



HOLMAN

IRRIGATION CATALOGUE





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WELCOME TO HOLMAN INDUSTRIES

Holman Industries was founded on the 4th of January 1966. For the last 25 years the company has been focused on the irrigation, landscape and plumbing industries. The Company is now the leading supplier of watering products and plumbing fittings in the Australian and New Zealand market.

Holman currently employ over 200 staff in Australia. Head office is in Perth Western Australia and large distribution warehouses are also located in Melbourne and Brisbane. The Company currently exports watering products to many countries including the USA where we supply leading brands OEM electronic control equipment.

Innovation is the lifeblood of Holman. We are continuously innovating and designing new products. The design team is based in Perth and includes electronic and mechanical engineers supported by a team of people who have over 100 years combined experience in the plumbing, watering and landscape industries.

Key product groups of the business are:

- Electronic tap timers, controllers and trouble shooters. Including Bluetooth systems.
- Battery operated irrigation controllers and valves.
- Controllers powered by ambient light (solar).
- Low density poly pipe and associated fittings.
- Gear drives, pop up sprinklers and solenoid valves for the commercial and residential irrigation markets.
- PVC sewer, stormwater and pressure pipe fittings.
- Vertical garden landscaping products and systems.

Holman prides itself in offering superior customer service. We work closely with our customers to create products that sell in their markets and make them succeed. Our philosophy is to understand our customers' demands and work closely with them to fulfil the market's demands and requirements.



BRANDS

Imported and distributed by Holman Industries



K-Rain is one of the world's foremost manufacturers of Gear Drive Sprinklers, Pop-Up Sprinklers, Sprays, Controllers and Valves for the commercial and residential irrigation markets. With more than 100 patents and over 40 years of industry experience, their advanced design and engineering have made K-Rain products easy to install, set, and use.



DIG has expanded to become a distributor of battery operated irrigation controllers and valves.

DIG's LEIT® 4000, LEIT® X and LEIT® XRC are advanced, water-management irrigation controllers powered by ambient light (solar), delivering a cost-effective alternative to conventional AC-powered systems.



SOLEM is a French company located in Montpellier since 1984. They specialise in developing and manufacturing connected devices for irrigation professionals, connected garden, and telecare professionals.



Saving water system professionals time and money is the Dawn mission. Over the past 30 years, Dawn Industries, Inc. has introduced some of the most innovative and successful water system and replacement products on the market. The Company's team of seasoned engineers, sales and office staff continue to work closely with professionals from multiple industries in developing new and innovative products.

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MICRO FITTINGS

Low Pressure Tap Timer

Battery operated automatic tap timer. Interval watering. No display

CODE: CO1603
60 - 630 kPa
19L per min



Order Details	Box QTY	No. / Stn
CO1603	6	1

SPECIFICATIONS

- Flow Rate: Up to 19L per min at 200 kPa / 29 PSI
- Temperature Range: 3°C to 50°C
- Operating Pressure: 0.6 - 6.3 bar
- Power Source: 2 x AAA Alkaline Batteries (Not included)
- Power Consumption: 20 micro amps in standby mode
- Rated up to 600 kPa

PRODUCT FEATURES

- Maximum of 120 mins run time
- Interval watering, from every hour to once a week
- Automatic and manual operations
- Suitable for tanks or gravity fed systems

Digital Tap Timer

Battery operated automatic Tap Timer with LCD and individual day watering.

CODE: CO1605
60 - 630 kPa
19L per min



Order Details	Box QTY	No. / Stn
CO1605	10	1

SPECIFICATIONS

- Flow Rate: Up to 19L per min at 200 kPa / 29 PSI
- Temperature Range: 3°C to 50°C
- Operating Pressure: 0.6 - 6.3 bar
- Power Source: 9 Volt Alkaline Battery (Not included)
- Power Consumption: 20 micro amps in standby mode
- Rated up to 600 kPa

PRODUCT FEATURES

- Up to 4 start times per day
- Watering duration selection 1min to 12hrs 59mins
- Automatic operation with manual over-ride
- "OFF" position to stop watering immediately or to act as a delay after rain
- Individual day selection with a 7 day calendar

Digital Tap Timer

Battery operated automatic Tap Timer with LCD and individual day watering.

CODE: CO3005
60 - 800 kPa
24L per min



Order Details	Box QTY	No. / Stn
CO3005	3	1

SPECIFICATIONS

- Flow Rate: Up to 24L per min at 200 kPa / 29 PSI
- Temperature Range: 3°C to 50°C
- Operating Pressure: 0.6 - 8.0 bar
- Power Source: 9 Volt Alkaline Battery (Not included)
- Power Consumption: 20 micro amps in standby mode
- Rated up to 800 kPa

PRODUCT FEATURES

- Up to 4 start times per day
- Individual day selection with 7 day calendar
- Watering duration selection 1min to 12hrs 59mins
- "OFF" position to stop watering immediately or to act as a delay after rain

Solem Bluetooth Tap Timer

Battery operated Bluetooth controlled Tap Timer

CODE: SBL-NR
50 - 600 kPa
2 L/hour - 38 L/min



Order Details	No. / Stn
SBL-NR	1

CLEARANCE

SPECIFICATIONS

- Recommended Pressure: 50 - 600 kPa / 7 - 87 PSI
- Recommended Flow: 2 L/hour to 38 L/min
- Environment: 0° - 50°C
- Power Source: 6AM6 or 6LR61 9V Alkaline Battery
- Bluetooth®: Smart 4.0 Low Energy

PRODUCT FEATURES

- Internal clock maintained in power failure < 30s
- Manual commands, sprinkler duration, start times, sprinkler cycle, rain delay.
- Simple switch from sprinkler to misting mode
- Low battery alert
- Permanent programming save

DIMENSIONS

- W: 11.5 x H: 14.5 x D: 6 (cm)

Solar Powered Tap Timer

Waterproof Solar Powered Digital Hose End Tap Timer

CODE: EVO1001
69 - 690 kPa
0.4 - 30 L/min



SPECIFICATIONS

- Temperature Range: 3° - 54°C
- Power Source: Ambient light (solar).
- Sensor Connection: Yellow wire for closed contact rain sensor.
- Materials: **Timer Housing:** High impact plastic
Inlet valve and solenoid: glass reinforced nylon with stainless steel plunger and spring
- Water duration: One minute up to five hours and 59 minutes set in one minute increments.
- Water Frequency: Weekly or cyclical schedule with odd/even days or intervals from 1-30 days utilising 365 day yearly calendar with leap year.

PRODUCT FEATURES

- Powered by a patented, time-tested internal photovoltaic module and microelectronic energy management system fueled by ambient light (solar).
- Water flexibility with a selection of watering frequencies and four start times per day.
- Seven buttons and an integrated large, high resolution screen.
- Easy-to-read LCD display with an AM/PM clock and icon-based programming for easy navigation.
- Blinking notification on days the hose-end timer is active.
- Manual irrigation cycle can be performed via the manual program button.
- Quick-release faucet swivel adapter for easy irrigation suspension.
- Energy conservation feature automatically turns the hose end timer screen off after 15 minutes.
- Power level meter indicates the approximate charge.
- Semi-automatic, automatic or manual operation.

