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Aqua-Traxx®
Premium Drip Tape

TORO® Micro-Irrigation Business

1588 N. Marshall Ave., El Cajon, CA 92020 U.S.A.
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Fax 800-892-1822 or 619-258-9973

ALT049-1 REV 09/06



Count on it.

Aqua-Traxx®
Premium Drip Tape

PERFORMANCE
CHARTS

	Q-100 GPM @ 8 PSI			
Outlet Spacing	0.13 GPH Emitter	0.20 GPH Emitter	0.27 GPH Emitter	0.34 GPH Emitter
4"	-	-	1.34	-
8"	0.34	0.50	0.67	0.84
12"	0.22	0.34	0.45	0.56
16"	0.17	0.25	0.34	0.42
24"	0.11	0.17	0.22	0.28

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA5XX0834** LENGTH OF RUN IN FEET

.34 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	641	646	649	653	655
85	807	814	818	822	826
80	941	948	953	958	961

1% DOWN

EU	6	8	10	12	14
90	827	827	818	809	800
85	1029	1025	1017	1005	995
80	1187	1185	1177	1168	1159

2% DOWN

EU	6	8	10	12	14
90	702	803	831	841	843
85	988	1026	1043	1047	1048
80	1151	1185	1201	1207	1209

3% DOWN

EU	6	8	10	12	14
90	136	191	759	809	832
85	877	973	1014	1037	1049
80	1083	1143	1177	1197	1209

1% UP

EU	6	8	10	12	14
90	273	333	379	415	443
85	405	475	527	565	595
80	497	573	629	670	703

2% UP

EU	6	8	10	12	14
90	151	196	238	275	307
85	240	306	261	408	447
80	309	386	449	501	544

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA5XX1222** LENGTH OF RUN IN FEET

.22 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	851	857	862	866	869
85	1072	1079	1086	1090	1095
80	1249	1258	1265	1271	1275

1% DOWN

EU	6	8	10	12	14
90	1079	1105	1106	1100	1091
85	1362	1375	1374	1365	1355
80	1569	1587	1586	1581	1571

2% DOWN

EU	6	8	10	12	14
90	207	936	1054	1096	1116
85	1226	1320	1363	1385	1396
80	1471	1538	1576	1597	1608

3% DOWN

EU	6	8	10	12	14
90	133	181	235	935	1037
85	283	1171	1277	1332	1364
80	1323	1447	1513	1553	1581

1% UP

EU	6	8	10	12	14
90	290	365	427	478	519
85	445	541	614	672	717
80	557	664	744	805	855

2% UP

EU	6	8	10	12	14
90	153	201	247	290	330
85	247	321	387	447	499
80	320	412	491	560	619

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA5XX1617** LENGTH OF RUN IN FEET

.17 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1005	1013	1019	1024	1028
85	1268	1276	1284	1289	1295
80	1475	1487	1495	1503	1507

1% DOWN

EU	6	8	10	12	14
90	1240	1299	1313	1313	1307
85	1593	1627	1633	1631	1623
80	1841	1872	1885	1883	1879

2% DOWN

EU	6	8	10	12	14
90	204	284	1161	1256	1299
85	1337	1511	1581	1621	1643
80	1683	1783	1839	1873	1895

3% DOWN

EU	6	8	10	12	14
90	133	179	228	283	1083
85	273	391	1427	1521	1576
80	491	1640	1739	1800	1841

1% UP

EU	6	8	10	12	14
90	296	379	451	511	561
85	463	575	663	733	791
80	585	713	811	888	949

2% UP

EU	6	8	10	12	14
90	155	204	251	296	340
85	249	327	399	464	524
80	325	421	509	588	657

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA5XX2411** LENGTH OF RUN IN FEET

.11 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1334	1344	1352	1358	1364
85	1682	1694	1704	1712	1718
80	1956	1972	1984	1994	2000

1% DOWN

EU	6	8	10	12	14
90	1378	1656	1722	1748	1756
85	2044	2130	2168	2182	2182
80	2388	2460	2496	2516	2520

2% DOWN

EU	6	8	10	12	14
90	200	272	350	444	1594
85	420	1786	1980	2072	2128
80	882	2248	2358	2426	2470

3% DOWN

EU	6	8	10	12	14
90	132	178	222	270	322
85	268	366	478	1790	1946
80	444	652	2140	2264	2346

1% UP

EU	6	8	10	12	14
90	302	396	480	556	622
85	484	618	732	830	910
80	622	782	914	1022	1110

2% UP

EU	6	8	10	12	14
90	156	206	256	304	350
85	252	334	410	484	554
80	330	434	532	624	708

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA5XX0850** LENGTH OF RUN IN FEET

.50 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	499	503	506	508	510
85	629	633	637	640	643
80	733	737	741	745	748

1% DOWN

EU	6	8	10	12	14
90	639	631	622	614	607
85	794	785	774	764	756
80	917	909	899	889	881

2% DOWN

EU	6	8	10	12	14
90	616	645	652	651	648
85	792	807	811	809	805
80	915	930	934	934	931

3% DOWN

EU	6	8	10	12	14
90	143	597	635	651	657
85	747	788	807	815	819
80	880	913	931	939	943

1% UP

EU	6	8	10	12	14
90	253	299	331	356	375
85	362	413	449	475	496
80	437	492	531	559	582

2% UP

EU	6	8	10	12	14
90	148	189	225	255	280
85	231	287	331	365	394
80	292	355	404	442	473

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA5XX1234** LENGTH OF RUN IN FEET

.34 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	641	646	649	653	655
85	807	814	818	822	826
80	941	948	953	958	961

1% DOWN

EU	6	8	10	12	14
90	827	826	818	808	800
85	1029	1025	1016	1005	995
80	1187	1185	1177	1068	1158

2% DOWN

EU	6	8	10	12	14
90	702	802	831	841	843
85	988	1026	1042	1047	1048
80	1151	1185	1201	1207	1209

3% DOWN

EU	6	8	10	12	14
90	136	192	759	809	832
85	877	973	1014	1037	1049
80	1083	1143	1177	1197	1209

1% UP

EU	6	8	10	12	14
90	274	334	380	415	443
85	406	476	527	565	596
80	498	574	629	670	703

2% UP

EU	6	8	10	12	14
90	151	197	238	275	308
85	241	306	362	408	447
80	309	387	450	502	544

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA5XX1625** LENGTH OF RUN IN FEET

.25 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	763	769	773	776	780
85	961	968	975	979	983
80	1119	1128	1133	1140	1144

1% DOWN

EU	6	8	10	12	14
90	977	991	987	977	969
85	1225	1229	1224	1215	1204
80	1411	1420	1415	1408	1399

2% DOWN

EU	6	8	10	12	14
90	213	905	969	993	1004
85	1136	1201	1232	1247	1252
80	1341	1395	1423	1423	1443

3% DOWN

EU	6	8	10	12	14
90	135	184	244	909	961
85	293	1101	1175	1213	1236
80	1233	1325	1377	1408	1429

1% UP

EU	6	8	10	12	14
90	285	355	411	455	491
85	432	517	581	631	671
80	536	631	700	753	795

2% UP

EU	6	8	10	12	14
90	153	200	244	285	323
85	245	316	380	433	481
80	317	404	477	540	592

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA5XX2417** LENGTH OF RUN IN FEET

.17 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1006	1012	1018	1024	1028
85	1268	1276	1284	1290	1294
80	1474	1474	1494	1502	1506

