

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ AS 16009/16010/16012 Ø 4.2 MM • KD 0.72 • FLOW RATE 0.6 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
UPHILL 2%	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	1.0	110	145	171	192	208	221	232	240	248
	1.5	143	193	234	268	297	322	343	362	378
	2.0	167	227	278	323	361	394	424	450	474
	2.5	186	255	314	366	411	452	488	521	551
FLAT TERRAIN	1.0	129	182	230	274	315	354	391	427	460
	1.5	159	224	284	339	390	438	485	528	571
	2.0	181	255	323	386	445	501	553	603	652
	2.5	198	281	355	425	490	551	609	664	718
DOWNHILL 2%	1.0	148	220	291	361	431	501	570	638	703
	1.5	175	256	335	412	487	561	635	708	777
	2.0	195	284	369	452	532	611	689	765	838
	2.5	211	306	397	485	570	652	734	814	890

Minimum considered pressure 0.4 bar

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 meters lateral length

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ AS 16009/16010/16012 Ø 4.2 MM • KD 0.72 • FLOW RATE 1.0 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
UPHILL 2%	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	1.0	83	111	134	153	169	183	194	205	214
	1.5	106	145	178	207	232	253	274	292	308
	2.0	122	169	209	244	275	304	330	354	375
	2.5	135	188	234	274	311	344	374	403	429
FLAT TERRAIN	1.0	92	130	165	197	226	255	282	307	331
	1.5	114	161	204	243	280	315	349	381	411
	2.0	129	183	232	277	320	360	398	434	469
	2.5	142	201	255	305	352	396	438	478	517
DOWNHILL 2%	1.0	102	150	196	242	287	330	374	418	461
	1.5	122	177	230	281	331	379	426	473	520
	2.0	136	197	255	311	364	417	468	518	567
	2.5	148	214	276	336	393	449	502	555	607

Minimum considered pressure 0.4 bar

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ AS 16009/16010/16012 Ø114.2 MM • KD 0.72 • FLOW RATE 1.6 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
SLOPE	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	UPHILL 2%	1.0	63	86	105	121	136	148	159	169
1.5		79	110	136	159	180	199	216	231	246
2.0		91	127	158	187	212	235	256	276	295
2.5		101	141	176	208	237	264	289	311	333
FLAT TERRAIN	1.0	68	96	122	145	167	188	208	227	245
	1.5	84	118	150	180	207	232	258	281	304
	2.0	95	135	171	205	236	265	294	320	347
	2.5	104	148	188	225	259	292	323	353	382
DOWNHILL 2%	1.0	73	107	138	170	200	230	258	287	316
	1.5	88	127	164	200	234	267	300	332	363
	2.0	99	143	184	223	260	297	332	366	400
	2.5	108	155	199	242	282	321	358	395	431

Minimum considered pressure 0.4 bar

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ AS 16009/16010/16012 Ø114.2 MM • KD 0.72 • FLOW RATE 2.0 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
SLOPE	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	UPHILL 2%	1.0	55	75	92	108	121	133	143	153
1.5		69	96	119	140	159	176	192	206	220
2.0		79	110	138	164	186	207	226	244	261
2.5		87	122	154	182	208	232	254	275	294
3.0		94	133	167	198	226	253	278	301	322
FLAT TERRAIN	1.0	59	83	105	126	145	163	180	196	212
	1.5	72	102	130	155	179	202	223	243	263
	2.0	82	116	148	177	204	230	254	278	300
	2.5	90	128	162	195	224	253	280	306	331
DOWNHILL 2%	1.0	63	91	118	144	169	194	218	242	266
	1.5	75	109	140	171	199	228	255	282	308
	2.0	85	122	157	191	223	253	283	312	340
	2.5	93	133	171	207	241	274	306	338	368
	3.0	99	143	183	221	257	293	326	359	391

Minimum considered pressure 0.4 bar

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ AS 16009/16010/16012 Ø114.2 MM • KD 0.72 • FLOW RATE 3.0 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	UPHILL 2%	1.0	43	59	73	86	97	107	117	125
1.5		53	75	94	111	126	140	153	166	177
2.0		61	86	108	128	146	163	179	194	208
2.5		67	95	120	142	163	182	200	217	233
3.0		73	103	130	154	177	198	218	237	254
FLAT TERRAIN	1.0	45	64	81	97	112	125	138	151	164
	1.5	55	79	100	120	138	155	172	187	203
	2.0	63	89	114	136	157	177	196	214	231
	2.5	69	98	125	150	173	195	215	236	255
	3.0	74	106	134	161	186	210	232	254	275
DOWNHILL 2%	1.0	47	68	88	108	126	144	162	178	195
	1.5	57	83	106	129	150	171	190	210	229
	2.0	65	93	119	144	168	190	213	234	255
	2.5	71	101	130	157	182	207	231	254	277
	3.0	76	109	139	168	196	222	247	271	295

Minimum considered pressure 0.4 bar

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ AS 16009/16010/16012 Ø114.2 MM • KD 0.72 • FLOW RATE 3.8 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	UPHILL 2%	1.0	37	51	64	75	85	95	103	111
1.5		46	65	81	96	109	122	134	145	155
2.0		53	74	93	111	127	142	156	169	182
2.5		58	82	103	123	141	158	174	189	203
3.0		63	88	112	133	153	172	189	205	221
FLAT TERRAIN	1.0	39	55	69	83	95	108	119	131	141
	1.5	47	67	86	103	118	133	147	161	174
	2.0	54	77	97	117	135	152	168	184	199
	2.5	59	84	107	128	148	167	185	203	219
	3.0	64	91	115	138	160	180	199	218	236
DOWNHILL 2%	1.0	40	58	75	91	106	121	136	150	164
	1.5	49	70	90	109	127	144	162	177	194
	2.0	55	79	102	123	143	162	181	199	216
	2.5	60	86	111	134	155	176	197	216	235
	3.0	65	93	119	143	166	189	210	231	251

Minimum considered pressure 0.4 bar