DIMENSIONS

- W: 14.6 x H: 17.1 x D: 6.3 (cm)

Order Details	No. / Stn
EVO1001	1

Solem Bluetooth Controller

CODE: SBL-IP1
STATIONS: 1

BATTERY OPERATED



Order Details	No. / Stn
SBL-IP1	1

DIMENSIONS

- W: 14 x H: 5.5 x D: 9 (cm)

SPECIFICATIONS

- Solenoid Range: 30m max
- Compatibility: 9V latching solenoid
- Master Valve Connection
- Rain Sensor Connection
- Environment: 0° - 50°C
- Power Source: 6AM6 or 6LR61 9V Alkaline battery
- 100% Waterproof: Rated IP68
- Bluetooth®: Smart 4.0 Low Energy

PRODUCT FEATURES

- Manual commands, duration, start and sprinkler cycle rain delay
- Remotely controllable via your smartphone
- The location of your controller can be recorded on the app
- Low battery alert, permanent programming save

Solem Bluetooth Controller

CODE: SBL-IS6
STATIONS: 6

INDOOR



Order Details	No. / Stn
SBL-IS6	6

DIMENSIONS

- W: 11 x H: 14.5 x D: 3.6 (cm)

SPECIFICATIONS

- External Transformer (220/24)
- Compatibility: 9V latching solenoid
- 24 Vac Solenoid Valve
- Bluetooth®: Smart 4.0 Low Energy
- Environment: 0° - 50°C
- Power Source: 230 V-50 Hz/ 24 V-50 Hz
- Maximum Consumption: 0,75 A (18 VA)
- Surge Protection: To 4kV

PRODUCT FEATURES

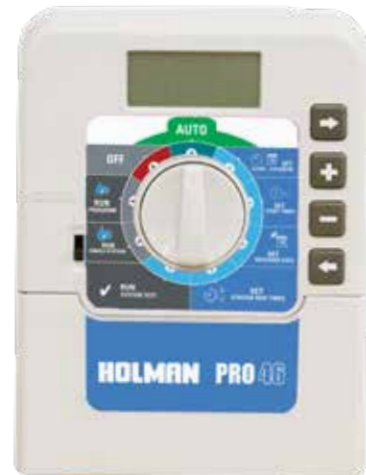
- Master Valve connection/ Pump start relay
- Rain Sensor Connection
- Permanent programming save
- Internal clock maintained in case of power failure < 5h

Pro+46

Professional Controller - Indoor

CODE: CO1446

STATIONS: 6
PROGRAMS: 4



ELECTRICAL SPECIFICATIONS

External Transformer - (Plug Pack)

- Input: 220 - 240 Volt AC
- Output: 24 Volt AC, 1 Amp

ELECTRICAL OUTPUTS

External Transformer - (Plug Pack)

- Solenoid Valves: 24 VAC 50/60 Hz 0.75 Amps max
- Master Valve/Pump Start: 24 VAC 0.25 Amps max

PRODUCT FEATURES

- 4 Programs, 4 starts per program
- Station watering run time up to 12hrs 59min
- 7 day watering cycle with individual day selection
- ODD/EVEN date selection or interval watering
- Rain switch and rain sensor input on terminal block
- Automatic, semi-automatic & single station manual operations

PACKAGING DETAILS

Dimensions: W 25 x L 42 x H 25 (cm)
Weight: 0.9kg

Order Details	Box QTY	No. / Stn
CO1446	12	6

Pro+469

Professional Controller - Outdoor

CODE: CRS3344/CRS3346/CRS3349

STATIONS: 4/6/9
PROGRAMS: 3



ELECTRICAL SPECIFICATIONS

Electrical Power Supply

- Input: 220 - 240 Volt AC
- Output: 24 Volt AC, 1.25 Amps. (30VA)

ELECTRICAL OUTPUTS

Maximum of 1.0 Amp.

- Solenoid Valves: 24 VAC 50/60 Hz 0.75 Amps max
- Master Valve/Pump Start: 24 VAC 0.25 Amps max

PRODUCT FEATURES

- Rain Sensor Ready (RSR)
- Current sensing and faulty station skip
- 3 fully independent programs, 4 starts per program
- Station watering duration up to 12 hours 59 minutes
- Watering frequency: 7 day watering cycle, individual day selection, 1 to 15 days interval watering, 365 day calendar for odd/ even watering or odd - 31
- Permanent memory
- Water budgeting from 10% to 200%

PACKAGING DETAILS

Dimensions: H x 224 W x 200 D x 75 (mm)

Order Details	Box QTY	No. / Stn
CRS3344	6	4
CRS3346	6	6
CRS3349	6	9

K-Rain EX 618

MODEL NAME: EX 618

STATIONS: 6/8/12/18
PROGRAMS: 6



SPECIFICATIONS

- **Internal Transformer:**
Input: 220 - 240 Volt AC
Output: 24 Volt AC, 1.25 Amps. (30VA)
- **Electrical Outputs:** Maximum of 1.0Amp.
To the Solenoid Valves: 24 VAC 50/60 Hz 0/75 Amps maximum (Runs up to 2 valves).
To the Master Valve/ Pump Start: 24 VAC 0.25 AMps maximum
- **Overload Protection:** Electronic fuse with Auto Reset.
- **Power Failure:** Permanent memory holds programs. Lithium 3V battery maintains clock.

PRODUCT FEATURES

- 6 fully independent programs, stations can be assigned from 1 to 6 programs allowing different durations and schedules with 6 start times per program. Maximum of 36 starts per day.
- Station watering duration up to 12 hours 59 minutes
- Seven day watering cycle with individual day selection or 1 to 15 days interval watering or 365 day calendar for odd/ even or odd-31 day watering.
- Watering start times are "stacked sequentially" if they overlap.
- "Rain Off" facility easily suspends your automatic watering during winter while retaining the timed and programmed information.
- The rain sensor can be fitted to stop automatic watering during wet periods. Rain Sensor Ready (RSR) technology allows individual stations to be set and controlled by the sensor.
- Rain Sensor Delay feature allows the user to set and override the sensor delay time at the controller. It is adjusted in 12 hour increments up to 240 hours. (Maximum delay).
- Automatic, Semi- Automatic and Manual Operations.
- System Test Facility.
- Current sensing and faulty station skip (faulty station displayed).
- Key lockable outdoor case
- Water saver facility allows adjustment of watering durations in percentage from 0% to 200% in 10% increments, for each month.

Order Details	Box QTY	No. / Stn
KR6606	4	6
KR6608	4	8
KR6612	4	12
KR6618	4	18

*RELIABLE, QUALITY,
PROFESSIONAL IRRIGATION
CONTROLLER*

*DUAL PUMP SELECTION BY
STATION OR BY PROGRAM*

*LOOPING FEATURE TO RUN
IN SECONDS/MINUTES WITH
A DELAY*

DIMENSIONS

- Height: 230mm
- Width: 180mm
- Length: 85mm

LEIT 2 Series

LEIT 2 Series Light-Energised wireless controller. Capable of powering 2 valves and a rain sensor, by the sole use of a highly efficient photovoltaic module using ambient light



MODEL NAME: LEIT 2 ET

STATIONS: 2

SPECIFICATIONS

- **Power Source:** Light with 3000 - 100,000 +Lux
- **Power Input:** 9-volt DC pulse
- **Station Capacity:** One 7-12V DC pulse, two-way latching solenoid (S-305 DC) per each set of red and white wires
- **Operating Temperature:** -0°C to 70°C
- **Controller Wires Gauge:** -16 AWG
- **Wireless Transmitter Power and Frequency:** 7 dBm @ 920 MHz / 7 dBm @ 868 MHz / 7 dBm @ 866 MHz

PRODUCT FEATURES

- Waterproof, IP68 compliance
- PVM and microelectronic
- Information transmitted from the weather station sensors or LEIT RC2ET handset is used to override or adjust daily scheduled irrigation programs.
- Environmentally friendly - RoHS compliant components

PACKAGING DETAILS

Dimensions: W 7.62 x L 14(cm)
Including Antenna

Order Details	Order QTY	No. / Stn
LEIT 2 ET	1	2
LEIT RC2 ET	1	2

LEIT 4000 Series

Advanced water management irrigation controllers powered by ambient light (solar), delivering a cost effective alternative to conventional AC-powered systems.



MODEL NAME: LEIT 4004

STATIONS: 4/6/8
PROGRAMS: 2

SPECIFICATIONS

- **Power source:** Ambient Light (PVM)
- **Controller power input:** 3000 - 100 000+LUX
- **Station Capacity:** One LEMA 1600HE per each set of red & white wire
- **Operational Temperature:** -10°C to 60°C
- **Storage Temperature:** -40°C to 90°C
- **Entry:** LEIT key to energize the liquid crystal display

PRODUCT FEATURES

- No AC power and no AC permits
- Environmentally friendly; uses clean, renewable solar power
- Automatic operation with manual over-ride
- Operates four, six, or eight stations and a master valve or pump start without AC power hookup or batteries

PACKAGING DETAILS

Dimensions: W14.5 x H 23.9(cm)
Weight: 1.2kg

Order Details	Box QTY	No. / Stn
LEIT4004	1	4
LEIT4006	1	6
LEIT4008	1	8

LEIT X Series

LEIT X with 10 to 28 stations support a permanent solution where there is no available AC power, utilizing only the power of ambient light (solar).



