



INTERNATIONAL CATALOG

INT'L CATALOG

EN

DIG has been providing drip irrigation products to the public since 1981. With a concentrated interest in water conservation, DIG manufactures and distributes innovative, eco-friendly drip irrigation technology and alternate powered controllers for homeowners and professionals.

ES

DIG ha estado proveyendo productos de riego por goteo al público desde 1981. Con un interés sumo en la conservación de agua, DIG fabrica y distribuye ecologicos e inovadores controladores de riego por goteo, con potencia alternativa para propietarios y profesionales.

IT

DIG ha fornito prodotti per l'irrigazione a goccia al pubblico dal 1981. Con un interesse concentrato nella conservazione dell'acqua, DIG produce e distribuisce innovativi, eco-friendly tecnologia di irrigazione a goccia e controllori alimentati alternativi per i proprietari di abitazione e professionisti.



MICRO-LINE™
Dripline above ground



Drip Manifold
Multi-outlet



Foggers
Swirls water droplets
into a fine mist



Compression Fittings
Connection to tubing



400A
Single Station Controllers



710A
Single Station Controllers



7X0A
Multi-station Controllers



710AP
Propagation & Irrigation



Micro Sprayers
12" Pop-Up



EVO100
Solar Powered



LEIT-1
Solar Powered



LEIT-2ET
Wireless & Weather based



LEIT 4000 & LEIT X
Solar Powered

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MICRO-LINE™

Dripline

The compact size and flexible design make the Micro-line™ dripline ideal for a wide range of applications.

Features

- Used above ground or under mulch for a variety of applications such as containers and narrow plantings
- Large labyrinth water passage and turbulent flow help reduce clogging
- Inlet filter helps prevent particles from entering the drip emitter labyrinth path
- Resistant to chemicals and fertilizers commonly used in landscape applications
- Use with 6 mm barbed fittings
- Flexible tubing for easy installation
- Two outlets per drip emitter ensure less chance of clogging

Specifications

- Operating pressure: .7-1.7 BAR
- Flow rates: 2 L/H at 1 BAR
- Dripline color code: black or brown
- Dripper color code: blue
- Size: 4.3 mm ID x 6 mm OD
- Spacing: 15 cm, 22 cm, or 30 cm
- Available in 30 m, 150 m, 300 m and 900 m
- Minimum bending radius: .3 m
- Filter requirement: minimum of 150 mesh
- Materials: low-density polyethylene resin



Flow rate per 15 m at 1.7 BAR

Dripper	LPM	LPH	Dripper	GPM	GPH
15 cm	3.3	200	6"	0.87	52
23 cm	2.2	130	9"	0.58	35
30 cm	1.7	60	12"	0.43	26

Flow rate per 15 m at 1.7 BAR

Dripper	LPM	LPH	Dripper	GPM	GPH
15 cm	3.7	220	6"	0.97	58
23 cm	2.4	143	9"	0.64	39
30 cm	1.8	110	12"	0.48	29

Flow rate per 15 m at 1.7 BAR

Dripper	LPM	LPH	Dripper	GPM	GPH
15 cm	4.2	250	6"	1.08	65
23 cm	2.7	163	9"	0.72	43
30 cm	2.1	125	12"	0.54	33

Maximum single lateral length

Pressure (BAR)	Dripper Spacing			Flow Rate (L/H)
	15 cm	22 cm	30 cm	
1.0	5.5 m	7.3 m	9.8 m	2.0 L/H
1.4	7.3 m	10.4 m	12.5 m	2.2 L/H
1.7	10.0 m	7.3 m	14.9 m	2.5 L/H

Pressure vs. flow

Pressure (BAR)	Flow (L/H)	Pressure (PSI)	Flow (GPH)
0.7	1.6	10	0.42
1.0	2.0	15	0.52
1.4	2.2	20	0.58
1.7	2.5	25	0.65

How to specify

Model	Description	Color
ML-1XX	30 m 2 L/H	Black
ML-1XXB	30 m 2 L/H	Brown
ML-5XX	152 m 2 L/H	Black
ML-5XXB	152 m 2 L/H	Brown
ML-10XX	305 m 2 L/H	Black
ML-10XXB	305 m 2 L/H	Brown
ML-30XX	914 m 2 L/H	Black
ML-30XXB	914 m 2 L/H	Brown