1% DOWN

EU	6	8	10	12	14
90	1238	1298	1312	1312	1306
85	1594	1626	1634	1630	1622
80	1840	1872	1884	1882	1878

2% DOWN

EU	6	8	10	12	14
90	204	284	1162	1256	1298
85	1338	1510	1580	1620	1642
80	1682	1782	1838	1874	1894

3% DOWN

EU	6	8	10	12	14
90	134	180	228	284	1082
85	274	392	1428	1522	1576
80	492	1640	1738	1800	1842

1% UP

EU	6	8	10	12	14
90	298	380	452	512	564
85	464	574	664	734	792
80	586	714	812	888	950

2% UP

EU	6	8	10	12	14
90	154	204	252	298	340
85	250	328	400	466	524
80	326	424	512	590	658

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA5XX04134** LENGTH OF RUN IN FEET

1.34 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	263	265	267	268	269
85	331	334	336	337	339
80	386	389	391	393	394

1% DOWN					
EU	6	8	10	12	14
90	319	312	307	303	301
85	397	389	383	379	376
80	462	454	447	443	439

2% DOWN					
EU	6	8	10	12	14
90	338	334	330	325	322
85	419	415	410	405	400
80	484	481	476	471	467

3% DOWN					
EU	6	8	10	12	14
90	336	342	341	338	335
85	422	425	423	420	416
80	486	490	489	487	483

1% UP					
EU	6	8	10	12	14
90	182	200	213	222	228
85	244	263	277	286	294
80	287	309	323	334	342

2% UP					
EU	6	8	10	12	14
90	129	153	171	184	195
85	186	213	232	247	258
80	225	255	275	291	303

Note: XX in part number designates tape wall thickness in mils.

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA5XX0867** LENGTH OF RUN IN FEET

.67 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	413	416	418	420	421
85	520	524	527	529	531
80	605	610	613	617	619

1% DOWN					
EU	6	8	10	12	14
90	522	513	505	497	492
85	648	637	628	620	613
80	751	741	731	723	715

2% DOWN					
EU	6	8	10	12	14
90	525	536	536	532	528
85	661	667	665	661	655
80	762	768	768	765	761

3% DOWN					
EU	6	8	10	12	14
90	466	520	536	541	542
85	639	662	671	674	673
80	743	764	773	776	777

1% UP					
EU	6	8	10	12	14
90	234	269	295	313	327
85	327	366	393	413	427
80	391	433	462	484	501

2% UP					
EU	6	8	10	12	14
90	145	181	211	236	256
85	221	267	303	331	352
80	276	327	366	395	419

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA5XX1245** LENGTH OF RUN IN FEET

.45 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	534	538	541	544	546
85	673	678	682	685	688
80	784	790	794	798	801

1% DOWN

EU	6	8	10	12	14
90	687	680	671	662	654
85	853	844	834	824	814
80	984	978	969	959	950

2% DOWN

EU	6	8	10	12	14
90	647	686	698	699	697
85	842	863	869	868	865
80	975	995	1001	1003	1000

3% DOWN

EU	6	8	10	12	14
90	140	617	672	693	702
85	785	837	860	872	877
80	933	972	993	1005	1010

1% UP

EU	6	8	10	12	14
90	260	309	345	372	394
85	375	431	470	499	522
80	455	515	557	589	614

2% UP

EU	6	8	10	12	14
90	149	192	229	261	288
85	234	293	340	378	409
80	298	365	417	459	493

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA5XX1634** LENGTH OF RUN IN FEET

.34 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	641	645	649	652	655
85	807	813	817	821	825
80	941	948	953	957	961

1% DOWN

EU	6	8	10	12	14
90	827	827	817	808	800
85	1029	1025	1016	1005	995
80	1187	1184	1177	1168	1159

2% DOWN

EU	6	8	10	12	14
90	703	803	831	841	843
85	988	1025	1043	1047	1048
80	1151	1185	1201	1207	1209

3% DOWN

EU	6	8	10	12	14
90	136	192	760	809	832
85	877	972	1013	1036	1049
80	1083	1144	1177	1197	1209

1% UP

EU	6	8	10	12	14
90	275	335	380	415	443
85	405	476	527	565	596
80	497	575	629	671	703

2% UP

EU	6	8	10	12	14
90	152	197	239	276	308
85	241	307	363	409	448
80	309	387	451	503	544

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA5XX2422** LENGTH OF RUN IN FEET

.22 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	850	856	862	866	868
85	1072	1078	1086	1090	1094
80	1248	1258	1264	1270	1274

1% DOWN

EU	6	8	10	12	14
90	1078	1104	1106	1098	1090
85	1362	1374	1374	1364	1354
80	1568	1586	1586	1580	1570

2% DOWN

EU	6	8	10	12	14
90	208	936	1054	1096	1116
85	1226	1320	1362	1384	1396
80	1470	1538	1576	1596	1608

3% DOWN

EU	6	8	10	12	14
90	134	182	236	936	1036
85	284	1170	1278	1332	1364
80	1324	1448	1512	1552	1580

1% UP

EU	6	8	10	12	14
90	292	366	428	478	520
85	446	542	616	672	718
80	558	664	744	806	856

2% UP

EU	6	8	10	12	14
90	154	204	248	292	332
85	248	322	388	448	500
80	322	412	492	562	620

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA5XX0884** LENGTH OF RUN IN FEET

.84 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	359	362	364	365	367
85	452	455	455	461	462
80	527	531	531	537	539

1% DOWN

EU	6	8	10	12	14
90	449	440	433	427	422
85	557	547	539	533	527
80	647	637	628	621	615

2% DOWN

EU	6	8	10	12	14
90	461	465	462	458	453
85	577	577	574	569	563
80	664	667	664	660	655

3% DOWN

EU	6	8	10	12	14
90	434	461	469	470	469
85	566	580	584	583	582
80	655	668	673	674	673

1% UP

EU	6	8	10	12	14
90	219	248	268	283	294
85	301	332	354	370	382
80	358	392	415	433	447

2% UP

EU	6	8	10	12	14
90	141	174	200	221	237
85	211	252	281	304	322
80	261	305	337	362	381

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA5XX1256** LENGTH OF RUN IN FEET

.56 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	469	472	475	477	479
85	591	595	599	602	604
80	688	694	697	701	703

1% DOWN

EU	6	8	10	12	14
90	599	590	581	573	566
85	743	733	723	714	706
80	859	851	841	832	824

2% DOWN

EU	6	8	10	12	14
90	586	608	612	610	606
85	747	759	760	757	752
80	862	874	877	875	872

3% DOWN

EU	6	8	10	12	14
90	146	573	602	614	618
85	711	746	760	767	769
80	834	862	877	883	886

1% UP

EU	6	8	10	12	14
90	248	290	320	342	359
85	351	398	430	454	473
80	423	473	508	534	555

2% UP

EU	6	8	10	12	14
90	147	187	221	249	273
85	228	281	322	355	381
80	288	347	392	427	455

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA5XX1642** LENGTH OF RUN IN FEET

.42 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	559	563	565	569	571
85	704	709	713	717	719
80	819	827	831	835	839

1% DOWN

EU	6	8	10	12	14
90	719	713	704	695	687
85	892	885	876	864	856
80	1031	1025	1017	1007	996

2% DOWN

EU	6	8	10	12	14
90	667	715	729	732	731
85	877	901	909	909	907
80	1016	1039	1047	1051	1048

3% DOWN

EU	6	8	10	12	14
90	139	624	696	721	733
85	809	869	896	911	917
80	968	1012	1036	1049	1056

1% UP

EU	6	8	10	12	14
90	264	316	355	383	405
85	383	443	484	516	540
80	465	529	575	608	635

2% UP

EU	6	8	10	12	14
90	151	193	232	265	293
85	237	297	347	387	419
80	301	371	427	471	505

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA5XX2428****LENGTH OF RUN IN FEET****.28 gpm PER 100 FEET @ 8 psi****0% SLOPE****INLET PRESSURE**