MODEL NAME: LEIT-X-10

STATIONS: 10-28
PROGRAMS: 2

SPECIFICATIONS

- **Power source:** Ambient Light (PVM)
- **Controller power input:** 3000 - 100 000+LUX
- **Station Capacity:** One LEMA 1600HE per each set of red & white wire
- **Operational Temperature:** -10°C to 60°C
- **Storage Temperature:** -40°C to 90°C
- **Entry:** LEIT key to energize the liquid crystal display

PRODUCT FEATURES

- No AC power and no AC permits
- Environmentally friendly; using light as a source of energy
- Operates up to 28 stations plus a master valve or pump start
- Terminal strip can handle 28 hot wire stations, MV/P wire and 2 common wires

Order Details	Box QTY	No. / Stn
LEIT-X-10	1	10
LEIT-X-12	1	12
LEIT-X-16	1	16
LEIT-X-18	1	18
LEIT-X-20	1	20
LEIT-X-24	1	24
LEIT-X-28	1	28

PACKAGING DETAILS

Dimensions: W 19 x H 30.4(cm)
Weight: 2.2kg

LEIT XRC Series w/Two-Way Radio Communication

The LEIT® XRC is an advanced, waterproof, wireless water-management controller powered by ambient light (solar).



MODEL NAME: LEIT-XRC4

STATIONS: 4-28
PROGRAMS: 2

SPECIFICATIONS

- Terminal strip can handle up to 28 hot wire stations, an MV/P wire and two common wires
- **Controller output:** Alternating 5 volt DC pulse
- **Station Capacity:** One LEMA 1600HE per each set of red & white wire
- **Operational Temperature:** -10°C to 60°C
- **Time to charge:** - up to 2 hours
- **Sensor connection:** normally closed, none active

PRODUCT FEATURES

- No AC power and no AC permits
- Environmentally friendly; uses clean, renewable solar power
- Powered by a low power, self-contained photovoltaic module
- Remote programming and management capability using one of the two-way LEIT Link™ Remote Control Handsets

Order Details	Box QTY	No. / Stn
LEIT-XRC-4	1	4
LEIT-XRC-6	1	6
LEIT-XRC-8	1	8
LEIT-XRC-10	1	10
LEIT-XRC-12	1	12
LEIT-XRC-16	1	16
LEIT-XRC-18	1	18
LEIT-XRC-20	1	20
LEIT-XRC-24	1	24
LEIT-XRC-28	1	28

PACKAGING DETAILS

Dimensions: W 19 x H 30.4(cm)
Weight: 2.2kg

LEIT Accessories



LEIT Link-Two-Way Remote Control Handsets



LEIT Controller Mounting Components

Order Details	Product Description	Order QTY
N/A	LEIT Multi Pro Hand Held Remote Control for up to 99 LEIT XRC Units	1
N/A	LEIT Master Hand Held Remote Control for 99 plus LEIT XRC Units	1
MTGS	440 LEIT 4000 Series Gal-Tube Mounting Column	1
VRC 4000	Vandal Resistant Cover for LEIT 4000 Series Powder Coated	1
MTGS-X	LEIT X Series Gal-Tube Mounting Column	1
VRC X	Vandal Resistant Cover for LEIT 4000 Series Powder Coated	1



Valve Actuators & Adaptors



Sensing & Switching components

Order Details	Product Description	Order QTY
S-305DC	Universal DC Solenoid 6 to 9 Volts (LEIT 2)	1
30-836	LEIT 2 Valve Box Mounting Dome with Screws (LILAC)	1
30-830	LEIT 2 Valve Box Mounting Dome with Screws (GREEN)	1
30-920	Solenoid Adaptor for Bermad 200, Hit 500 and Dorot	1
30-921	Solenoid Adaptor for Rainbird DV, DVF, PGA, PEB	1
30-922	Solenoid Adaptor for Hunter HPV, ICV, PGV, SRV	1
30-923	Solenoid Weathermatic Adaptor	1
30-924	Solenoid Adaptor for Irritrol/ Richdel 2400, 2500, Toro P220/ K-Rain	1
LEMA 1600	HE High Energy Micro Powered Actuator (Adaptor Required)	1
RKIT 8810S	Relay Interface Module for 24v AC/DC - 240v	1
SKIT-8821-4	Sensor Interface Module use with other Sensors Fitted	1

Note - For use with LEIT 4000 and LEIT-X Controllers.



Battery Operated Controllers

MODEL NAME: 710A/ 7X0A

STATIONS: 1 /2 /4 /6
PROGRAMS: 4

Battery operated controllers with two wire DC latching solenoid. Used for above ground or below grade installation on a wide range of valves.



SPECIFICATIONS

- Type: DC
- Body: IP68
- Power Source: two AA alkaline batteries.
- Power Input: Constant 11 Volt.
- Program mode: Seven keypad buttons with integrated liquid crystal display.
- Temperature range: 3° to 54° C.
- Latching Solenoid: 7 - 12 VDC, two-way, normally closed.
- Solenoid Control Orifice: - 1.65mm
- Wire Configurations: - up to six 18 inch red wires labeled for each valve, one black wire for master valve, two white wires for common and one looped yellow wire for sensor connections.

PRODUCT FEATURES

- Safe 60sec period to replace batteries without loosing settings
- Operates up to 6 stations, master valve and a sensor
- Four independent programs with five start times per each program.
- Watering flexibility with a selection of watering frequencies that include weekly, odd or even days of the month, and cyclical with five start times per day per program.
- Simple, icon based intuitive programming and Easy Flow™ navigation.
- SimpleStart™ historical ET feature for spray heads and drip irrigation that automatically adjusts irrigation schedules monthly.
- Can operate any number of valves at the same time with up to three groups on six stations.

Order Details	No. / Stn
710A-000	1
710A-100BSP	1
710AP-100BSP	1
720A-000	2
740A-000	4
760A-000	6



Digital Remote Control

The Holman Digital Remote Control is designed to retrofit to any major brand of irrigation controller.



Order Details | Order QTY
DRC001 | 1

CODE: DRC001
STATIONS: UP TO 12
VOLTS: 24

REMOTE CONTROL HAND PIECE

- 12 Buttons numbered 1 - 12
- Red LED light to indicate transmitting of wireless signals
- Powered by a single 12V 23A battery
- Non waterproof
- 100 metres line of sight
- Controls up to 12 stations

REMOTE CONTROL RECEIVER

- Position near the existing irrigation controller
- Plastic enclosure of the receiver is waterproof
- Powered by 24V AC taken from the existing controller
- Safe DIY Installation
- Remote Control Receiver is pre wired with cables that need to be connected to the irrigation controller field solenoid valve wiring as well as the 24V AC power delivered from the irrigation controllers power supply.

Add-A-Station PRO

These devices are designed to allow extra valves to be added to an existing system while using the wires in the ground.



Order Details | Order QTY
VH7001 | 1

MODEL NAME: Add-A-Station PRO
2 Stations - 1 Wire - 2 Valves

SPECIFICATIONS

- Product Dimensions W:110 H:195 L:25
- 24V
- Powered by a single 12V 23A battery
- Automatic Shut-off

PRODUCT FEATURES

- Power from a 2 station controller
- Valve can be transmitted into 2 valves without re wiring
- Use to add extra valves to a system to correct water pressure problems
- Use to work around faulty field wiring
- New station valve is fully independent
- Both valves connected to an Add-A-Station PRO are independently timed and activated from the controller for both manual and automatic operation.

Automatic Splitter

Split an existing station on the controller to run up to 3 extra valves.



Order Details | Order QTY
VH7324 | 1

MODEL NAME: Splitter Pro
1 Station - 1 Wire - 2 to 4 valves

SPECIFICATIONS

- Power requirements: Input - 24VAC, 50 or 60Hz
- Switching Capacity: 0.5Amps, 10VA
- Life Expectancy: 50 000 operations
- Packaging: Epoxy encapsulated suitable for direct burial

PRODUCT FEATURES

- Located at the existing valve and utilises existing field wiring
- LED's indicate status
- Automatically senses if a coil is connected
- Program the controller station for the total amount of run time required for all attached valves
- Operate up to 4 valves from a single pair of control cables on a single controller station

Add-A-Station TX

Solve issues with electronic fuses and poor AC output power. The Add-A-Station TX is a transmitter designed to overcome problems presented by irrigation controllers that have low set level electronic fuses or poor AC power output from the stations or zones of the controller.