XX = dripper spacing

example:	06	= 6 in (15 cm)
ML-1XX	09	= 9 in (23 cm)
ML-112	12	= 12 in (30 cm)

DRIP MANIFOLDS

4, 6 and 12 Outlets

TOP – Twelve Outlet Manifolds

Features

- Constructed with 12 built-in individually pressure compensating drip emitters
- Self-flushing emitters allow passage of water and minimize clogging
- Interchangeable drip emitters for variable flow rates in a single head
- Color-coded drip emitters and barbs easily identify flow rate at each zone
- Each drip emitter individually filtered (approx. 80 mesh)
- Backup mini-disk filter
- Rugged materials to withstand the most adverse conditions
- Install above grade or place below grade in a 15 cm emitter box
- Inlet plugs provide the option to cap off up to eight drip emitters
- TOP kits contain 30 m of 3 mm distribution tubing, accessories, stakes and 4 mm converter barbs allowing the use of 4 mm ID distribution tubing

Specifications

- Operating pressure: 1-3 BAR
- Pressure compensating range: .5-5.6 BAR
- Flow rates: 2.2, 4, 8.3 and 12.5 L/H
- Inlet size: 1/2" FPT
- Use with 3 mm or 4 mm distribution tubing
- Filter requirement: minimum of 120 mesh
- Materials:
 - Body and cover: high impact plastic
 - Filter: nylon
 - Diaphragm: silicon

Dimensions

- Dimensions: 7.6 cm W x 5 cm H



How to specify

Model	Description
TOP-000	Manifold only
TOP-005	2.2 L/H per outlet
TOP-010	4 L/H per outlet
TOP-020	8.3 L/H per outlet
TOP-030	12.5 L/H per outlet
TOP-100	KIT with 4 L/H per outlet
TOP-200	KIT with 8.3 L/H per outlet
TOP-300	KIT with 12.5 L/H per outlet

Six Outlet PC Drip Manifolds

Features

- Available in two flow rates
- Large water passages with rolling diaphragm allow debris to pass through without clogging
- Individual flow-regulated devices for each outlet
- Rugged materials to withstand adverse conditions
- Install above grade or place below grade in a 15 cm emitter box
- Available with barbs or barbed elbow outlets to hold 4mm ID distribution tubing
- Color-coded body for easy identification

Specifications

- Operating pressure: 1-3.5 BAR
- Flow rates: 17 and 20.8 L/H
- Inlet size: 1/2" FPT
- Outlet size: 4 mm barb or barbed elbow
- Use with 4 mm ID distribution tubing
- Filter requirement: min. of 80 mesh
- Materials:
 - Body, covers and flow regulating device: high impact plastic
 - Diaphragms: silicon
 - Barbed outlets: acetal

Dimensions

- 57 mm W x 38 mm H



How to specify

Model	Description	Color
With side outlet		
06-504	17 L/H	Black
06-506	20 L/H	Brown

DRIP MANIFOLDS

4, 6 and 12 Outlets

Six Outlet Adjustable Drip Manifolds

Features

- Swivel barbed outlets allow installation flexibility and protection of flow control
- Made of rugged materials to withstand adverse conditions
- Can be installed above or below grade in a 15 cm emitter box
- Use with 4 mm ID distribution tubing or with 4 mm dripline

Specifications

- Operating pressure: 3.5 BAR
- Flow rate is adjustable between 0-75 L/H per each outlet
- Inlet size: 1/2" FPT
- Outlet size: press-fit flow dial with 4 mm barb
- Filter requirement: min. of 80 mesh

Dimensions

- 57 mm W x 38 mm H



How to specify

Model	Description
06-620	Barb outlet, 15 mm FPT, adjustable head, 0-75 L/H per outlet

Four Outlet Drip Manifolds

Features

- Built with large water passage and backup screen filter to help prevent clogging
- Available with top-mounted, barbed connector outlets, which can be easily removed or replaced to hold 4 mm ID distribution tubing
- Three flow rates, color-coded for easy identification
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions
- Install above grade or place below grade in a 15 cm emitter box

