

TORO DL2000 Series Subsurface Irrigation System

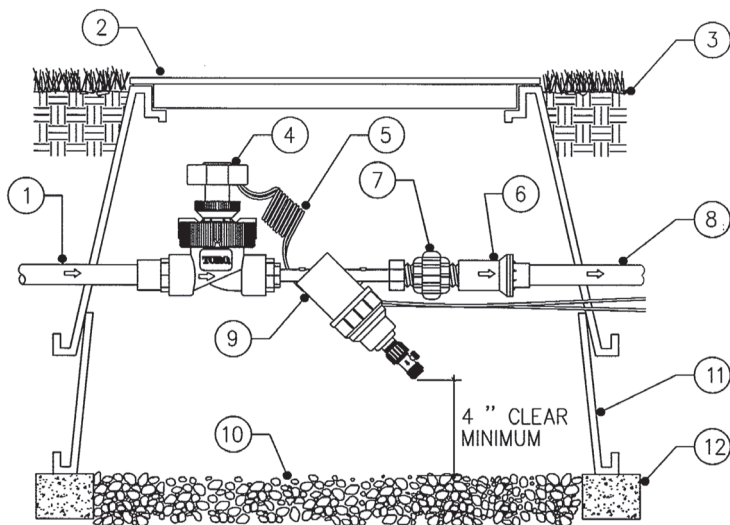
Remote Control Valve, Pressure Regulator and Filter

2

T
O
R
O

S
U
B
S
U
R
F
A
C
E

I
R
R
I
G
A
T
I
O
N



SECTION/ELEVATION

Note: Product comparisons

Rainbird LD Series Pipe uses 16 mm Fittings

Rainbird XF Series Pipe uses 17 mm Fittings

Toro DL2000 Series Pipe uses 16 mm Fittings

Netafim Pipe uses 17 mm Fittings

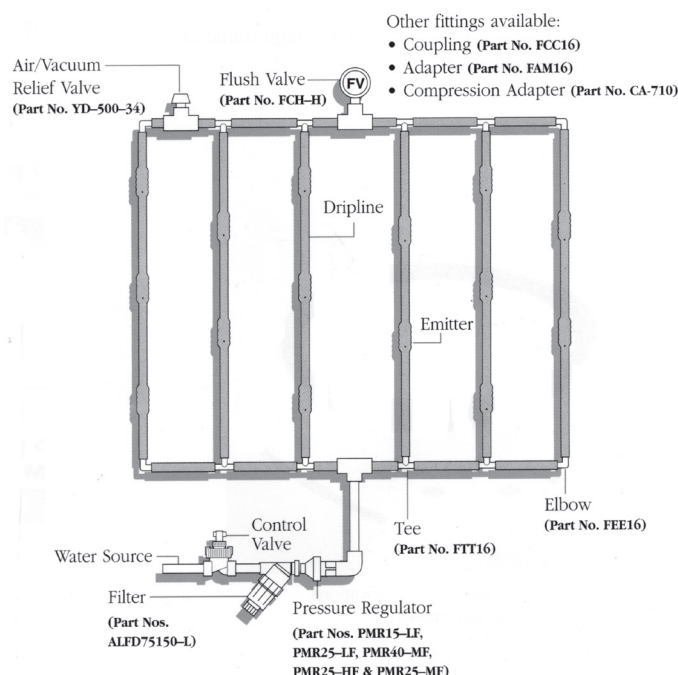
- ① PVC or poly mainline
- ② Jumbo valve box (BBJB-C)
- ③ Finished grade
- ④ Toro valve, Example: 264-06-03 ¾" MxM, EZF-26-04 1" FxF or other configurations
- ⑤ Service expansion coil
- ⑥ Pressure regulator (PMR XX-XX)
- ⑦ Sch. 80 union (suggested) (PL458-007 ¾")
- ⑧ PVC or poly lateral
- ⑨ Filter (ALFS75150-S ¾" or ALFS10150-S 1")
- ⑩ 1 cu. ft. pea gravel sump
- ⑪ Jumbo valve box extension (BBJ6E)
- ⑫ Brick supports