Order Details | Order QTY
VH7011 | 1

USE WITH
ADD-A-STATION
PRO VH7001

MODEL NAME: Add-A-Station TX
2 Stations - 1 Wire - 2 Valves

SPECIFICATIONS

- Product Dimensions W:110 H:195 L:25
- 24V
- Powered by a single 12V 23A battery
- Automatic Shut-off

PRODUCT FEATURES

- Takes power directly from the transformer and switching this power to the field cables
- Separately fused to protect the stations connected from problems in the field wiring or coil short circuits.
- By-passes the electronic fuse in the controller for the two stations connected

Chatterbox

Location of electrical operated solenoid valves underground



Order Details	Order QTY
VH7200	1

PRODUCT FEATURES

- Quick clamp alligator clips make it easy to swap between stations
- Locates electrically operated solenoid valves in the ground
- Easy operation - Clamp onto the controller terminal block and run the station on manual operation

Valve locator

SPECIFICATIONS

Electrical Specifications

FIG 1: Locating a single station (valve). Eg: 4 Station

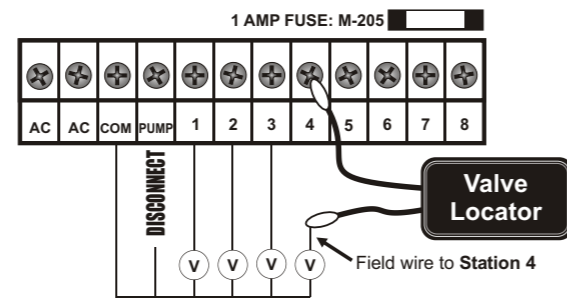
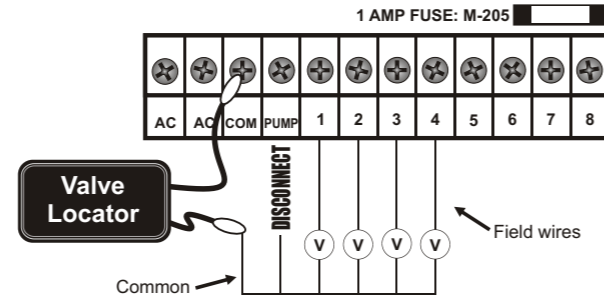


FIG 2: Locating all the stations (valves).



Solenoid Seeker

Locate underground cables and valves



Order Details	Order QTY
CSS001	1

MODEL NAME: Cable and Solenoid Seeker

PRODUCT FEATURES

- Locates underground garden lighting and irrigation cables
- Locates irrigation solenoid valves
- Locates breaks in underground cables
- Use to trace cables in walls and buildings
- Up to 600mm depth

INCLUDED IN KIT

- 1x Wire locator transmitter
- 1x Wire locator receiver
- 1x Set of earphones
- 1x 24v detection pen
- 1x Premium durable case

GEAR DRIVES & POP-UP SPRINKERS



POP UPS	20	GEAR DRIVES	25
ROTARY NOZZLES	21	ACCESSORIES	31
FIXED NOZZLES	23	RETAIL SPRINKLERS	32
ADJUSTABLE NOZZLES	24		

PRO-S™ Pop-up Sprinklers

Application: Residential/ Light Commercial

PRESSURE: 20 - 70 PSI (140 - 490 kPa)
INLET: 1/2" (15mm)



SPECIFICATIONS

- Inlet: 1/2" (15mm)
- Flow by: 0.8L/min
- Pressure Rating: 20 - 70 PSI (140 - 490 kPa)
- Overall Body Height:
 - 78002 - 4" (100mm)
 - 78003 - 4 7/8" (125mm)
 - 78004 - 6" (150mm)
 - 78006 - 9 3/8" (240mm)
 - 78012 - 16" (406mm)

PRODUCT FEATURES

- **Co-Molded Wiper Seal** - Ensures a leak free, full pop-up operation even under low-pressure situations. Cartridge design allows for easy removal and cleaning. Treated with UV inhibitors for long life. Seal is microbe resistant to reduce degradation and stick-ups.
- **Accepts Female Threaded Nozzles**
- **Ratcheting Riser** - Permits quick, easy alignment of spray pattern.
- **Heavy-Duty Retraction Spring** - Strongest spring in the industry for positive retraction in all soil conditions.
- **Side Inlet** - Standard on 12" model.
- **6" - Model available with or without side inlet.**
- **Pre-Installed Flush Cap**
- **Optional In-stem Check Valve** - Installs in the field, holds up to 3m of head pressure
- **Optional Pre-installed Nozzle Guard**
- **Fits in Rain Bird® 1800 Can**

Order Details	Box QTY
SK78002	50
SK78003	50
SK78004	50
SK78006	25
SK78012	12



Pro-S are available with lilac tops / RCW
To order add RCW to the corresponding code.

Rotary Nozzle Series

Application: Residential/ Light Commercial



MODELS

- KRN100 ADJ-90-270 Adjustable 90° - 270°
4 - 4.5m (Medium Green)
- KRN100 FIX 360 Fixed Pattern 360°
4 - 4.5m (Light Green)
- KRN200 ADJ-90-270 Adjustable 90° - 270°
4.8 - 5.8m (Medium Blue)
- KRN200 FIX 360 Fixed Pattern 360°
4.8 - 5.8m (Light Blue)
- KRN300 ADJ-90-270 Adjustable 90° - 270°
8 - 9m (Medium Grey)
- KRN300 FIX 360 Fixed Pattern 360°
8 - 9m (Light Grey)
- KRNS-RES-515 Right End Strip (Burnt Orange)
- KRNS-LES-515 Left End Strip (Olive)
- KRNS-SS-530 Side Strip (Brown)

The 90° - 270° adjustable arc will fulfill 80% - 90% of all arc adjustments usually required. The full 360° and specialty models complete the variety of pattern options.

PRODUCT FEATURES

- **Durable Design** - Molded with high-impact engineered resin and other high quality plastics for long life.
- **Superior Uniformity** - Multi-stream technology provides outstanding coverage eliminating brown spots.
- **Matched Precipitation** - Low precipitation rate is proportionate even after arc and radius adjustment.
- **Water-smart Technology** - Reduce water usage up to 30% without sacrificing turf quality.
- **Double Pop-up Design** - Delivers additional protection from dirt/ particulate intrusion and harsh conditions.
- **Simple to Adjust** - Easiest adjustment in the industry.
- **Color-Coded** - Easily identify 6 standard nozzles and 3 specialty nozzles in the field.

RN100-ADJ-90-270 (Medium Green)

ORDER DETAILS	ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
		PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
RN100-ADJ-90-270	90°	30	207	2.07	13'	3.96	0.22	0.83	0.50	0.58	12.70	14.73
		35	241	2.41	14'	4.27	0.24	0.91	0.46	0.53	11.68	13.46
		40	276	2.76	14'	4.27	0.25	0.94	0.49	0.57	12.44	14.48
		45	310	3.10	15'	4.57	0.29	1.10	0.49	0.57	12.44	14.48
		50	345	3.45	15'	4.57	0.30	1.13	0.51	0.59	12.95	14.98
	180°	30	207	2.07	13'	3.96	0.44	1.66	0.50	0.58	12.70	14.73
		35	241	2.41	14'	4.27	0.47	1.78	0.46	0.53	11.68	13.46
		40	276	2.76	14'	4.27	0.50	1.89	0.49	0.57	12.44	14.48
		45	310	3.10	15'	4.57	0.58	2.19	0.49	0.57	12.44	14.48
		50	345	3.45	15'	4.57	0.60	2.27	0.51	0.59	12.95	14.98
	270°	30	207	2.07	13'	3.96	0.66	2.50	0.50	0.58	12.70	14.73
		35	241	2.41	14'	4.27	0.71	2.69	0.46	0.53	11.68	13.46
		40	276	2.76	14'	4.27	0.75	2.84	0.49	0.57	12.44	14.48
		45	310	3.10	15'	4.57	0.86	3.25	0.49	0.57	12.44	14.48
		50	345	3.45	15'	4.57	0.90	3.40	0.51	0.59	12.95	14.98

RN100-FIX360 (Light Green)

ORDER DETAILS	ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP mm/hr	
		PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	▲
RN100-FIX360	360°	30	207	2.07	13'	3.96	0.88	3.33	0.50	0.58	12.70	14.73
		35	241	2.41	14'	4.27	0.94	3.56	0.46	0.53	11.68	13.46
		40	276	2.76	14'	4.27	1.00	3.78	0.49	0.57	12.44	14.48
		45	310	3.10	15'	4.57	1.15	4.35	0.49	0.57	12.44	14.48
		50	345	3.45	15'	4.57	1.20	4.54	0.51	0.59	12.95	14.98

RN200-ADJ-90-270 (Medium Blue)

Table with columns: ORDER DETAILS, ARC, PRESSURE (PSI, kPa, Bars), RADIUS (Ft., M.), FLOW RATE (GPM, L/M), PRECIP in/hr, PRECIP mm/hr. Rows include pressure levels (30-50 PSI) and arc angles (90, 180, 270 degrees).