Specifications

- Operating pressure: .7-3.5 BAR
- Flow rates: 8, 23, 45, and 76 L/H
- Inlet size: 1/2" FPT
- Outlet size: 4 mm barb
- Filter requirement: minimum of 120 mesh
- Materials:
 - Body: ABS
 - Diaphragm: EPDM

Dimensions

- 33 mm W x 58 mm H



How to specify

Model	Description	Color
06-042	8 L/H	Blue
06-043	22 L/H	Black
06-044	45 L/H	Red
06-045	75 L/H	Green



POP-UP MICRO SPRAYERS

30 cm Pop-up sprayers and pop-up indicator

Features

- 30 cm pop-up lengths with 4 mm barbed elbow or 15 mm MNPT
- Unique design incorporates a pressure activated, low friction, upper stem seal
- Second stage piston seal ensures sealing
- Can be used with all sizes of polyethylene tubing using the 4 mm barbed elbow option
- Three color-coded spray nozzles for easy identification
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions
- Filter requirement: minimum of 150 mesh

Specifications

- Operating pressure: 1-2.1 BAR
- Nominal operating pressure: 2.1 BAR
- Flow rate: 34-166 L/H
- Wetting diameter: up to 3.81 m
- Filter requirement: 120 mesh
- Inlet size: 13 mm MNPT thread or 4 mm barbed side outlet
- Materials:
 - Body and piston: semi-rigid polypropylene
 - Seals: EPDM and vinyl
 - Base: high impact plastic
 - Spring: stainless steel 304

Dimensions

- Pop-up height:
 - 30 cm or when up 53 cm



How to specify

Model	Description
13 mm MNPT inlet with 30 cm pop-up	
MP-121	90° spray head
MP-122	180° spray head
MP-123	360° spray head
4 mm Barbed inlet with 30 cm pop-up	
MP-124	90° spray head
MP-125	180° spray head
MP-126	360° spray head

Pop-Up Indicator

Features

- Available in four configurations
- Large red color indicator for visibility
- Unique design ensures reliable operation
- Can be installed with Excel™ dripline, poly tubing, PVC or used with any drip irrigation system
- Ideal for sub surface systems and densely planted sites

Specifications

- Operating pressure: 1-2.4 BAR
- Operating pressure: 2.1 BAR
- Pop-up indicator height:
 - 20 cm retracted to 33 cm extended
 - 30 cm retracted to 53 cm extended



How to specify

Model	Description
DSPI-08	20 cm with 13 mm MPT
DSPI-08B	20.cm with 61 cm micro tubing and barb
DSPI-12	30 cm with 13 mm MPT
DSPI-12B	30 cm with 61 cm micro tubing and barb



EXL SERIES FOGGER

Available on 1/2" FNPT, 4 mm barb or 5/16 mm thread

Features

- Incorporates a vortex design, swirls water droplets into a fine mist
- Modular, lightweight and easy to maintain, configure and install
- Designed without a bridge to prevent dripping
- Three part construction with O-ring for a tight seal
- Available on 1/2" FPT, 4 mm barb or 5/16 mm thread

Dimensions

- 33 mm W x 58 mm H

Specifications

- Operating pressure: 2.4-5.6 BAR
- Nominal flow rates 3.5 BAR
- Flow rate: 3-11.6 L/H
- Inlet size: 4 mm barb or 5/16 mm thread
- Filter requirement: minimum of 200 mesh
- Materials:
 - Body: acetal
 - O-ring: Buna-N



How to specify		
Model	Description	Color
07-044	3 L/H with barb	Purple
07-045	3.8 L/H with barb	Black
07-046	5.7 L/H with barb	Green
07-047	3 L/H on 5/16 mm thread	Purple
07-048	3.8 L/H on 5/16 mm thread	Black
07-052	7.6 L/H with barb	Brown
07-054	11.4 L/H on 5/16 mm thread	Gray

Flow rate vs. pressure					
Nozzle color	Purple	Black	Green	Brown	Gray
Nozzle size (mm)	.254	.330	.508	.635	.889
Flow rate (L/H)	3.03	3.79	5.68	7.57	11.36
Diameter (m)	.762	.762	1.07	1.07	1.22
Misting angle	70°	70°	70°	70°	70°
Flow rates (L/H)					
35 PSI	2.88	3.22	5.15	6.36	9.08
40 PSI	3.03	3.44	5.64	6.93	9.88
45 PSI	3.18	3.71	5.75	7.23	10.52
50 PSI	3.22	3.94	5.98	7.65	11.02
55 PSI	3.30	4.05	6.21	7.91	11.43
60 PSI	3.41	4.32	6.47	8.25	12
65 PSI	3.44	4.43	6.59	8.56	12.30
70 PSI	3.82	4.77	6.85	8.74	12.95



