

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
Area (sq ft)	400	320	280	256
No. of Pulsators	109	137	156	171

PRECIPITATION

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

DISCHARGE

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

VOLUME

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



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FICHA DE DATOS

Unidades Americanas



COBERTURA

Radio de Mojado Efectivo (ft)	Área de Mojado (sq ft)	Tasa de Precipitación Promedio	Tipo de Mojado
11 pies	380 pies cuadrados	0.013 to 0.066 Pulgadas/Hora	100% del area

PULSADORES POR ACRE

Distancia (pies x pies)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Área (sq ft)	400	320	280	256	25
No. de Pulsadores	109	137	156	171	400

RANGO DE TASA DE PRECIPITACIÓN

Distancia (pies x pies)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Área (sq ft)	400	320	280	256	25
Galones/Hora	Pulgadas/Hora				
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

CAUDAL

Distancia (pies x pies)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Área (sq ft)	400	320	280	256	25
Galones/hora	Galones/Minuto/Acre				
3.2	5.81	7.31	8.32	9.12	1.33
4.0	7.27	9.13	10.40	11.40	1.67
5.3	9.63	12.10	13.78	15.11	2.22
6.6	11.99	15.07	17.16	18.81	2.78
7.9	14.35	18.04	20.54	22.52	3.33
9.2	16.71	21.01	23.92	26.22	3.89
10.6	19.26	24.20	27.56	30.21	4.44

VOLUMEN

Distancia (pies x pies)	20 x 20	20 x 16	20 x 14	16 x 16	5 x 5
Área (sq ft)	400	320	280	256	25
Galones/hora	Acre/Pies/Hora				
3.2	0.00002	0.00002	0.00003	0.00003	4.8
4.0	0.00002	0.00003	0.00003	0.00003	6
5.3	0.00003	0.00004	0.00004	0.00005	8
6.6	0.00004	0.00005	0.00005	0.00006	10
7.9	0.00004	0.00006	0.00006	0.00007	12
9.2	0.00005	0.00006	0.00007	0.00008	14
10.6	0.00006	0.00007	0.00008	0.00009	16



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