RN200-FIX360 (Light Blue)

Table with columns: ORDER DETAILS, ARC, PRESSURE (PSI, kPa, Bars), RADIUS (Ft., M.), FLOW RATE (GPM, L/M), PRECIP in/hr, PRECIP mm/hr. Rows include pressure levels (30-50 PSI) for a 360-degree arc.

RN300-ADJ-90-270 (Medium Grey)

Table with columns: ORDER DETAILS, ARC, PRESSURE (PSI, kPa, Bars), RADIUS (Ft., M.), FLOW RATE (GPM, L/M), PRECIP in/hr, PRECIP mm/hr. Rows include pressure levels (30-50 PSI) and arc angles (90, 180, 270 degrees).

RN300-FIX360 (Light Grey)

Table with columns: ORDER DETAILS, ARC, PRESSURE (PSI, kPa, Bars), RADIUS (Ft., M.), FLOW RATE (GPM, L/M), PRECIP in/hr, PRECIP mm/hr. Rows include pressure levels (30-50 PSI) for a 360-degree arc.

SPECIAL PATTERNS

Table with columns: ORDER DETAILS, PATTERN, NOZZLE, PRESSURE (PSI, kPa, Bars), WIDTH X LENGTH (Feet, Meters), FLOW RATE (GPM, L/M). Rows include Right End Strip, Left End Strip, and Side Strip patterns.

Fixed Nozzles

Application: Residential/ Light Commercial



MODELS

- FN-8 - 8' 2.5m Female Nozzle (Green)
FN-10 - 10' 3m Female Nozzle (Blue)
FN-12 - 12' 3.7m Female Nozzle (Brown)
FN-15 - 15' 4.5m Female Nozzle (Black)

Large table with columns: ORDER DETAILS, NOZZLE/PATTERN, PRESSURE (PSI, kPa, Bars), RADIUS (Ft., M.), FLOW RATE (GPM, L/M), PRECIP in/hr, PRECIP mm/hr. Rows list various nozzle models (SKFN8F through SKFN15Q) with their specific performance metrics.

Fixed nozzle pack quantity 25

ARC KVF Adjustable Nozzles

Application: Residential/ Light Commercial



MODELS

- KVF8 2.5m Female Nozzle (Green)
- KVF10 3m Female Nozzle (Blue)
- KVF12 3.7m Female Nozzle (Brown)
- KVF15 4.5m Female Nozzle (Black)
- KVF17 5m Female Nozzle (Grey)

ORDER DETAILS	ARC	PRESSURE			RADIUS		FLOW RATE		PRECIP in/hr		PRECIP	
		PSI	kPa	Bars	Ft.	M.	GPM	L/M	■	▲	■	■
KVF8	90°	30	276	2.76	8'	2.4	0.31	1.17	1.87	2.15	47	55
	180°	30	276	2.76	8'	2.4	0.62	2.34	1.87	2.15	47	55
	270°	30	276	2.76	9'	2.7	0.93	3.52	1.87	2.15	47	55
	360°	30	276	2.76	10'	3.0	1.24	4.69	1.87	2.15	47	55
KVF10	90°	30	276	2.76	10'	3.0	0.52	2.00	2.00	2.31	51	59
	180°	30	276	2.76	11'	3.4	1.04	3.93	2.00	2.31	51	59
	270°	30	276	2.76	11'	3.4	1.56	5.90	2.00	2.31	51	59
	360°	30	276	2.76	11'	3.4	2.08	7.87	2.00	2.31	51	59
KVF12	90°	30	276	2.76	12'	3.7	0.60	2.27	1.61	1.85	41	47
	180°	30	276	2.76	12'	3.7	1.20	4.54	1.61	1.85	41	47
	270°	30	276	2.76	12'	3.7	1.80	6.81	1.61	1.85	41	47
	360°	30	276	2.76	12'	3.7	2.40	9.08	2.00	1.61	1.85	47
KVF15	90°	30	276	2.76	17'	5.2	0.88	3.33	1.50	1.73	38	44
	180°	30	276	2.76	15'	4.6	1.75	6.62	1.50	1.73	38	44
	270°	30	276	2.76	15'	4.6	2.63	9.96	1.50	1.73	38	44
	360°	30	276	2.76	15'	4.6	3.50	13.25	1.50	1.73	38	44
KVF17	90°	30	276	2.76	18'	5.5	1.10	4.16	1.47	1.69	37	43
	180°	30	276	2.76	17'	5.2	2.20	8.32	1.47	1.69	37	43
	270°	30	276	2.76	16'	4.9	3.30	12.49	1.47	1.69	37	43
	360°	30	276	2.76	16'	4.9	4.40	16.66	1.47	1.69	37	43

Fixed nozzle pack quantity 25



MINIPRO™

Application: Residential/ Light Commercial

RADIUS: 5.5 - 11m
FLOW: 3 - 12.5 L/min
INLET: 1/2" (15mm)



SPECIFICATIONS

- Inlet: 1/2" (15mm)
- Arc Adjustment Range: 40° - 360°
- Flow Range: 0.8 - 3.3 GPM
- Pressure Rating: 20 - 70 PSI (140 - 490 kPa)
- Precipitation Rate: 6.5 - 15mm Per Hour (depending on spacing and nozzle used)
- Overall Height (popped down): 6" (152mm)
- Recommended Spacing: 5 - 10m
- Radius: 5.5 - 11m
- Nozzle Trajectory: 26°
- Riser Height: 4" (100mm)

PRODUCT FEATURES

- **Revolutionary Patented Top Arc Set** - Simplified arc set allows for wet or dry adjustments in seconds.
- **1/2" Inlet** - Replaces all standard mini gear drives and pop-up sprinklers.
- **Adjustable to 360°** - Provides a full range of adjustment from 40° to 360°.
- **Patented Top Arc Set Degree Markings** - Clearly indicates the current watering pattern and simplifies arc set adjustment.
- **Time Proven Patented Reversing Mechanism** - Assures continuous reverse and return.
- **Ratcheting Riser** - Allows for easy adjustment of your left starting position with a simple turn of the riser.
- **Rubber Cover** - Seals out dirt and increases product durability.
- **Wide Selection of Nozzles** - Provides flexibility in system design.
- **Optional Check Valve** - Prevents low head drainage.
- **Five Year Limited Warranty.**

Order Details	Box QTY
SK13003	25

EASY ARC SETTING

Arc Selection 40° to 360°
Adjust From Left Start



MiniPro are available with lilac tops / RCW.
To order add RCW to the corresponding code.