EU	6	8	10	12	14
90	726	732	736	740	742
85	916	924	928	932	936
80	1066	1076	1080	1086	1090

1% DOWN

EU	6	8	10	12	14
90	934	942	936	928	918
85	1168	1170	1164	1152	1142
80	1344	1350	1346	1336	1326

2% DOWN

EU	6	8	10	12	14
90	216	880	930	950	958
85	1094	1152	1176	1188	1192
80	1288	1334	1358	1370	1374

3% DOWN

EU	6	8	10	12	14
90	136	186	770	886	926
85	886	1068	1128	1162	1182
80	1192	1274	1320	1346	1364

1% UP

EU	6	8	10	12	14
90	284	350	404	444	478
85	426	508	568	614	650
80	526	616	680	730	770

2% UP

EU	6	8	10	12	14
90	154	200	244	284	320
85	246	316	376	428	474
80	316	400	472	530	580

Aqua-Traxx® PERFORMANCE CHARTS**5/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EAXX3619****LENGTH OF RUN IN FEET****.19 GPM PER 100 FEET @ 8psi****0% SLOPE****INLET PRESSURE**

EU	6	8	10	12	14
90	945	954	960	963	966
85	1194	1203	1209	1215	1218
80	1392	1401	1407	1413	1422

1% DOWN

EU	6	8	10	12	14
90	1182	1227	1236	1233	1224
85	1509	1533	1536	1530	1521
80	1392	1401	1407	1413	1422

2% DOWN

EU	6	8	10	12	14
90	207	291	441	1200	1230
85	528	1440	1500	1533	1551
80	1605	1695	1740	1770	1788

3% DOWN

EU	6	8	10	12	14
90	135	180	231	288	366
85	279	405	1377	1455	1500
80	519	1569	1656	1707	1743

1% UP

EU	6	8	10	12	14
90	297	378	444	501	549
85	459	564	648	714	768
80	579	699	789	861	918

2% UP

EU	6	8	10	12	14
90	159	204	252	297	339
85	252	327	396	462	519
80	327	423	507	582	648

Aqua-Traxx®

7/8"

22 mm

Available Wall Thickness:

8 mil, 10 mil, 12 mil, and 15 mil

Outlet Spacing	Q-100 GPM @ 8 PSI			
	0.13 GPH Emitter	0.20 GPH Emitter	0.27 GPH Emitter	0.34 GPH Emitter
4"	-	-	1.34	-
8"	0.34	0.50	0.67	0.84
12"	0.22	0.34	0.45	0.56
16"	0.17	0.25	0.34	0.42
24"	0.11	0.17	0.22	0.28

Aqua-Traxx® PERFORMANCE CHARTS

7/8"

Emitter Flow Rate 0.13 GPH @ 8 psi

EA7XX0834 LENGTH OF RUN IN FEET

.34 gpm PER 100 FEET @ 8 psi

0% SLOPE

INLET PRESSURE

EU	6	8	10	12	14
90	1130	1139	1145	1151	1155
85	1423	1434	1442	1449	1455
80	1658	1670	1680	1687	1695

1% DOWN

EU	6	8	10	12	14
90	1342	1443	1474	1481	1479
85	1771	1822	1839	1841	1837
80	2053	2100	2118	2123	2121

2% DOWN

EU	6	8	10	12	14
90	201	276	367	1355	1429
85	441	1640	1743	1800	1833
80	1833	1967	2042	2087	2117

3% DOWN

EU	6	8	10	12	14
90	132	177	225	275	333
85	270	375	1495	1651	1731
80	463	1767	1903	1984	2039

1% UP

EU	6	8	10	12	14
90	298	385	463	530	587
85	471	593	693	774	841
80	601	743	854	943	1016

2% UP

EU	6	8	10	12	14
90	153	203	251	299	343
85	249	328	403	473	537
80	326	426	519	603	679

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA7XX1222** LENGTH OF RUN IN FEET

.22 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1500	1511	1519	1526	1533
85	1889	1903	1914	1923	1931
80	2199	2216	2230	2239	2248

1% DOWN

EU	6	8	10	12	14
90	427	1792	1909	1955	1975
85	2242	2367	2424	2451	2460
80	2644	2743	2796	2822	2833

2% DOWN

EU	6	8	10	12	14
90	198	268	342	425	1629
85	410	587	2133	2272	2352
80	738	2449	2594	2685	2746

3% DOWN

EU	6	8	10	12	14
90	132	176	221	268	316
85	265	360	463	585	2067
80	436	616	911	2466	2575

1% UP

EU	6	8	10	12	14
90	303	397	486	567	941
85	488	629	753	861	954
80	630	802	948	1070	1172

2% UP

EU	6	8	10	12	14
90	154	205	254	303	351
85	251	332	412	488	561
80	329	435	536	632	722

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA7XX1617** LENGTH OF RUN IN FEET

.17 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1773	1785	1797	1805	1812
85	2232	2249	2263	2273	2283
80	2603	2620	2633	2648	2659

1% DOWN

EU	6	8	10	12	14
90	412	1825	2171	2272	2319
85	2519	2732	2829	2881	2908
80	3043	3193	3275	3323	3349

2% DOWN

EU	6	8	10	12	14
90	197	265	336	411	493
85	403	559	2232	2545	2685
80	684	1153	2952	3088	3179

3% DOWN

EU	6	8	10	12	14
90	132	176	220	265	312
85	264	356	452	556	677
80	431	591	785	1119	2911

1% UP

EU	6	8	10	12	14
90	305	403	495	583	664
85	493	643	780	901	1011
80	643	828	992	1135	1256

2% UP

EU	6	8	10	12	14
90	155	205	256	305	353
85	252	333	415	493	571
80	331	437	543	643	739

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA7XX2411** LENGTH OF RUN IN FEET

.11 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	2352	2370	2384	2396	2404
85	2964	2984	3004	3018	3030
80	3450	3478	3498	3514	3528

1% DOWN

EU	6	8	10	12	14
90	400	548	722	2764	2944
85	868	3362	3600	3728	3802
80	3766	4064	4230	4328	4396

2% DOWN

EU	6	8	10	12	14
90	198	264	332	400	472
85	398	538	688	862	3138
80	652	912	1282	3812	3998

3% DOWN

EU	6	8	10	12	14
90	132	176	220	264	308
85	264	352	444	538	636
80	426	574	732	910	1126

1% UP

EU	6	8	10	12	14
90	308	408	504	600	690
85	500	658	810	952	1082
80	654	856	1046	1218	1374

2% UP

EU	6	8	10	12	14
90	156	206	258	308	358
85	254	336	418	500	580
80	334	442	548	654	756

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA7XX0850** LENGTH OF RUN IN FEET

.50 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	880	887	891	896	899
85	1109	1117	1123	1128	1133
80	1291	1300	1307	1314	1319

1% DOWN

EU	6	8	10	12	14
90	1111	1142	1145	1140	1131
85	1406	1423	1423	1415	1405
80	1621	1639	1641	1637	1629

2% DOWN

EU	6	8	10	12	14
90	206	922	1079	1129	1151
85	1253	1357	1405	1430	1443
80	1512	1585	1626	1649	1662

3% DOWN

EU	6	8	10	12	14
90	133	180	233	907	1057
85	280	1186	1309	1369	1406
80	1348	1485	1556	1601	1631

1% UP

EU	6	8	10	12	14
90	291	367	431	484	528
85	448	547	624	684	732
80	563	673	757	821	873

2% UP

EU	6	8	10	12	14
90	153	201	247	291	331
85	247	321	289	450	504
80	321	413	495	566	627

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA7XX1234** LENGTH OF RUN IN FEET

