

The PULSATOR 205™

Smart Climate Control



Data Sheet

Standard Units



COVERAGE

Effective Wetting Radius (ft)	Wetting Area (sq ft)	Average Precipitation Rate Range	Wetting Type
11 feet	380 square feet	0.013 to 0.066 inches/hour	100% of the area

PULSATORS PER ACRE

Distance (ft x ft)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Area (sq ft)	400	320	280	256	25
No. of Pulsators	109	137	156	171	400

PRECIPITATION

Distance (ft x ft)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Area (sq ft)	400	320	280	256	25
Gallons/Hour	Inches/Hour				
3.2	0.013	0.016	0.018	0.02	0.48
4.0	0.016	0.02	0.023	0.025	0.6
5.3	0.021	0.027	0.03	0.033	0.8
6.6	0.026	0.033	0.038	0.041	1
7.9	0.032	0.04	0.045	0.05	1.2
9.2	0.037	0.046	0.053	0.058	1.4
10.6	0.043	0.053	0.061	0.066	1.6

DISCHARGE

Distance (ft x ft)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Area (sq ft)	400	320	280	256	25
Gallons / hour	Gallons/hour/acre				
3.2	348	438	499	547	1.33
4.0	436	548	624	684	1.67
5.3	577	726	826	906	2.22
6.6	719	904	1,029	1,128	2.78
7.9	861	1,082	1,232	1,350	3.33
9.2	1,002	1,260	1,435	1,573	3.89
10.6	1,155	1,452	1,653	1,812	4.44

VOLUME

Distance (ft x ft)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Area (sq ft)	400	320	280	256	25
Gallons/Hour	Acre/Feet/Hour				
3.2	0.00107	0.00134	0.00153	0.00168	4.8
4.0	0.00134	0.00168	0.00191	0.00210	6
5.3	0.00177	0.00223	0.00253	0.00278	8
6.6	0.00221	0.00277	0.00316	0.00346	10
7.9	0.00264	0.00332	0.00378	0.00414	12
9.2	0.00308	0.00387	0.00440	0.00483	14
10.6	0.00354	0.00446	0.00507	0.00556	16



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