How to specify		
Model	Description	Color
07-049	3 L/H w/ 4 mm barbed elbow	Purple
07-050	3.8 L/H w/ 4 mm barbed elbow	Black
07-055	5.7 L/H w/ 4 mm barbed elbow	Green
07-056	7.6 L/H w/ 4 mm barbed elbow	Brown
07-057	11.4 L/H w/ 4 mm barbed elbow	Gray
07-101	5.7 L/H on 13 mm FNPT	Green
07-102	7.6 L/H on 13 mm FNPT	Brown
07-103	11.4 L/H on 13 mm FNPT	Gray



COMPRESSION FITTINGS

12, 16 and 18 mm compression fittings in a variety of configurations

Features





- High impact plastic
- Color-coded
- UV-resistant
- Secure and easy installation without glue or clamps
- Fits all 12 mm, 16 mm, 17 mm dripline and polyethylene tubing

Specifications

- Operating pressure: up to 4.2 BAR
- Materials:
 - Body: ABS
 - Inserts: polycarbonate




How to specify

Model	Description	
Swivel tee with washer		
24-058	16 mm (.620 OD x 3/4" FPT) green	
24-059	18 mm (.700 OD x 3/4" FPT) black	
24-064	16 mm (.620 OD x 3/4" FPT) green	
24-065	18 mm (.700 OD x 3/4" FPT) black	
Coupling		
24-012	12 mm (.450 OD) red	
24-002	16 mm (.620 OD) green	
15-004	18 mm (.700 OD) black	
Tee		
24-015	12 mm (.450 OD) red	
24-003	16 mm (.620 OD) green	
15-006	18 mm (.700 OD) black	
Elbow		
24-013	12 mm (.450 OD) red	
24-004	16 mm (.620 OD) green	
15-007	18 mm (.700 OD) black	

How to specify

Model	Description	
Swivel adaptor with washer		
24-006	16 mm (.620 OD x 3/4" FPT) green	
15-024	18 mm (.700 OD x 3/4" FPT) black	
End cap		
24-018	12 mm. (.450 OD x 3/4" FPT) red	
24-005	16 mm (.620 OD x 3/4" FPT) green	
Adaptor		
24-033	16mm (.620 OD x 1/2" MPT) green	
24-024	12 mm (.450 OD x 3/4" MPT) red	
24-025	16 mm (.620 OD x 3/4" MPT) green	

How to specify

Model	Description	
Swivel adaptor with screen		
24-016	12 mm (.450 OD x 3/4" FPT) red	
24-001	16 mm (.620 OD x 3/4" FPT) green	
15-005	18 mm (.700 OD x 3/4" FPT) black	
24-028	16 mm (.620 OD x 3/4" FPT) green	
24-029	18 mm (.700 OD x 3/4" FPT) black	

ACCESSORIES

Stakes and Pop-up riser assemblies

Stakes

Features

- High impact plastic
- UV-resistant
- Stake with flow adjustment available with 5/16 mm thread
- Flow rate on stake is adjustable to off
- For secure and easy installation of 13 mm polyethylene and 4 mm distribution tubing



How to specify

Model	Description	Color
Pictured from left to right		
16-027	Labyrinth arrow stake for 3 mm tubing	Black
16-011	Stake for 13 mm poly tubing	Black
16-016	"V" stake	Black
16-017	15 cm Stake w/barb for 3 mm tubing	Black
16-023	10 cm Stake	Black
16-025	33 cm Clip stake	Black
16-032	13 mm Heavy duty stake	Black
16-062	13 mm Heavy duty stake	Brown
16-042	4 mm Heavy duty stake	Black
16-072	4 mm Heavy duty stake	Brown
16-043	Adjustable stake w 5/16 mm thread	Black
16-056	4 mm x 13 cm Galvanized steel wire	
16-057	13 mm x 20 cm Galvanized steel wire	
16-059	20 cm stake w 5/16 mm thread top outlet & side barb inlet	Black