.34 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1130	1139	1145	1150	1155
85	1423	1434	1442	1450	1455
80	1658	1670	1680	1687	1695

1% DOWN

EU	6	8	10	12	14
90	1342	1443	1474	1481	1479
85	1771	1822	1839	1841	1836
80	2053	2100	2118	2123	2121

2% DOWN

EU	6	8	10	12	14
90	201	276	367	1356	1429
85	441	1639	1743	1800	1833
80	1832	1967	2042	2087	2117

3% DOWN

EU	6	8	10	12	14
90	132	177	225	276	333
85	270	376	1494	1650	1730
80	463	1767	1904	1984	2039

1% UP

EU	6	8	10	12	14
90	298	386	463	530	588
85	472	593	693	774	841
80	602	743	854	944	1016

2% UP

EU	6	8	10	12	14
90	154	204	252	299	344
85	250	328	403	473	537
80	326	427	519	604	680

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA7XX1625** LENGTH OF RUN IN FEET

.25 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1345	1356	1363	1369	1375
85	1695	1708	1717	1725	1732
80	1973	1988	1999	2009	2016

1% DOWN

EU	6	8	10	12	14
90	1357	1665	1736	1763	1772
85	2056	2147	2185	2199	2201
80	2404	2480	2516	2532	2539

2% DOWN

EU	6	8	10	12	14
90	199	271	348	441	1601
85	419	1788	1991	2087	2145
80	853	2261	2372	2441	2488

3% DOWN

EU	6	8	10	12	14
90	132	176	223	269	320
85	267	364	476	1792	1955
80	444	649	2152	2279	2361

1% UP

EU	6	8	10	12	14
90	303	395	479	556	623
85	483	617	733	831	913
80	621	783	915	1024	1115

2% UP

EU	6	8	10	12	14
90	155	205	253	303	349
85	251	332	409	484	553
80	329	433	531	623	708

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA7XX2417** LENGTH OF RUN IN FEET

.17 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1772	1786	1796	1804	1812
85	2232	2248	2262	2272	2282
80	2602	2620	2634	2648	2658

1% DOWN

EU	6	8	10	12	14
90	412	1826	2170	2272	2318
85	2518	2732	2830	2880	2908
80	3042	3192	3274	3322	3348

2% DOWN

EU	6	8	10	12	14
90	198	266	336	410	494
85	404	558	2232	2544	2684
80	684	1154	2952	3088	3178

3% DOWN

EU	6	8	10	12	14
90	132	176	220	266	312
85	264	356	452	556	678
80	430	592	786	1120	2912

1% UP

EU	6	8	10	12	14
90	306	404	496	584	666
85	494	644	780	902	1010
80	642	828	992	1134	1258

2% UP

EU	6	8	10	12	14
90	125	206	256	306	356
85	252	336	416	496	572
80	332	440	544	644	740

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA7XX04134** LENGTH OF RUN IN FEET

1.34 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	464	467	470	472	474
85	584	589	592	595	597
80	681	686	689	693	695

1% DOWN

EU	6	8	10	12	14
90	592	583	574	566	560
85	734	724	714	705	697
80	849	840	830	821	813

2% DOWN

EU	6	8	10	12	14
90	581	601	605	603	599
85	739	750	751	748	744
80	853	864	867	865	861

3% DOWN

EU	6	8	10	12	14
90	146	569	597	607	611
85	704	738	752	758	760
80	826	853	867	873	876

1% UP

EU	6	8	10	12	14
90	246	287	317	339	356
85	348	394	427	450	469
80	419	469	503	529	549

2% UP

EU	6	8	10	12	14
90	146	186	219	247	271
85	227	279	320	352	378
80	286	345	389	424	452

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA7XX0867** LENGTH OF RUN IN FEET

.67 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	727	733	737	741	743
85	917	923	929	933	937
80	1067	1075	1081	1087	1091

1% DOWN

EU	6	8	10	12	14
90	935	943	937	929	919
85	1168	1171	1163	1153	1143
80	1345	1351	1346	1337	1327

2% DOWN

EU	6	8	10	12	14
90	215	879	931	951	958
85	1095	1152	1177	1189	1193
80	1287	1334	1358	1369	1375

3% DOWN

EU	6	8	10	12	14
90	134	185	770	885	927
85	885	1067	1129	1163	1183
80	1191	1274	1319	1347	1365

1% UP

EU	6	8	10	12	14
90	281	349	401	443	477
85	424	506	566	613	649
80	525	615	680	729	769

2% UP

EU	6	8	10	12	14
90	151	199	242	282	318
85	243	313	374	427	471
80	314	399	470	529	579

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA7XX1245** LENGTH OF RUN IN FEET

.45 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	942	949	955	959	963
85	1187	1196	1203	1208	1213
80	1381	1393	1400	1407	1413

1% DOWN

EU	6	8	10	12	14
90	1177	1220	1229	1226	1218
85	1500	1524	1527	1521	1512
80	1731	1755	1761	1758	1751

2% DOWN

EU	6	8	10	12	14
90	204	290	1127	1194	1225
85	1303	1435	1494	1525	1542
80	1598	1685	1732	1761	1777

3% DOWN

EU	6	8	10	12	14
90	133	179	230	288	1088
85	276	1194	1372	1447	1492
80	520	1564	1648	1700	1735

1% UP

EU	6	8	10	12	14
90	293	374	441	498	545
85	456	561	644	710	762
80	575	694	785	855	912

2% UP

EU	6	8	10	12	14
90	153	202	249	294	336
85	248	324	394	458	514
80	323	418	503	578	643

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA7XX1634** LENGTH OF RUN IN FEET

.34 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1129	1139	1145	1151	1155
85	1423	1433	1441	1449	1455
80	1657	1669	1680	1687	1695

1% DOWN

EU	6	8	10	12	14
90	1341	1443	1473	1481	1479
85	1771	1821	1839	1840	1836
80	2052	2100	2117	2123	2121

2% DOWN

EU	6	8	10	12	14
90	201	276	368	1356	1428
85	441	1640	1743	1800	1833
80	1832	1967	2041	2087	2117

3% DOWN

EU	6	8	10	12	14
90	132	177	225	276	333
85	271	376	1495	1651	1731
80	463	1767	1904	1984	2039

1% UP

EU	6	8	10	12	14
90	299	387	464	531	588
85	472	593	693	775	841
80	603	743	855	944	1016

2% UP

EU	6	8	10	12	14
90	155	204	252	299	345
85	251	329	404	473	537
80	327	427	520	604	680

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA7XX2422** LENGTH OF RUN IN FEET

.22 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1500	1510	1518	1526	1532
85	1888	1902	1914	1922	1930
80	2198	2216	2230	2238	2248

1% DOWN

EU	6	8	10	12	14
90	428	1792	1908	1956	1974
85	2240	2366	2424	2450	2460
80	2644	2742	2796	2822	2832

2% DOWN

EU	6	8	10	12	14
90	200	268	342	426	1628
85	410	588	2132	2272	2352
80	738	2448	2594	2684	2746

3% DOWN

EU	6	8	10	12	14
90	132	176	222	268	316
85	266	360	464	586	2066
80	436	616	912	2466	2574

1% UP

EU	6	8	10	12	14
90	304	398	488	568	642
85	488	630	754	862	954
80	632	804	950	1072	1174

2% UP

EU	6	8	10	12	14
90	156	206	256	304	352
85	252	334	414	490	562
80	332	436	538	634	724

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA7XX0884** LENGTH OF RUN IN FEET

.84 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	633	638	641	644	647
85	797	803	808	812	815
80	929	935	941	945	949