SUPERPRO™

Application: Residential/ Light Commercial

RADIUS: 8 - 15m
FLOW: 19- 36 L/min
INLET: 3/4" (20mm)



SPECIFICATIONS

- Inlet: 3/4" (20mm)
- Arc Adjustment Range: 40° - 360°
- Flow Range: 19 - 36 L/min
- Pressure Rating: 20 - 70 PSI (140 - 490 kPa)
- Precipitation Rate: 3.5 - 37.5mm Per Hour (depending on spacing and nozzle used)
- Overall Height (popped down): 7 1/2" (190mm)
- Recommended Spacing: 8.5 - 13.5m
- Radius: 8 - 15m
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 12°
- Standard and Low Angle Nozzles Included
- Riser Height: 5" (13mm)

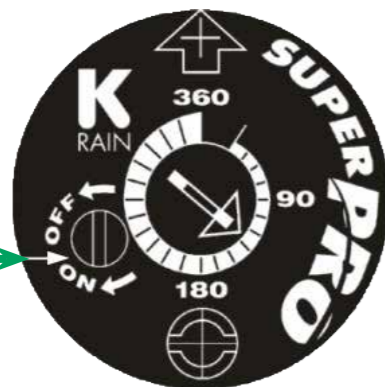
PRODUCT FEATURES

- Revolutionary Patented Top Arc Set - Simplified arc set allows for wet or dry adjustments in seconds.
- 2 N 1 Adjustable or Continuous Rotation- Provides a full range of adjustment from 40° to continuous 360°.
- Patented Arc Set Degree Markings - Clearly indicates the current watering pattern and simplifies arc set adjustment.
- Time Proven Patented Reversing Mechanism - Assures continuous reverse and return.
- Ratcheting Riser - Allows for easy adjustment of your left starting position with a simple turn of the riser.
- Rubber Cover - Seals out dirt and increases product durability.
- Optional Check Valve - Prevents low head drainage.
- Rugged Stainless Steel Spring - 0.093 gauge 302 stainless steel spring extends the life of the gear drive.
- Intelligent Flow Technology - Reduce distance and flow simultaneously and proportionately - improve distribution uniformity and save water.

Order Details	Box QTY
SK10003	25

EASY ARC SETTING

Arc Selection 40° to 360°
Adjust From Left Start



SuperPro are available with lilac tops / RCW.
To order add RCW to the corresponding code.

RPS® 75i

Application: Residential/ Light Commercial

RADIUS: 4 - 14.5m
FLOW: 1.5 - 37 L/min
INLET: 3/4" (20mm)



SPECIFICATIONS

- Inlet: 3/4" (20mm)
- Arc Adjustment Range: 40° - continuous 360°
- Flow Range: 1.5 - 37 L/min
- Pressure Rating: 30 - 70 PSI (200 - 490 kPa)
- Precipitation Rate: 11 - 43mm in./hr.
- Overall Height (popped down): 7 3/8" (187mm)
- Recommended Spacing: 5 - 14m
- Radius: 4 - 14.5m
- Nozzle Trajectory: 8 Standard, 4 Low Angle
- Riser Height: 4" (100mm)

PRODUCT FEATURES

- Reduce Distance and Flow Rate Proportionately
- Save Time on Every Project - New or retrofit
- Rugged RPS Family Construction
- Conserves Water
- Superior Uniformity
- Fewer Zones Required
- Improved Hydraulics
- Intelligent Flow Technology - Reduce distance and flow simultaneously and proportionately - improve distribution uniformity and save water

Order Details	Box QTY
Plastic 61003	20
S/Steel 61003-SS	20

EASY ARC SETTING

Arc Selection 40° to 360°
Adjust From Right Start



RPS75i are available with lilac tops / RCW.
To order add RCW to the corresponding code.



RPS® SELECT

Application: Residential/ Light Commercial

RADIUS: 10 - 14m
FLOW: 5 - 26 L/min
INLET: 3/4" (20mm)



SPECIFICATIONS

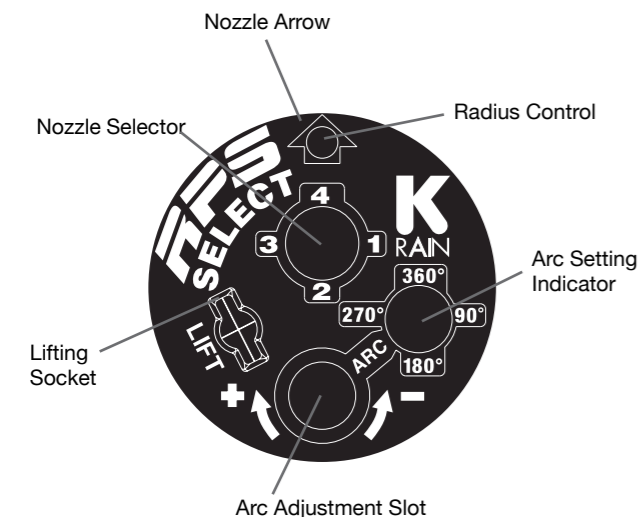
- Inlet: 3/4" (20mm)
- Arc Adjustment Range: 40° - 360°
- Flow Range: 5 - 26 L/min
- Pressure Rating: 30 - 70 PSI (200 - 490 kPa)
- Precipitation Rate: 5.8 - 18mm Per Hour (depending on spacing and nozzle used)
- Overall Height (popped down): 7 7/8" (187mm)
- Recommended Spacing: 9.5 - 13.4m
- Radius: 10 - 14m

PRODUCT FEATURES

- **Four Built-in Selectable Nozzles** - Match different arc settings; nozzles #1 through #4 match arc settings 90° through 360°.
- **Adjustable Arc (40 - 360); All Adjustments Made From the Top** - Adjust wet or dry, no special tools needed.
- **Matched Precipitation Rates** - When nozzle setting matched to arc.
- **Precision-Engineered Nozzles** - Ensures water-saving efficiency.
- **Standard Rubber Cover**
- **Proven Water-lubricated Gear-drive Design** - Common to the popular RPS® 75 Series.
- **Riser Assembly Interchanges with Hunter® PGP® Gear Drives**
- **Lower-Pressure Operation**



Order Details	Box QTY
SK60003	20



RPS Select are available with lilac tops / RCW. To order add RCW to the corresponding code.

PROSPORT™

Application: Sports Turf

RADIUS: 14 - 23.5m
FLOW: 19.5 - 123 L/min
INLET: 1" (25mm)



SPECIFICATIONS

- Inlet: 1" (25mm)
- Arc Adjustment Range: 40° - continuous 360°
- Flow Range: 19.5 - 123 L/min
- Pressure Rating: 40 - 90 PSI (275 - 620 kPa)
- Precipitation Rate: 12 - 34mm in./hr. (depending on spacing and nozzle used)
- Overall Height (popped down): 9 1/2" (240mm)
- Recommended Spacing: 12 - 20m
- Radius: 14 - 23.5m
- Nozzle Trajectory: 26°
- Riser Height: 4" (100mm)

PRODUCT FEATURES

- **Revolutionary Patented Top Arc Set** - Simplified arc set allows for wet or dry adjustments in seconds.
- **Triple Nozzle Configuration** - Ensures even distribution of water.
- **2N1 Adjustable or Continuous Rotation** - Provides a full range of adjustment from 40° to continuous 360°.
- **Set Degree Markings** - Clearly indicates the current watering pattern and simplifies arc set adjustment.
- **Time Proven Patented Reversing Mechanism** - Assures continuous reverse and return.
- **Arc Memory Clutch** - Prevents internal gear damage and returns gear drive to its prior setting automatically if nozzle turret is forced past stop.
- **Heavy Duty Rubber Cover and Mud Guard** - Protects against physical injury and reduces liability, allows sprinkler to be installed below grade.
- **Factory Installed Check Valve** - Prevents low head drainage

Order Details	Box QTY
Plastic SK14003	12
S/Steel SK14003-SS	12

EASY ARC SETTING

Arc Selection 40° to 360°
Adjust From Left Start



ProSport are available with lilac tops / RCW. To order add RCW to the corresponding code.

High Speed model available for purchase upon request.