Pop-Up Riser Assembly

Features

- Available in 20 cm or 30 cm with 13 mm MNPT or with 4 mm barb
- Unique design incorporates a pressure activated, low friction, upper stem seal and a second stage piston seal to ensure positive sealing
- 4 mm side outlet can be used with 4 mm ID distribution tubing and installed on any polyethylene tubing



Specifications

- Operating pressure: 1-2.5 BAR
- Filter requirement: 120 mesh

Dimensions

- 20 cm or when up 33 cm
- 30 cm or when up 53 cm

How to specify

Model	Description
16-508	20 cm pop-up riser with 4 mm barb
16-509	30 cm pop-up riser with 4 mm barb
16-510	20 cm pop-up riser with 1/2" MPT
16-511	30 cm pop-up riser with 1/2" MPT

Semi Rigid PE Riser Assemblies on Stake

Features

- Pre-assembled with rigid polyethylene
- PE riser 4 mm ID
- Flow rate on stake is adjustable to off
- Constructed of UV-resistant plastic material



How to specify

Model	Description
PE riser w/clip spike assembly	
16-046	20 cm
16-047	25 cm
16-048	30 cm
16-049	41 cm
PE riser w/adjustable spike assembly	
16-108	20 cm
16-112	30 cm
PE riser w/stake assembly	
16-109	20 cm

Semi Rigid PE Riser Assemblies

Features

- Pre-assembled with rigid polyethylene PE riser with 4 mm ID
- Constructed of UV-resistant plastic material



How to specify

Model	Description
PE riser w/barb	
16-038	30 cm
PE riser with 1/2" MPT adapter	
16-208	20 cm
16-212	30 cm

400A SERIES

Single Station Controllers



Designed for residential and commercial applications or where AC power is unavailable, the rugged 400A series Single Station Battery Operated Controllers are available with a two wire DC latching solenoid and three adapters to fit most valves.

Features

- Simple to program
- Large LCD display with easy to read icon
- Rain sensor connection included
- Durable construction whether below grade in a valve box or above grade; completely waterproof
- Battery life up to 3 years using 2, AA batteries

Programming Features

- Watering durations in 1 minute increments from 1 minute to 5 hours and 59 minutes
- Four start times per day provides added flexibility for any type of watering application including sandy or clay soil
- Valve duration up to 5 hours 59 minutes in one-minute increments
- Custom programming with a weekly calendar, odd days, even days or intervals of one to thirty (1-30) days utilizing yearly calendar with leap year
- Rain Delay with up to 99 days with auto restart



How to specify

Model	Description
400A in-line valve with BSP thread	
400A-075BSP	20 mm, 3/4"
400A -100BSP	25 mm, 1"

3 year warranty

710A SERIES

Single Station Controllers



Battery
Powered

Completely waterproof and able to operate in harsh environments, the easy to use 710A series single station battery operated controllers with two wire DC latching solenoid are used for above ground or below grade installation on a wide range of valves.

Features

- Simple to program
- Large LCD display with easy to read icon
- Rain sensor connection included
- Durable construction whether below grade in a valve box or above grade; completely waterproof
- Battery life up to 3 years using 2, AA batteries

Programming Features

- Watering durations in 1 minute increments from 1 minute to 5 hours and 59 minutes
- Five start times per day provides added flexibility for any type of watering application including sandy or clay soil
- 7-day programming schedule includes weekly, odd, even 1 to 30 days or every 1 to 12 hours in 1 hour increments
- Monthly water budgeting from 0%-200% in 5% increments
- Rain delay option with automatic restart up to 99 day
- Twenty preset programs of historical evapotranspiration (ET) for spray heads and drip irrigation with editing feature



How to specify

Model	Description
710A Controller Only	
710A-000	Controller with 3 Adapters
710A with In-line Valve	
710A-075 BSP	20 mm (¾") in-line valve
710A-100 BSP	25 mm (1") in-line valve

3 year warranty

7X0A SERIES

Two, Four and Six Stations Controllers



Battery
Powered

Control multiple valves in multiple locations with a single controller where no AC power is available with the 720A, 740A, and 760A multi station battery operated controllers; the latest additions to DIG's innovative 700A line of controllers.