1% DOWN

EU	6	8	10	12	14
90	816	815	807	797	789
85	1015	1011	1002	991	981
80	1171	1169	1161	1152	1142

2% DOWN

EU	6	8	10	12	14
90	702	794	821	831	832
85	977	1014	1029	1034	1034
80	1139	1171	1185	1192	1193

3% DOWN

EU	6	8	10	12	14
90	136	193	755	801	823
85	872	963	1003	1024	1036
80	1072	1131	1163	1182	1194

1% UP

EU	6	8	10	12	14
90	273	332	377	412	439
85	403	473	523	561	590
80	494	569	623	664	697

2% UP

EU	6	8	10	12	14
90	151	196	237	274	306
85	240	305	360	406	445
80	308	385	447	499	540

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA7XX1256** LENGTH OF RUN IN FEET

.56 gpm PER 100 FEET @ 8 psi

0% SLOPE INLET PRESSURE

EU	6	8	10	12	14
90	827	833	838	842	845
85	1042	1049	1055	1061	1065
80	1213	1222	1229	1235	1240

1% DOWN

EU	6	8	10	12	14
90	1052	1074	1074	1067	1058
85	1325	1336	1333	1324	1314
80	1526	1540	1540	1533	1524

2% DOWN

EU	6	8	10	12	14
90	209	934	1032	1069	1086
85	1204	1289	1328	1348	1357
80	1436	1500	1534	1553	1563

3% DOWN

EU	6	8	10	12	14
90	133	182	237	936	1018
85	284	1155	1251	1300	1330
80	1300	1414	1476	1514	1539

1% UP

EU	6	8	10	12	14
90	288	362	423	472	512
85	441	535	606	661	705
80	551	655	732	792	839

2% UP

EU	6	8	10	12	14
90	153	201	247	289	329
85	246	319	385	443	494
80	319	410	488	555	612

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA7XX1642** LENGTH OF RUN IN FEET

.42 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	985	992	999	1003	1007
85	1241	1249	1257	1263	1268
80	1445	1456	1464	1472	1477

1% DOWN

EU	6	8	10	12	14
90	1220	1273	1287	1285	1279
85	1564	1593	1599	1596	1587
80	1805	1835	1844	1843	1836

2% DOWN

EU	6	8	10	12	14
90	204	285	1152	1236	1275
85	1328	1487	1553	1589	1611
80	1655	1751	1804	1837	1856

3% DOWN

EU	6	8	10	12	14
90	133	179	228	284	1091
85	275	395	1409	1497	1549
80	497	1615	1709	1768	1807

1% UP

EU	6	8	10	12	14
90	295	377	448	507	557
85	461	571	657	727	783
80	583	707	803	877	939

2% UP

EU	6	8	10	12	14
90	155	203	251	296	339
85	249	325	397	463	521
80	324	421	508	585	653

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EA7XX2428** LENGTH OF RUN IN FEET

.28 gpm PER 100 FEET @ 8 psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1282	1292	1298	1304	1310
85	1614	1626	1636	1644	1650
80	1880	1894	1906	1914	1922

1% DOWN

EU	6	8	10	12	14
90	1406	1604	1662	1682	1686
85	1976	2054	2084	2094	2094
80	2304	2370	2400	2414	2416

2% DOWN

EU	6	8	10	12	14
90	200	272	352	1400	1560
85	424	1760	1922	2006	2056
80	1990	2178	2278	2340	2382

3% DOWN

EU	6	8	10	12	14
90	132	178	224	272	324
85	268	368	484	1766	1894
80	448	674	2084	2196	2270

1% UP

EU	6	8	10	12	14
90	302	394	478	550	616
85	482	612	724	816	894
80	618	774	900	1004	1088

2% UP

EU	6	8	10	12	14
90	156	206	256	304	350
85	252	332	410	482	552
80	330	432	530	620	702

Aqua-Traxx® PERFORMANCE CHARTS**7/8"****Emitter Flow Rate 0.34 GPH @ 8 psi****EAXX3619****LENGTH OF RUN IN FEET****.19 GPM PER 100 FEET @ 8 psi****0% SLOPE****INLET PRESSURE**

EU	6	8	10	12	14
90	1668	1683	1692	1701	1707
85	2103	2118	2133	2142	2148
80	2451	2466	2484	2493	2502

1% DOWN

EU	6	8	10	12	14
90	417	621	2079	2157	2193
85	2424	2598	2679	2721	2742
80	2895	3027	3096	3135	3156

2% DOWN

EU	6	8	10	12	14
90	198	267	339	417	504
85	408	567	789	2451	2565
80	699	2628	2823	2940	3018

3% DOWN

EU	6	8	10	12	14
90	132	177	222	267	315
85	267	357	456	564	696
80	432	600	813	2643	2793

1% UP

EU	6	8	10	12	14
90	309	402	495	579	660
85	495	642	774	891	993
80	642	822	981	1116	1230

2% UP

EU	6	8	10	12	14
90	156	207	256	306	357
85	255	336	417	495	570
80	3333	441	543	642	735

Aqua-Traxx®

1 3/8"

35 mm

Available Wall Thickness: 15 mil

Outlet Spacing	Q-100 GPM @ 8 PSI			
	0.13 GPH Emitter	0.20 GPH Emitter	0.27 GPH Emitter	0.34 GPH Emitter
4"	-	-	1.34	-
8"	0.34	0.50	0.67	0.84
12"	0.22	0.34	0.45	0.56
16"	0.17	0.25	0.34	0.42
24"	0.11	0.17	0.22	0.28

Aqua-Traxx® PERFORMANCE CHARTS

1 3/8"

Emitter Flow Rate 0.13 GPH @ 8 psi

EA11XX0834 RUN LENGTH IN FEET

.34 GPM PER 100 FEET @ 8psi

0% SLOPE		INLET PRESSURE			
EU	6	8	10	12	14
90	2420	2439	2453	2464	2474
85	3049	3071	3089	3103	3116
80	3549	3575	3597	3613	3628

1% DOWN					
EU	6	8	10	12	14
90	399	545	715	946	3005
85	859	3419	3681	3819	3903
80	3839	4161	4333	4441	4513

2% DOWN					
EU	6	8	10	12	14
90	197	263	330	399	470
85	397	536	685	853	1065
80	649	904	1247	3883	4083

3% DOWN					
EU	6	8	10	12	14
90	131	175	219	263	307
85	263	351	442	535	633
80	424	571	728	901	1107

1% UP					
EU	6	8	10	12	14
90	305	405	503	596	690
85	498	657	809	953	1087
80	652	856	1047	1222	1381

2% UP					
EU	6	8	10	12	14
90	154	205	255	305	355
85	251	334	417	498	578
80	330	439	547	653	756

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA11XX1222 RUN LENGTH IN FEET****.22 GPM PER 100 FEET @ 8psi**

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	3149	3173	3191	3206	3219
85	3968	3996	4020	4038	4054
80	4619	4654	4681	4703	4721

1% DOWN

EU	6	8	10	12	14
90	396	533	678	838	1025
85	815	1151	1705	4709	4897
80	1431	5061	5393	5596	5735

2% DOWN

EU	6	8	10	12	14
90	196	262	329	395	463
85	395	529	668	813	969
80	639	867	1118	1419	1881

3% DOWN

EU	6	8	10	12	14
90	131	175	219	262	306
85	262	350	439	529	621
80	422	565	713	866	1028

1% UP

EU	6	8	10	12	14
90	307	407	507	606	702
85	500	664	823	978	1126
80	657	869	1074	1269	1453

2% UP

EU	6	8	10	12	14
90	154	205	256	306	357
85	252	335	418	501	582
80	331	441	549	657	764

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA11XX1617 RUN LENGTH IN FEET****.17 GPM PER 100 FEET @ 8psi**