TORO SUBSURFACE IRRIGATION

2016 Catalog

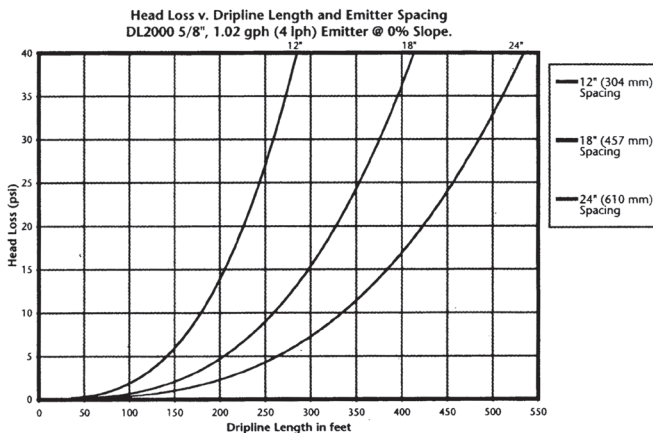
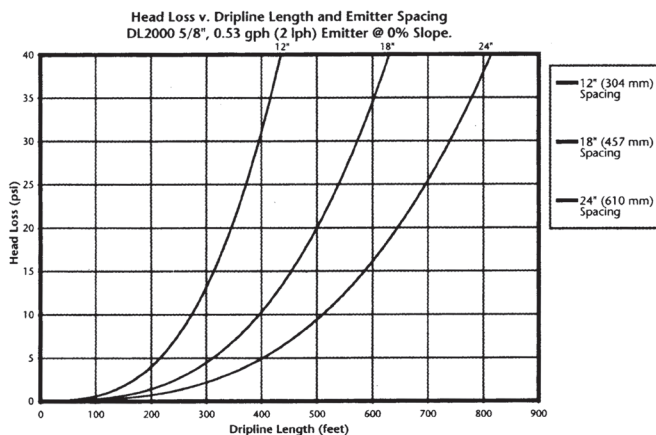


The DL2000 Series Subsurface Irrigation System features exclusive ROOTGUARDS technology for root-intrusion protection and DTech self-cleaning emitters.



Features

- ROOTGUARD protection using the pre-emergent TREFLAN is non-toxic and guards against root intrusion by diverting root growth away from the emitter outlet
- TREFLAN is impregnated during the manufacturing process and requires virtually no maintenance
- DTech self cleaning emitters for precise, trouble-free water application
- Flexible, sturdy design to fit into unusual spaces
- Easy to install and requires minimal maintenance
- Can be installed at grade or buried 4"–8" underground, delivering irrigation directly at the plant's root zone
- Choice of pressure compensating or non pressure-compensating drip line with 12", 18" or 24" emitter spacing
- Emitters are inseparably welded to the inside wall of durable polyethylene dripline tubing during manufacturing
- Withstands acids down to pH2 as well as fertilizers, chemicals and chlorine
- 2 flow rates, .53 and 1.02 GPH
- Pressure regulators maintain a constant pressure from 15–40 PSI
- Approved fertilizers and chemicals can be added at a central inlet and flow directly to the root zone
- Distinctive red stripes on dripline signifies Toro quality



1/4" DL2000 Microline

Maximum Recommended Microline Length

	12"
Dripper Flow	0.53
Max. Run @ 20 PSI	33'

Note: Use your inlet pressure and the friction loss charts to determine maximum run lengths.

Length of Run Charts

5/8" (0.620" ID/0.710" OD)

Inlet pressure vs. Max. length of run in feet

Part Number	Flow rate	Emitter spacing	15 psi	25 psi	30 psi	40 psi
RGP212	.53 gph	12"	250'	360'	400'	460'
RGP218	.53 gph	18"	350'	515'	565'	650'
RGP224	.53 gph	24"	450'	650'	720'	825'
RGP412	1.0 gph	12"	160'	240'	260'	300'
RGP418	1.0 gph	18"	240'	340'	375'	430'
RGP424	1.0 gph	24"	300'	425'	475'	540'

Burnsville, MN
763-592-5701

Maple Grove, MN
763-592-5703

Fargo, ND
701-365-4260

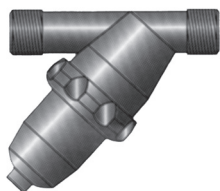
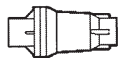
Grimes, IA
515-661-6800

Berkeley, MO
314-506-4100



Drip Tubing

12" @ .53 GPH = .88 GPM/100'
 12" @ 1.0 GPH = 1.67 GPM/100'
 18" @ .53 GPH = .59 GPM/100'
 18" @ 1.0 GPH = 1.11 GPM/100'


ALFS Filter
(← Flow Direction)


Pressure Regulator



Drip Kit

DL2000 Drip Tubing 5/8" (18mm OD, 16mm ID)