Sprinkler Accessories

Order Details	Product Description	Order QTY
SK59995	K-Key	1
SK52775	MiniPro Nozzle Rack	1
P16001110	RPS75i SuperPro Nozzle Rack	1
SK51399	ProPlus Nozzle Rack	1
SK51700	Low Angle Nozzle Rack	1
SK513995	MiniPro Check Valve	1
P16009116	RPS75i Check Valve	1
SK51210	SuperPro Check Valve	1
SK53425	ProSport Check Valve	1
SK51112	SuperPro Replacement Filter Basket	1
SK54065	Riser Retainer Clip	1
SKP53428	Check Valve Pro S	1
Small: SH2800	Ezy Guard Sprinkler Surround	20
Large: SH2810	Ezy Guard Sprinkler Surround	10
HA1400	Surround Sprinkler Cutter 70mm	5
HA1475	Surround Sprinkler Cutter 75mm	6
HA1410	Surround Sprinkler Cutter 100mm	6
SK78000	Rotary Nozzle Guard	1
SK55519	ProSport Nozzle Replacements	1
RN-ADJ-TOOL	Rotary Nozzle Adjustment Tool	1
P1000902	SuperPro, RPS Select Adjustment Key	1
P1000901	RPS 75, RPS75i Adjustment Key	1



All Popup and Gear Drive Sprinklers are available with lilac tops / RCW. To order add RCW to the corresponding code.

Pro Shrub Adaptors

Designed to fit a standard 15mm (1/2" BSP) Riser and accepts compatible pop up nozzles. Ideal for garden beds and shrubs which require heavier watering than a normal micro spray system.

TORO FEMALE THREADED



Details	Box QTY
SH1500	20

RAINBIRD MALE THREADED (Hex Body)



Details	Box QTY
SH1600H	20

Poly Risers & Adaptors

POLY RISER (M&M)



Details	Order QTY
PR1525	20
PR15100	10
PR15200	10
PR15300	10
PR15450	10
PR15600	10

POLY COUPLINGS



Details	Order QTY
MBC12F	20
MBC34F	20
MBC1F	20

POLY ELBOWS (MxF)



Details	Order QTY
MBE12MF	20
MBE34MF	20
MBE1MF	20

POLY MxF ADAPTOR



Details	Order QTY
PR1515MF	10

15MM RIGID RISER (M&M)



Details	Order QTY
PR15150C	10

15MM FLEXIBLE RISER (M&M)



Details	Order QTY
PR15150CF	10

15MM RISER CAP



Details	Order QTY
MBC15	20

Accessories

RISER REMOVAL TOOL



Details	Order QTY
PRT15	1
PRT20	1

SPRINKLER SURROUND



Details	Order QTY
SH2800	20
SH2810	10

M&F SPRINKLER EXTENSION RISER



Details	Order QTY
SH2705	40

Impact Sprinkler Head

Tough and robust impact sprinkler built for harsh environments. Screw into a sprinkler base or riser tube. The O-ring seal eliminates teflon tape. 12m spray radius with the ability to adjust the spray pattern and the spray distance.

PSI	LPM	RADIUS
20	11.2	8.3
40	14.25	10.1
60	16.76	12.1
80	20.5	13.3

IMPACT PLASTIC - 15mm



Order Details	Box QTY
SH3100C	20

IMPACT METAL - 15mm



Order Details	Box QTY
SH3110C	10



IRRIGATION VALVES



ProSeries 100 Valve

Application: Residential/ Light Commercial/ Dirty Water

WATERMARK APPROVED MASTER VALVE

PRESSURE: 20 - 150 PSI (140 - 1700 kPa)
FLOW: 1 - 132.5 L/min

SPECIFICATIONS

Operating Specifications

- Pressure Rating: 20 - 250 PSI (140 - 1700 kPa)
- Flow Range: 1 - 132.5 L/min

PROSERIES 100 1" VALVE

Flow Rate - LPM	19	38	57	76	114
PSI Loss	2.2	3.0	3.5	4.0	5.0

Pressure range: 20 - 150 PSI (140 - 1700 kPa)



Order Details

VK7001

Box QTY

12



This reliable valve offers a straight-through flow pattern that reduces the risk of trapped debris that causes other brands to fail. It has both an internal bleed and external bleed screw in addition to optional flow control. The inside diameter (ID) is 1" slip glue or NPT/BSP. The outside diameter (OD) is 1 1/4" slip for added installation flexibility.

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 VAC 60 Cycle
- Inrush Current: .43 Amps
- Holding Current: .25 Amps

DIMENSIONS

- Height: 100mm
- Width: 76mm
- Length: 133mm

FLOW THROUGH

Unique tilted diaphragm creates a better flow path by decreasing friction loss and increasing flow rate

SELF CLEANING SCREEN

The straight flow path allows debris to move through and the turbulent water flow cleans the diaphragm filter screen.

CAPTURED PLUNGER SOLENOID

K-Rain's solenoid with captured plunger allows for easy removal when servicing without losing internal parts. Epoxy design ensures longevity.

PRODUCT FEATURES

- Watermark Approved Master Valve.
- Heavy Duty, Corrosion and UV Resistant PVC Construction - Increases the life of the valve.
- Combination 1" and 1 1/4" - Allows for a straight flow path of water, increasing pipe size to the valve, increasing flow rate.
- Tilt Diaphragm/ Piston Assembly - Allows for a straight flow path of water, increasing the flow rate while reducing friction loss.
- Debris Tolerant Design - Offers flexibility for use in potable or dirty water applications.
- Manual Internal Bleed Through Solenoid - Permits manual operation without discharging water outside valve.
- Flow Control With Removable Handle - Delivers precise flow adjustment to the zone and allows you to remove the handle to prevent tampering.
- Captured Plunger - Remove the solenoid without losing the internal plunger.

PRO SERIES 100 VALVE	35
PRO SERIES 150 VALVE	36
MANIFOLDS	39
4000 SERIES INDEXING VALVE	40
6000 SERIES INDEXING VALVE	41
ACCESSORIES	42

ProSeries 150 Valve

Application: Residential/ Light Commercial/ Dirty Water

PRESSURE: 10 - 150 PSI (69 - 1040 kPa)
FLOW: 1 - 113.5 L/min



SPECIFICATIONS

Operating Specifications

- Pressure Rating: 10 - 150 PSI (69 - 1040 kPa)
- Flow Range: 1 - 113.5 L/min

7101-FC PROSERIES 150 1" VALVE

Flow Rate - LPM	19	38	57	76	114
PSI Loss	6	4.1	4.1	3.1	6.0

Pressure range: 10 - 150 PSI (69 - 1040 kPa)

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 VAC 60 HZ
- Inrush Current: .43 Amps
- Holding Current: .25 Amps

PRODUCT FEATURES

- Heavy Duty, Corrosion and UV Resistant PVC Construction - Increases the life of the valve.
- External Bleed Screw with Removable Metering Pin - Allows for easy cleaning of the metering pin without disassembling the valve.
- Manual External Bleed Screw - Provides for manual operation in system start up.
- Capture Plunger - Allows for the solenoid to be removed without losing the internal plunger.
- Manual Internal Bleed Through Solenoid - Permits manual operation without discharging water outside valve.

Order Details Box QTY

VK7101FC 12

The ProSeries 150 Valves offer the irrigation professional a wide array of features and benefits.

The 1" valve has a removable metering pin and external bleed screw promoting easy maintenance and manual operation.

DIMENSIONS

- Height: 150mm
- Width: 80mm
- Length: 127mm

ProSeries 150 Valve

Application: Residential/ Light Commercial/ Dirty Water

PRESSURE: 10 - 150 PSI (69 - 1040 kPa)
FLOW: 1 - 113.5 L/min



SPECIFICATIONS

Operating Specifications

- Pressure Rating: 10 - 150 PSI (69 - 1040 kPa)
- Flow Range: 1 - 113.5 L/min

7101-FC PROSERIES 150 1" VALVE

Flow Rate - LPM	19	38	57	76	114
PSI Loss	3.3	3.9	2.9	3.2	6.1

Pressure range: 10 - 150 PSI (69 - 1040 kPa)

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 VAC 60 Cycle
- Inrush Current: .43 Amps
- Holding Current: .25 Amps

PRODUCT FEATURES

- Heavy Duty, Corrosion and UV Resistant PVC Construction - Increases the life of the valve.
- Threaded Jar-Top - Allows for quick removal of the cap for easy servicing.
- Manual External Bleed Screw - Provides for manual operation in system start up.
- Capture Plunger - Allows for the solenoid to be removed without losing the internal plunger.
- Manual Internal Bleed Through Solenoid - Permits manual operation without discharging water outside valve.
- Glass-Filled Nylon Screw Cap - Increased durability.

Order Details Box QTY

VK7101J 12

The ProSeries 150 Valve with Jar-Top provides the professional contractor easy servicing access without removing the valve from the system.