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	3796	3825	3847	3864	3880
85	4780	4817	4845	4868	4888
80	5568	5609	5641	5669	5691

1% DOWN

EU	6	8	10	12	14
90	395	528	669	813	971
85	801	1101	1456	2011	5636
80	1344	2043	6199	6519	6733

2% DOWN

EU	6	8	10	12	14
90	197	263	328	395	461
85	393	527	663	801	945
80	636	855	1087	1339	1629

3% DOWN

EU	6	8	10	12	14
90	132	175	219	263	305
85	263	351	439	527	616
80	421	564	708	855	1007

1% UP

EU	6	8	10	12	14
90	308	408	509	609	708
85	503	667	829	988	1144
80	660	875	1085	1289	1485

2% UP

EU	6	8	10	12	14
90	156	207	257	308	357
85	252	336	419	503	584
80	333	441	551	660	768

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.13 GPH @ 8 psi****EA11XX2411 RUN LENGTH IN FEET****.11 GPM PER 100 FEET @ 8psi**

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	4940	4976	5004	5028	5050
85	6220	6268	6306	6334	6360
80	7244	7298	7342	7376	8288

1% DOWN

EU	6	8	10	12	14
90	394	526	660	798	938
85	794	1070	1366	1698	2104
80	1296	1800	2456	7864	8288

2% DOWN

EU	6	8	10	12	14
90	198	262	328	394	460
85	394	526	658	792	930
80	632	848	1066	1294	1534

3% DOWN

EU	6	8	10	12	14
90	132	176	220	262	306
85	262	350	438	526	614
80	422	562	704	848	992

1% UP

EU	6	8	10	12	14
90	310	410	512	612	712
85	504	670	834	998	1158
80	662	880	1096	1308	1514

2% UP

EU	6	8	10	12	14
90	158	208	258	308	360
85	254	338	420	504	588
80	334	442	554	662	772

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA11XX0850 LENGTH OF RUN IN FEET****.50 GPM PER 100 FEET @ 8psi**

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1860	1874	1885	1893	1901
85	2343	2361	2374	2385	2395
80	2727	2748	2764	2777	2788

1% DOWN

EU	6	8	10	12	14
90	408	581	935	2363	2423
85	1123	2840	2953	3013	3046
80	3163	3331	3422	3477	3509

2% DOWN

EU	6	8	10	12	14
90	197	265	334	407	487
85	401	552	734	1049	2779
80	675	1046	3055	3208	3310

3% DOWN

EU	6	8	10	12	14
90	131	175	219	265	311
85	263	354	449	551	665
80	428	586	770	1033	3005

1% UP

EU	6	8	10	12	14
90	3304	402	496	585	669
85	493	645	785	911	1023
80	643	833	1001	1149	1278

2% UP

EU	6	8	10	12	14
90	153	204	255	304	353
85	251	333	414	494	571
80	329	437	542	644	741

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA11XX1234** LENGTH OF RUN IN FEET

.34 GPM PER 100 FEET @ 8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	2420	2438	2452	2464	2474
85	3048	3071	3089	3103	3116
80	3549	3575	3597	3613	3628

1% DOWN

EU	6	8	10	12	14
90	399	546	715	946	3004
85	854	3418	3681	3819	3903
80	3839	4160	4333	4441	4513

2% DOWN

EU	6	8	10	12	14
90	197	263	330	399	470
85	397	536	685	854	1065
80	649	904	1247	3883	4083

3% DOWN

EU	6	8	10	12	14
90	131	175	219	263	308
85	263	352	442	535	633
80	424	572	728	901	1108

1% UP

EU	6	8	10	12	14
90	306	406	503	599	691
85	498	657	810	953	1087
80	653	856	1047	1223	1382

2% UP

EU	6	8	10	12	14
90	154	205	255	306	356
85	252	335	417	499	579
80	331	440	5547	653	756

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA11XX1625** LENGTH OF RUN IN FEET

.25 GPM PER 100 FEET @ 8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	2917	2939	2956	2969	2981
85	3673	3701	3723	3741	3756
80	4279	4311	4335	4356	4373

1% DOWN

EU	6	8	10	12	14
90	396	536	685	855	1071
85	824	1191	4197	4448	4596
80	1508	4799	5073	5241	5356

2% DOWN

EU	6	8	10	12	14
90	197	263	329	396	465
85	395	531	672	821	987
80	641	875	1139	1485	4632

3% DOWN

EU	6	8	10	12	14
90	132	175	219	263	307
85	263	351	440	531	623
80	423	567	714	873	1043

1% UP

EU	6	8	10	12	14
90	307	408	507	604	700
85	501	663	820	972	1117
80	656	867	1068	1259	1436

2% UP

EU	6	8	10	12	14
90	155	205	256	307	357
85	252	336	419	501	583
80	332	441	549	657	763

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.20 GPH @ 8 psi****EA11XX2417** LENGTH OF RUN IN FEET

.17 GPM PER 100 FEET @ 8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	3796	3824	3846	3864	3880
85	4780	4818	4844	4868	4888
80	5568	5608	5642	5668	5690

1% DOWN

EU	6	8	10	12	14
90	394	528	6668	814	970
85	802	1102	1456	2012	5636
80	1344	2044	6198	6520	6734

2% DOWN

EU	6	8	10	12	14
90	198	262	328	394	462
85	394	528	662	802	946
80	636	856	1088	1340	1630

3% DOWN

EU	6	8	10	12	14
90	132	176	220	262	306
85	264	350	438	528	616
80	422	564	708	856	1008

1% UP

EU	6	8	10	12	14
90	308	410	510	610	708
85	504	668	830	990	1144
80	660	876	1086	1290	1486

2% UP

EU	6	8	10	12	14
90	156	208	256	308	360
85	254	338	420	504	586
80	334	442	552	660	768

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA11XX04134** LENGTH OF RUN IN FEET

1.34 GPM PER 100 FEET @ 8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	984	991	997	1002	1006
85	1239	1248	1256	1261	1267
80	1443	1454	1462	1469	1475

1% DOWN

EU	6	8	10	12	14
90	1218	1272	1284	1283	1276
85	1562	1591	1597	1593	1584
80	1802	1832	1841	1839	1833

2% DOWN

EU	6	8	10	12	14
90	203	285	408	1235	1273
85	489	1484	1551	1587	1608
80	1653	1749	1802	1834	1853

3% DOWN

EU	6	8	10	12	14
90	132	178	228	284	354
85	274	394	1409	1496	1574
80	498	1613	1707	1765	1804

1% UP

EU	6	8	10	12	14
90	294	376	446	506	555
85	459	569	656	725	781
80	581	705	801	876	936

2% UP

EU	6	8	10	12	14
90	152	201	249	294	337
85	247	324	395	461	519
80	323	419	506	584	651

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA11XX0867** LENGTH OF RUN IN FEET

.67 GPM PER 100 FEET @ 8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	1543	1555	1563	1571	1577
85	1943	1958	1969	1979	1987
80	2263	2279	2293	2303	2313

1% DOWN

EU	6	8	10	12	14
90	423	679	1955	2008	2031
85	2289	2427	2489	2519	2531
80	2709	2816	2871	2902	2917

2% DOWN

EU	6	8	10	12	14
90	198	267	340	421	518
85	409	580	899	2320	2409
80	724	2497	2654	2750	2816

3% DOWN

EU	6	8	10	12	14
90	131	175	221	267	315
85	265	359	460	578	736
80	435	610	870	2514	2632

1% UP

EU	6	8	10	12	14
90	303	397	487	569	645
85	488	631	757	869	963
80	632	807	955	1081	1187

2% UP

EU	6	8	10	12	14
90	153	204	254	303	351
85	251	332	411	489	562
80	329	435	536	633	725

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA11XX1245** LENGTH OF RUN IN FEET