Programming Features

- Four programs available with up to five start times per program; provides flexible scheduling to meet a variety of watering requirements
- Custom programming schedules including a weekly calendar, odd or even days, or intervals from one to thirty (1-30) days
- Durations up to 5 hours and 59 minutes in one-minute increments
- 20 pre-set presets regional historical ET-based programs available for 10 climate zones, with 10 for drip irrigation and 10 for spray heads
- Monthly seasonal adjustment that modifies the duration from 5% to 200% in 5% increments
- Irrigation suspension (rain delay) for up to 99 days; resumes irrigation automatically
- Dedicated On/Off button allows the user to turn off the controller system or an individual program and reactivate it as desired
- Events off mode with daily and monthly programming restriction option allows controller to bypass irrigation schedules
- Non-volatile memory holds all programs indefinitely without batteries



How to specify

Model	Description
7X0A Series	
720A-000	two station
740A-000	four station
760A-000	six Station
Solenoids	
S-305DC	11/16"-12" UN thread

3 year warranty

*see Page 13

710AP SERIES

Propagation and Irrigation Controllers



Battery
Powered

The 710AP series single station controller is a versatile battery operated controller equipped with a two wire DC latching solenoid and designed with propagation, misting and irrigation cycles to provide advanced programming capabilities for all types of commercial, greenhouse and nursery applications.

Programming Features

- Custom programming schedules with a weekly calendar, odd days, even days, intervals from one to thirty (1-30) days utilizing yearly calendar with leap year or 1 to 12 hours and 1 to 59 minutes.
- Five start times per day in normal mode, one start and stop time per day with watering intervals of every 1 minute to up to 12 hours in propagation mode.
- Duration up to 5 hours and 59 minutes in one-minute increments in normal mode or from 5 seconds to 59 minutes in 1 second increments in propagation mode.
- Monthly seasonal adjustment with option to reduce the program duration setting to 5% of normal or to increase it up to 200% in 5% increments without modifying the controller's program duration in irrigation schedules
- Irrigation suspension for up to 99 days with auto-restart; resumes irrigation automatically.
- Program Off button allows the user to turn off the controller and reactivate it as desired as well as to quickly activate or deactivate propagation programs.
- Manual On/Off button opens the valve and utilizes the program run-time to display time left in run. Can be pressed again to quickly shut off the valve.



How to specify

Model	Description
710AP Series - Single station	
710AP-075BSP	20 mm (3/4") BSP inline valve
710AP-100BSP	25 mm (1") BSP inline valve

3 year warranty

EVO100I

Ambient Light (Solar) Powered Tap Timer



The EVO 100I waterproof tap timer's innovative design and patented technology utilizes solar power by collecting surrounding ambient light and then storing this energy in internal, lead free super-capacitors.

Programming Features

- Custom programming schedules with a weekly calendar, odd days, even days, or intervals from one to thirty (1-30) days utilizing yearly calendar with leap year
- Four start times per day
- Durations up to 5 hours and 59 minutes in one-minute increments
- Irrigation suspension for up to 99 days with auto-restart; resumes irrigation automatically
- Program Off button allows the user to turn off the controller and reactivate it as desired
- Manual On/Off button with semi-automatic feature utilizing the program runtime and shows the time left to run with quick override



How to specify

Model	Description
EVO-100I	Solar powered hose end timer (tap timer) w/LCD display – with BSP thread

3 year warranty

LEIT-1

Ambient Light (Solar) Powered Controller



Powered solely by ambient light (solar), DIG has developed a fully self-sustainable irrigation controller that doesn't use batteries or an AC power source. The LEIT-1 requires no direct sunlight and can obtain enough power from surrounding light to operate both day and night in any weather condition.