MTI Part Number	Description
✓ RGP-212-01	12" Pres.-Comp .5 GPH 100'
✓ RGP-212-05	12" Pres.-Comp .5 GPH 500'
RGP-212-10	12" Pres.-Comp .5 GPH 1000'
✓ RGP-412-01	12" Pres.-Comp 1.0 GPH 100'
✓ RGP-412-05	12" Pres.-Comp 1.0 GPH 500'
RGP-412-10	12" Pres.-Comp 1.0 GPH 1000'
✓ RGP-218-01	18" Pres.-Comp .5 GPH 100'
✓ RGP-218-05	18" Pres.-Comp .5 GPH 500'
RGP-218-10	18" Pres.-Comp .5 GPH 1000'
✓ RGP-418-01	18" Pres.-Comp 1.0 GPH 100'
✓ RGP-418-05	18" Pres.-Comp 1.0 GPH 500'
RGP-418-10	18" Pres.-Comp 1.0 GPH 1000'
✓ T-EHW1645-010A	100' Roll Blank 5/8" Tubing (16 mm)
T-EHW1645-050A	500' Roll Blank 5/8" Tubing (16 mm)

Filters, F Series Plastic Y Filters M x M 150 Mesh

MTI Part Number	Description
✓ T-ALFS75150-S	3/4" Plastic Screen Filter 18 gpm
T-ALFS10150-S	1" Plastic Screen Filter 25 gpm
T-AMP0004-1S	3/4" & 1" Replacement Filter Screen

Pressure Regulators

MTI Part Number	Description
T-PMR15-LF	3/4" 15 PSI, .10–8 GPM, Low Flow, F x F
✓ T-PMR25-LF	3/4" 25 PSI, .10–8 GPM, Low Flow, F x F
✓ T-PMR25-MF	3/4" 25 PSI, 2–20 GPM, Medium Flow Reg. F x F
✓ T-PMR40-MF	3/4" 40 PSI, 2–20 GPM, Medium Flow Reg.
T-PR25-HF	1 1/4" x 1" 25 PSI, 10–32 GPM, High Flow Reg.

Drip Kit

MTI Part Number	Description
✓ DZK-EZF-1-MF	1" Medium Flow includes 1" EZ Flow Valve, Filter, Ball Valve and Regulator
✓ DZK-EZF-1-LF	1" Low Flow includes 1" EZ Flow Valve, Filter, Ball Valve and Regulator
DZK-TPV-1-MF	1" Toro TPV Inline Valve, Medium Flow
DZK-TPV-1-LF	1" Toro TPV Inline Valve, Low Flow

TORO SUBSURFACE IRRIGATION

2016 Catalog



2

T
O
R
O

S
U
B
S
U
R
F
A
C
E

I
R
R
I
G
A
T
I
O
N

Air Vent

MTI Part Number	Description
✓ T-YD-500-34	1/2" MPT Air/Vacuum Relief Valve

Flushing Valve

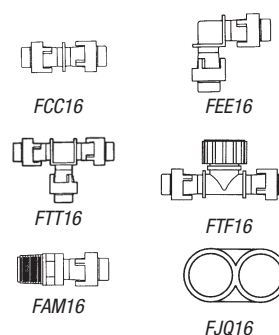
MTI Part Number	Description
✓ T-FCH-H-FIPT	3/4" FIPT, .8 GPM, 2 psi Sealing Pressure

Operation Indicator

MTI Part Number	Description
✓ T-DL-MP9	Operation Indicator

Dripline 5/8" (18mm OD, 16mm ID) LOC-Eze Fittings

MTI Part Number	Description
✓ T-FCC16	Coupling, LOC-Eze
✓ T-FEE16	Elbow, LOC-Eze
✓ T-FTT16	Tee, LOC-Eze
✓ T-FAM16	1/2" Male Adapter, LOC-Eze
✓ T-FJA16	3/4" MHT Adapter x LOC-Eze
✓ T-FJQ16	Figure 8 End Clamp (FJQ16)
✓ T-FTF16	LOC-Eze x LOC-Eze x 1/2" FPT Adapter Tee
T-FAS16	Loc Eze x 3/4" FHT Swivel w/screen