.45 GPM PER 100 FEET @8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	2008	2023	2034	2044	2052
85	2529	2548	2563	2575	2585
80	2944	2967	2984	2998	3010

1% DOWN

EU	6	8	10	12	14
90	405	567	796	2508	2592
85	956	3014	3157	3235	3279
80	3358	3559	3670	3738	3779

2% DOWN

EU	6	8	10	12	14
90	197	264	333	404	480
85	400	546	714	940	2923
80	665	976	3217	3404	3527

3% DOWN

EU	6	8	10	12	14
90	131	175	219	264	309
85	263	354	447	545	653
80	427	581	753	969	3144

1% UP

EU	6	8	10	12	14
90	305	404	499	590	676
85	496	650	794	926	1045
80	647	841	1017	1174	1312

2% UP

EU	6	8	10	12	14
90	154	205	255	305	355
85	252	334	416	496	574
80	3330	438	544	647	747

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA11XX1634** LENGTH OF RUN IN FEET

.34 GPM PER 100 FEET @ 8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	2420	2439	2452	2464	2473
85	3048	3071	3089	3103	3116
80	3549	3575	3596	3613	3628

1% DOWN

EU	6	8	10	12	14
90	400	547	715	947	3004
85	859	3419	3680	3819	3903
80	3839	4160	4333	4441	4513

2% DOWN

EU	6	8	10	12	14
90	197	264	331	399	471
85	397	536	685	855	1065
80	649	904	1248	3883	4083

3% DOWN

EU	6	8	10	12	14
90	132	175	219	263	308
85	263	352	443	536	633
80	653	857	1048	1223	1383

1% UP

EU	6	8	10	12	14
90	307	407	504	599	691
85	499	657	811	953	1087
80	653	857	1048	1223	1383

2% UP

EU	6	8	10	12	14
90	155	205	256	307	356
85	252	335	417	499	580
80	332	440	548	653	757

Aqua-Traxx® PERFORMANCE CHARTS**1 3/8"****Emitter Flow Rate 0.27 GPH @ 8 psi****EA11XX2422** LENGTH OF RUN IN FEET

.22 GPM PER 100 FEET @ 8psi

0% SLOPE	INLET PRESSURE				
EU	6	8	10	12	14
90	3148	3172	3190	3206	3218
85	3968	3996	4020	4038	4054
80	4618	4654	4680	4702	4720

1% DOWN

EU	6	8	10	12	14
90	396	534	678	838	1026
85	816	1152	1706	4708	4896
80	1432	5062	5394	5596	5734

2% DOWN

EU	6	8	10	12	14
90	198	262	330	396	464
85	396	530	668	814	970
80	640	868	1118	1420	1882

3% DOWN

EU	6	8	10	12	14
90	132	176	220	262	306
85	264	350	440	530	622
80	422	566	714	866	1030

1% UP

EU	6	8	10	12	14
90	308	408	508	608	704
85	502	666	824	980	1128
80	660	870	1074	1270	1454

2% UP

EU	6	8	10	12	14
90	156	206	258	308	358
85	254	336	420	502	584
80	334	442	550	658	766

SPECIFICATIONS

5/8" Diameter Tape

Wall Thickness	4 mil	6 mil	8 mil	10 mil	12 mil	15 mil
Reel Length	13,000 ft.	10,000 ft.	7,500 ft.	6,000 ft.	5,100 ft.	4,500 ft.
Reel Weight	70 lbs.	66 lbs.	62 lbs.	59 lbs.	58 lbs.	61 lbs.
Reel Diameter	21"	21"	21"	21"	21"	21"
Reel Height	11"	11"	11"	11"	11"	11"
Reel Through-Hole Diameter	1"	1"	1"	1"	1"	1"
Operating Pressure	4-10 psi	4-12 psi	4-15 psi	4-15 psi	4-15 psi	4-15 psi

7/8" Diameter Tape

Wall Thickness	8 mil	10 mil	12 mil	15 mil
Reel Length	6,000 ft.	4,400 ft.	4,000 ft.	3,000 ft.
Reel Weight	68 lbs.	65 lbs.	61 lbs.	62 lbs.
Reel Diameter	21"	21"	21"	21"
Reel Height	11"	11"	11"	11"
Reel Through-Hole Diameter	1"	1"	1"	1"
Operating Pressure	4-15 psi	4-15 psi	4-15 psi	4-15 psi

*note: Can flow has a reel through-hole of 1 1/2" diameter.

1 3/8" Diameter Tape

Wall Thickness	15 mil
Reel Length	2700 ft.
Reel Weight	74 lb.
Reel Diameter	21"
Reel Height	11"
Reel Through-hole Diameter	1"
Operating Pressure	4-15 psi

Specifications and Dimensions

Number of Inlets	8" & 16" spacing	60
Number of Inlets	12" & 24" spacing	200
Inlet Openings	(All)	.007 min. x .010 max.
Flowpath Dimensions	(All)	.010 min. x .033 max.
Outlet Dimensions	4 & 6 mil	.160 x .012
Outlet Dimensions	8, 10 & 12 mil	.190 x .012
Coefficient of Variation	(All)	<0.03
Flow Exponent	High & Medium Flow (6 - 12 psi range)	0.50
Flow Exponent	Low Flow (6 - 12 psi range)	0.54
Hazen-Williams C Factor	(Main Tube)	140

ACCESSORIES

Tape Fittings, 5/8" Ring-Loc

Part Number	Carton Qty.	Description
FCC98	100/1,000	Coupling
FCR 1098	100/1,200	Reducer Coupling, 10 mil x tape
FCR1398	100/1,200	Reducer Coupling, 13 mil x tape
FCR1698	100/1,200	Reducer Coupling, 16 mil x tape
FEE98	100/700	Elbow, tape x tape
FTT98	100/500	Tee, tape x tape
FTS98	100/400	Swivel Tee (3/4" FHT)
FJJ98	100/500	Hose End (3/4" hose thread) w/out cap
FJA98	100/800	Hose End (3/4" hose thread) w/ cap
FAM98	100/1,000	Male Adapter (1/2" NPT)
FAS98	100/700	Hose Swivel (3/4" FHT)
FCA 0598	100/2,500	5mm or 6mm tubing barb fittings
FCA 0798	100/2,500	7mm barb x Tape Loc-Eze
FEP3198	N/A	Replacement Ringlock for Tape fittings

Tape Fittings, 7/8" Lock Sleeve

Part Number	Carton Qty.	Description
FCC78	250	7/8" Coupling
FCA1678	250	7/8" Adapter x 16 mm Barb
FLA78	250	7/8" Adapter x layflat
FCS78	250	7/8" Adapter x 3/4" Slip
HCA78	250	7/8" Adapter x OD Compression
FJJ78	250	7/8" Threaded end cap

Shipping Quantities (16 rolls/pallet)

	20 ft Container	24 ft High Cube	LTL	40 ft Container	40 ft High Cube	53 ft Trailer
# of reels	240	336	362	480	560	724