Programming Features

- Custom programming with a weekly calendar, odd days, even days or intervals of one to thirty (1-30) days utilizing yearly calendar with leap year
- Five start times per day provides added flexibility for any type of watering application including sandy or clay soil
- Duration up to 5 hours and 59 minutes in one-minute increments
- 20 Preset Historical ET programs with 10 Climate zones, 10 for drip irrigation and 10 for spray systems
- Monthly seasonal adjustment budget (0 to 200%) in 5% increments without modifying the controller's program duration; also can be used to fine-tune the preset ET program for each month
- Rain Delay with up to 99 days with auto restart



Available solenoid valve adapters

Model	Compatible valves
30-920	BERMAD series 200, HIT series 500, DOROT series 80, GRISWOLD series 2000, DW and BUCKNER series
30-921	RAIN BIRD DV, DVF, PGA, PEB (1" only), GB, EFB-CP, BPE, PESB (1" only) and ASVF valves
30-922*	HUNTER series ASV, HPV, ICV, PGV, SRV, IBV and ASVF valves
30-923	WEATHERMATIC series 12000, 21000, 8200CR valves
30-924	IRRITROL series 100, 200B, 205, 217B, 700, 2400, 2500, 2600 and TORO series 220, P220 valves
30-925	SUPERIOR series 950, HUNTER HBV and TORO series 252 valves
30-926	RAIN BIRD SERIES PEB and PESB



How to specify

Model	Description
LEIT-1 In-Line Valve	
LEIT1 ILV-075BSP	20 mm (¾") inline valve
LEIT1 ILV-100BSP	25 mm (1") inline valve

3 year warranty

LEIT-2ET

Wireless, Weather Based Irrigation Control System



The LEIT-2ET weather based wireless irrigation control system is composed of a 2 station controller, wireless handset and wireless weather station. It is programmed to monitor, control and adjust irrigation schedules for each zone through evapotranspiration (ET_o) data transmitted hourly and daily during daytime from a local weather station and site information received from the LEIT RC2ET handset.

Controller Features

- Environmentally friendly- RoHS compliant components
 - Waterproof, IP68 compliance
 - PVM and microelectronic management system fueled by ambient light (solar).
 - Operates up to 2 stations and a rain sensor
 - Unique Client ID identity code for controller and handset
 - If ET is activated, information provided by the handset and information transmitted from the weather station
- sensors are used to override or adjust daily scheduled irrigation programs
 - Utilizes ISM band radio frequency band (915MHz NA, 866.5MHz Hong Kong, 868MHz International) CE, IC, FCC certified, Australia and Hong Kong compliant
 - Non-volatile memory retains program and controller integrity
 - Program stacking feature prevents hydraulic overload
 - Custom station grouping allows controller to operate the two stations simultaneously if hydraulic limitations are not exceeded
 - Available with 450 mm color-coded 16 gauge wires for each valve and rain sensor



- 3 mounting configurations including green, tan and purple valve box mounts, direct-to-valve clip mounting and column mounting with 630 mm or 1200 mm mounting columns
- 3 year manufacturer warranty

How to specify

Model	Description
LEIT-2ET system controller	
LEIT-2ET	USA, Canada, Australia & Japan
LEIT-2ET-I	Europe & South Korea
LEIT-2ET-H	Hong Kong, Singapore & Macau



How to specify

Model	Description
For use with LEIT-2 ET controllers only	
S-305DC	DC Solenoid (6-9 volt) with 11/16"-12 UN thread
S-305DC-10	DC Solenoid (6-9 volt) with 11/16"-12 UN thread (pack of 10)





Handset Programming Features

- 2 independent programs with 4 start times per program
- Scheduled watering times run from 1 minute to 5 hours and 59 minutes duration
- 365-day calendar with leap year
- Custom programming with 7-day calendar or intervals from 1-39 days, odd, even or every day rotation
- Rain delay of up to 99 days with auto-restart
- Monthly "Off" feature allows it to be inactive any month of the year
- Permanent Event "Off" feature allows for 3 inactive days per year
- Water budgeting from 10-200% in 10% increments
- Site or zone information input into each valve when ET is active with ET editing feature
- History Report on valve run times, ET savings in percentage and total time saved
- Manual test and manual run performed via the RC2ET handset
- Global Stop command turns off all valves with the same Client ID within radio range

How to specify

Model	Description
LEIT RC2ET remote control handset	
LEIT-RC2ET	USA, Canada & Japan
LEIT-RC2ET-I	Europe & South Korea (Black)
LEIT-RC2ET-H	Hong Kong, Singapore & Macau (Black)
LEIT-RC2ET-A	Australia



