 780	780	3720	2790	2232	1860	1594	1395	1240	1116	1015	930	859	797	744	698	657	620	587	2370	754	7696	148,20
AQS 840	840	4007	3005	2404	2003	1717	1503	1336	1202	1093	1002	925	859	801	751	707	668	633	2370	754	8288	159,60
AQS 900	900	4293	3220	2576	2146	1840	1610	1431	1288	1171	1073	991	920	859	805	758	715	678	2370	754	8880	171,00
AQS 960	960	4579	3434	2747	2290	1962	1717	1526	1374	1249	1145	1057	981	916	859	808	763	723	2370	754	9472	182,40
AQS 1020	1020	4865	3649	2919	2433	2085	1824	1622	1460	1327	1216	1123	1043	973	912	859	811	768	2370	754	10064	193,80
AQS 1080	1080	5151	3864	3091	2576	2208	1932	1717	1545	1405	1288	1189	1104	1030	966	909	859	813	2370	754	10656	205,20
AQS 1140	1140	5438	4078	3263	2719	2330	2039	1813	1631	1483	1359	1255	1165	1088	1020	960	906	859	2370	754	11248	216,60