Aqua-Traxx®

Aqua-Traxx®

Premium Drip Tape Re-order Chart Reels per Acre

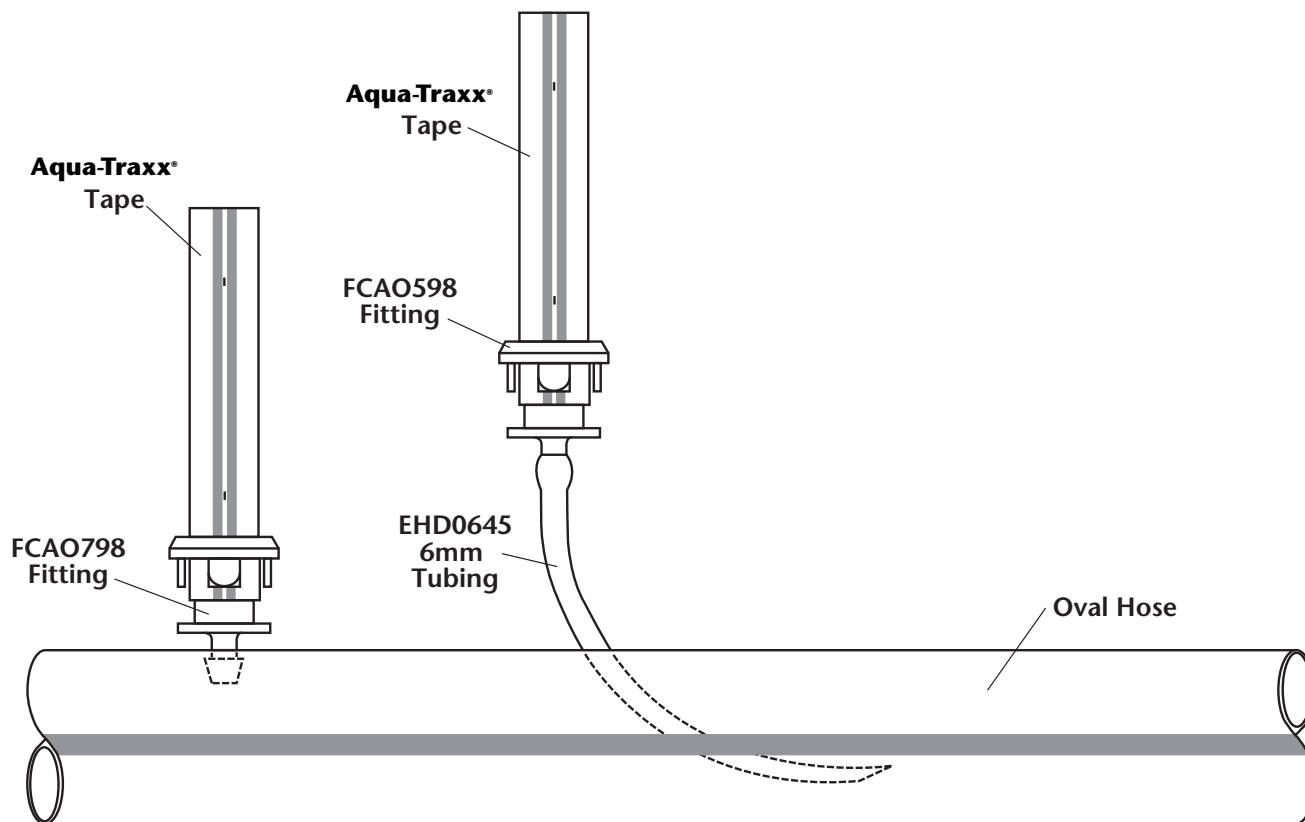
ROW SPACING INCHES	EA504	EA506	EA508	EA510	EA512	EA515	EA708	EA710	EA712	EA715	EA1115
30"	1.34	1.74	2.32	2.90	3.42	3.87	2.90	3.96	4.36	5.81	6.45
32"	1.26	1.68	2.23	2.79	3.29	3.72	2.79	3.81	4.19	5.58	6.21
34"	1.18	1.54	2.05	2.57	3.02	3.42	2.57	3.50	3.85	5.13	5.70
36"	1.01	1.45	1.94	2.42	2.85	3.23	2.42	3.30	3.63	4.84	5.38
38"	1.06	1.38	1.84	2.30	2.70	3.06	2.30	3.13	3.45	4.59	5.11
40"	1.01	1.31	1.74	2.18	2.56	2.90	2.18	2.97	3.27	4.36	4.84
42"	0.96	1.24	1.66	2.07	2.44	2.77	2.07	2.83	3.11	4.15	4.61
44"	0.93	1.21	1.61	2.02	2.37	2.69	2.02	2.75	3.03	4.03	4.48
46"	0.87	1.14	1.52	1.90	2.23	2.53	1.90	2.58	2.84	3.79	4.21
48"	0.84	1.09	1.45	1.82	2.14	2.42	1.82	2.48	2.72	3.63	4.03
50"	0.81	1.05	1.40	1.75	2.05	2.33	1.75	2.38	2.62	3.49	3.88
52"	0.77	1.01	1.34	1.68	1.97	2.24	1.68	2.29	2.52	3.35	3.73
54"	0.74	0.97	1.29	1.61	1.90	2.15	1.61	2.20	2.42	3.23	3.59
56"	0.72	0.93	1.25	1.56	1.83	2.08	1.56	2.12	2.34	3.12	3.46
58"	0.69	0.90	1.20	1.50	1.77	2.00	1.50	2.05	2.25	3.01	3.34
60"	0.67	0.87	1.16	1.45	1.71	1.94	1.45	1.98	2.18	2.90	3.23
62"	0.64	0.84	1.12	1.40	1.64	1.86	1.40	1.90	2.09	2.79	3.10
64"	0.63	0.82	1.09	1.36	1.60	1.82	1.36	1.86	2.04	2.72	3.03
66"	0.61	0.79	1.06	1.32	1.55	1.76	1.32	1.80	1.98	2.64	2.93
68"	0.59	0.77	1.03	1.28	1.51	1.71	1.28	1.75	1.92	2.57	2.85
70"	0.57	0.75	1.00	1.25	1.47	1.66	1.25	1.70	1.87	2.49	2.77
72"	0.56	0.73	0.97	1.21	1.42	1.61	1.21	1.65	1.82	2.42	2.69
74"	0.54	0.71	0.94	1.18	1.39	1.57	1.18	1.61	1.77	2.36	2.62
76"	0.53	0.69	0.92	1.15	1.35	1.53	1.15	1.56	1.72	2.29	2.55
78"	0.52	0.67	0.89	1.12	1.31	1.49	1.12	1.52	1.68	2.23	2.48
80"	0.50	0.65	0.87	1.09	1.28	1.45	1.09	1.49	1.64	2.18	2.42

TO USE THIS CHART: INTERSECT ROW SPACING (VERTICAL AXIS) WITH PRODUCT TYPE (HORIZONTAL AXIS) AND MULTIPLY BY ACREAGE.

THE RESULT IS THE NUMBER OF REELS REQUIRED FOR YOUR NEXT RE-ORDER.

Note: those using equipment that installs four reels at a time purchase over the resulting # in multiples of 4 to prevent any possibility of having to reorder more.

egg. 20 acres, 40" spacing EA5080834
 $1.74 \times 20(AC) = 34.8$ rolls
=36 rolls should be purchased



Superior Design Features

- Blue Stripes for signature of quality
-Blue stripes "up" also ensures proper outlet placement.
- Ultra-high strength and durability
-Strength and flexibility mean easy installation, time and labor savings, and significantly reduced chances of damage.
- Seamless construction
-No more split seams and unglued overlaps, ensuring reliability.
- Highly resistant to plugging
*-8" spacing has 64 filter inlets per outlet.
 -12" spacing has 200 filter inlets per outlet.*
- Laser slit outlet eliminates startup plugging and impedes root intrusion
- Precision performance
-An incredibly precise flow path molding process results in excellent Cv's.
- Enhanced turbulent flow path
-Better uniformity with reduced clogging.