Weather Station Features

- Weather data transmitted is stored by the controllers and is reviewable by the LEIT RC2ET handsets
- Self-emptying tipping bucket rain gauge reads rainfall in .254 mm increments
- The LEIT WWS alert LEIT-2 ET controllers to completely stop irrigation in extreme weather conditions
- Controller setting allows the LEIT WWS weather station to completely stop irrigation in extreme weather conditions

How to specify

Model	Description
LEIT-2ET weather station	
LEIT WWS	USA, Canada, Australia & Japan
LEIT WWS-I	Europe & South Korea
LEIT WWS-H	Hong Kong, Singapore & Macau



Mounting

- Valve clip mounting can attach the controller directly to the S-305DC solenoid
- Valve box mounting color: green



Column Mounting Features

- Column mounting allows the controller to be above the ground using 630 or 1200 mm galvanized mounting column

How to specify

Model	Description
MCOL-4000	Mounting column 81 cm short
MCOL-4000L	Mounting column 122 cm long
MCOLXS	Mounting column 89 cm short
MCOLXL	Mounting column 130 cm long
MKIT 4000	Column mounting kit for LEIT 4000
MKIT X	Column mounting kit for LEIT X & XRC

LEIT[®] 4000 & LEIT X

Ambient Light (Solar) Powered Controllers



The LEIT 4000 and the LEIT X water management irrigation controllers, offer a time tested, self-contained, cost effective alternative to conventional AC powered controllers. Because they do not require connection to a power grid, these controllers help reduce installation costs in commercial, municipal, and environmental site preservation.

Programming Features

- Watering durations from 1 minute to 5 hours and 59 minutes
- Four independent programs with three start times per program allows for mixed irrigation applications
- Custom programming with 7-day calendar or intervals of 1-39 days in odd/even or every day rotation
- Status and operation history reports
- Status Report for each valve verifies operating time for past and current month
- Rain delay up to 99 days with auto-restart
- Water budgeting from 10-200% in 10% increments



Self-contained solar panel

Fully waterproof

Easy-to-read display

4 buttons for easy programming

LEIT key

Mounting location



How to specify

Model	Description
LEMA 1600HE	Solenoid with internal bleed manual override



How to specify

Model	Description
SKIT8821-4	Sensor adapter for LEIT 4000, X, XRC



How to specify

Model	Description
RKIT-8810S	Relay interface module for 24 AC/DC-230V AC/DC (for 4000, X, & XRC)



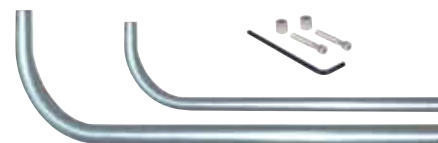
How to specify

Model	Description
LEIT KEY	Programming tool for LEIT 4000 and LEIT X



How to specify

Model	Description
VRC 4000	Vandal resistant cover for LEIT 4000
VTC X	Vandal resistant cover for LEIT X



How to specify

Model	Description
MKit 4000	Mouting Kit for LEIT 4000
MKit X	Mouting Kit for LEIT X
MCOL 4000	Mouting Column for LEIT 4000
MCOL X	Mouting Column for LEIT X

A practical and affordable solution for

- Parks
- Cities
- Common Areas
- Zoos
- Highways
- Median Strips
- Mitigation sites
- Cemeteries
- Airports
- School Campuses

Sustainable green solutions

- Environmentally friendly: harness ambient light; clean, renewable solar power
- No batteries to charge or replace; certified lead free
- Can help to achieve LEED certification

Versatile

- No permit requirements
- Quick and easy installation
- Operate four, six, or eight stations and a master valve or pump start
- Operate with LEMA 1600HE solenoid actuator, which can be mounted on most brand name valves using one of our seven adapters
- Multi-lingual software in English, Spanish, Italian, and French

Security

- Programming password eliminates potential user error
- Password can be changed at any time during program setup and activation
- Standard stainless steel lock secures weather resistant exterior panel



How to specify	
Model	Description
LEIT 4004	4 stations plus MV/P
LEIT 4006	6 stations plus MV/P
LEIT 4008	8 stations plus MV/P
LEIT X10	10 stations plus MV/P
LEIT X12	12 stations plus MV/P
LEIT X16	16 stations plus MV/P
LEIT X20	20 stations plus MV/P
LEIT X24	24 stations plus MV/P
LEIT X28	28 stations plus MV/P



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