Varistake Adjustable Emitter

MTI Part Number	Description
✓ T-DAK15	0–10.5 GPH, 360°, 1/4" Barbed Inlet



Pot Spray Stake

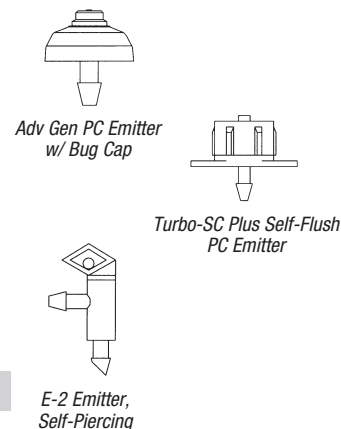
MTI Part Number	Description
✓ T-IPS03BK	5.6 GPH @ 20 psi, Black
✓ T-IPS03BL	10.5 GPH @ 20 psi, Blue
✓ T-IPS03GR	16.0 GPH @ 20 psi, Green

EZ Drip Low-Volume Irrigation

MTI Part Number	Description
-----------------	-------------

Point Source Emitters

✓ T-DPC02-DC-BLUE	Adv Gen PC Emitter w/ Bug Cap, .53 GPH (Blue)
✓ T-DPC04-DC	Adv Gen PC Emitter w/ Bug Cap 1.06 GPH (Black)
✓ T-DPC08-DC-RED	Adv Gen PC Emitter w/ Bug Cap 2.11 GPH (Red)
T-DPJ02-A-BLUE	Turbo-SC Plus Self-Flush PC Emitter, .53 GPH (Blue)
T-DPJ04-A	Turbo-SC Plus Self-Flush PC Emitter 1.06 GPH (Black)
T-DPJ08-A-RED	Turbo-SC Plus Self-Flush PC Emitter 2.11 GPH (Red)
T-DBK04-100	E-2 Emitter, Self-Piercing, Barb 1.06 GPH (Black)
T-DBK08-RED-100	E-2 Emitter, Self-Piercing, Barb 2.11 GPH (Red)
✓ T-DBK16-MB-100	E-2 Emitter, Self-Piercing, Barb 4.23 GPH (Maroon)



Foggers, Threaded, with 1/4" Barbed Stake

MTI Part Number	Description
T-SFL4081	2 GPH Fogger
T-SFL4161	4 GPH Fogger

Burnsville, MN
763-592-5701

Maple Grove, MN
763-592-5703

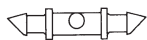
Fargo, ND
701-365-4260

Grimes, IA
515-661-6800

Berkeley, MO
314-506-4100



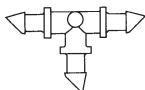
Multi-outlet Emitter System



FCC0400-100 Coupling



FEE0400-100 Elbow



FTT0400-100 Tee



SS6 Staple



FMP08 Plastic Insertion Tool



FMP16 Stainless Steel Insertion Tool

Multi-Outlet Emitter

MTI Part Number	Description
✓ T-PR25-9	9 outlet, 25 psi pressure regulating w/plugs, 1/2" FTP

Microline Non-Pressure Compensating

MTI Part Number	Description
T-MCRG-206	100' 6" Spacing .5 GPH Spaghetti (6 mm)
✓ T-MCRG-212	100' 12" Spacing .5 GPH Spaghetti (6 mm)
✓ T-EHD0437-010	1/4" (4 mm) 100' Poly Hose, w/ Blue Stripe (EZH025-100)

Microline Fittings for 6 mm OD, 4 mm ID

MTI Part Number	Description
✓ T-FCC0400-100	Coupling (Barb x Barb) (FC-025)
✓ T-FEE0400-100	Elbow (FE-025)
✓ T-FTT0400-100	Tee (Barb x Barb) (FT-025)
T-FCV-BB	Valve (Barb x Barb) (FCV-BB)

Stakes, Staples and Accessories

MTI Part Number	Description
✓ T-FPG02	Double-Sided Goof Plug (GP-2)
✓ T-IPS0104	1/4" (4 mm) Locator Stake (ST-025)
T-IPS1500	1/2" Locator Stake (10 mm – 16 mm) (ST-050)
✓ BC-025	Bug Cap for 1/4" (4 mm) Tubing***
✓ T-SS6-50	6" Staple

*** Discontinued when inventory is depleted.

Tools

MTI Part Number	Description
✓ T-FMP08	Plastic Insertion Tool for 1/4" Barb
✓ T-FMP16	Stainless Steel Insertion Tool

NOTE: 1/4" = 4 mm
1/2" = 13 mm
5/8" = 16 mm
3/4" = 20 mm

Not all irrigation products are listed. If you are looking for something you don't see, *please ask!*

✓ Stocked at Most Stores * MTI Best Sellers . . . Best Availability

Prices subject to change without notice.