DIMENSIONS

- Height: 150mm
- Width: 76mm
- Length: 111mm



ProSeries 150 Valve

Application: Residential/ Light Commercial/ Dirty Water

PRESSURE: 20 - 150 PSI (140 - 1040 kPa)
FLOW: 76 - 455 L/min



SPECIFICATIONS

Operating Specifications

- Pressure Rating: 20 - 150 PSI (69 - 1040 kPa)
- Flow Range: 76 - 455 L/min

PROSERIES 150 1-1/2" VALVE

Flow Rate - LPM 76 114 152 190 227 303

PSI Loss - Globe 3.0 2.6 2.3 2.9 4.1 5.5

PSI loss - Angle 2.7 2.2 1.9 2.2 3.0 4.4

PROSERIES 150 2" VALVE

Flow Rate - LPM 76 114 152 190 227 303 379 454

PSI Loss - Globe 2.2 1.9 1.7 1.5 1.6 2.9 4.8 6.2

PSI loss - Angle 1.9 1.9 1.7 1.5 1.5 2.1 3.2 4.6

PRODUCT FEATURES

- Heavy Duty, Corrosion and UV Resistant PVC Construction - Increases the life of the valve.
- External Bleed Screw with Removable Metering Pin - Allows for easy cleaning of the metering pin without disassembling the valve.
- Manual External Bleed Screw - Provides for manual operation in system start up.
- Capture Plunger - Allows for the solenoid to be removed without losing the internal plunger.
- Manual Internal Bleed Through Solenoid - Permits manual operation without discharging water outside valve.
- Removable Inlet Cap - Allows for easy conversion from globe to angle-style valve.
- Flow Control - Allows for precise flow adjustment.
- Heavy Duty Santoprene® Diaphragm - Unique design improves durability of diaphragm.

Order Details	Box QTY
VK7115	6
VK7102	4

The 1-1/2" and 2" models feature a removable inlet cap to easily modify the configuration from globe to angle style.

They also have a removable metering pin and external bleed screw promoting easy maintenance and manual operation.

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 VAC 60 Cycle
- Inrush Current: .43 Amps
- Holding Current: .25 Amps

DIMENSIONS

VK7115 BSP	VK7102 BSP
■ Height: 203mm	■ Height: 226mm
■ Width: 108mm	■ Width: 124mm
■ Length: 140mm	■ Length: 161mm

Manifolds and Accessories

- Made from PVC material • Rated to 10 bar • No thread seal or pipe dope required
- All socketed ends come with captured O-Rings and swivel adaptors for ease of installation.



25MM 2 WAY MANIFOLD

Order Details	Box QTY
VMR12	220



25MM 3 WAY MANIFOLD

Order Details	Box QTY
VMR13	220



25MM 4 WAY MANIFOLD

Order Details	Box QTY
VMR14	220



25MM TEE FxFxM

Order Details	Box QTY
VMR11	220



25MM ELBOW MxF

Order Details	Box QTY
VMREM1	220



25MM O-RING NIPPLE

Order Details	Box QTY
VMRN1	110



25MM O-RING CAP

Order Details	Box QTY
VMRC1	110

CAPTURED
O-RINGS
& SWIVEL
ADAPTORS

4000 Series Indexing Valve

Application: Residential/ Light Commercial/ Dirty Water



4 OUTLET VALVE

Order Details	Box QTY
VK4400	1
VK4402	1
VK4403	1
VK4404	1

6 OUTLET VALVE

Order Details	Box QTY
VK4600	1
VK4602	1
VK4603	1
VK4604	1
VK4605	1
VK4606	1

CAMS 4000 SERIES

Order Details	Box QTY
VKC2	1
VKC3-4	1
VKC4-4	1
VKC3	1
VKC4	1
VKC5	1
VKC6	1

SPARE PARTS

Order Details	Description	Box QTY
SKP6000412	Cam O'Ring	1
SKP7005509	Lite Stem/Disk	1
SKP7005511	Heavy Stem/Disk	1

SPECIFICATIONS

- Constructed of High Strength, Non-Corrosive ABS Polymer
- 4000 Series Valves are available with 1" inlet and outlet by custom order

Operating Specifications

- Pressure Rating: 25 - 75 PSI (170 - 520 kPa)
- Flow Range: 4 Outlet Valve: 37.9 - 151.5 L/min
6 Outlet Valve: 37.9 - 151.5 L/min
- Pressure Loss:

4 OUTLET VALVE

Flow Rate - LPM	37.9	75.7	114	151.5
PSI Loss	2.0	3.0	4.5	6.4

6 OUTLET VALVE

Flow Rate - LPM	37.9	75.7	114
PSI Loss	2.5	4.5	7.5

PRODUCT FEATURES

- ABS Polymer Construction - High - Strength, non - corrosive body for long product life.
- Available in 4 and 6 outlet Models - Can quickly and easily change from two to six watering zones.
- Simplicity of Design - Valves are easily maintained and serviced for long product life.
- Operates at Low 37.9 L/min at Pressure of 170 - 520 kPa - Reliably automates multiple zoned residential and small commercial irrigation or wastewater systems.

DIMENSIONS

- Height: 146mm
- Width: 146mm

4000 Series Valves are available in lilac/ RCW To order add RCW to the corresponding code.

6000 Series Indexing Valve

Application: Industrial



4 OUTLET VALVE

Order Details	Box QTY
VK6402	1
VK6403	1
VK6404	1

6 OUTLET VALVE

Order Details	Box QTY
VK6605	1
VK6606	1

CAMS 6000 SERIES

Order Details	Box QTY
VKC2-6	1
VKC3-6	1
VKC4-6	1
VKC5-6	1
VKC6-6	1

SPARE PARTS

Order Details	Description	Box QTY
SKP8600000	Body Seal	1
SKP8003000	Rubber Flap Disk	1
SKP8003051	Light Stem & Disk	1

SPECIFICATIONS

- Construction: Valve Top/Housing: Die Cast Metal Valve Outlets: High Strength ABS Polymer
- Inlet: Threaded 1½" (38mm) NPT Connection
- Outlets: Slip and Glue Connections to 1½" (38mm) PVC Pipe

Operating Specifications

- Pressure Rating: 25 - 150 PSI (170 - 1040 kPa)
- Flow Range: 57 - 568 L/min
- Pressure Loss:

4 OUTLET VALVE

Flow Rate - LPM	76	151.5	227	303	379
PSI Loss - Globe	2.5	3.5	5.0	7.5	10.0

6 OUTLET VALVE

Flow Rate - LPM	76	151.5	227	303	379
PSI Loss - Globe	3.0	4.0	6.0	9.0	11.0

PRODUCT FEATURES

- Metal Die-Cast Body - Durable, long lasting and capable of high pressure applications.
- Available in 4 and 6 outlet Models - Can quickly and easily change from two to six watering zones.
- Simplicity of Design - Valves are easily maintained and serviced for long product life.
- Operates at 57 L/min at Pressures of 170 - 1040 kPa - Ideal for pump-fed systems or high-flow city water systems.
- Built-in Atmospheric Vacuum Breaker - Releases any vacuum created between the pump and the valve on shut down.

DIMENSIONS

- Height: 178mm
- Width: 203mm

6000 Series Valves are available in lilac/ RCW To order add RCW to the corresponding code.

Irrigation Marker Flags

Order Details	Description	QTY
4518PG	Pink Glo Marker Flag - Pkt 100	1
4518YG	Yellow Glo Marker Flag - Pkt 100	1
4518BG	Blue Glo Marker Flag - Pkt 100	1
4518RG	Red Glo Marker Flag - Pkt 100	1
4518OG	Orange Glo Marker Flag - Pkt 100	1
4518W	White Glo Marker Flag - Pkt 100	1
4518PP	Purple Glo Marker Flag - Pkt 100	1
4518C	Custom Glo Marker Flag - Pkt 1000	1

Irrigation Accessories

Order Details	Description	QTY
GS09	230mm (9") PVC/ ABS Hand Saw	1
RS32	800mm (32") Wire Rope Saw with Handles	1
R125	Kwikcut Ratchet Cutter to 42mm (1 1/2")	1
BR125	Replacement Blade for R125 Cutter	1
SL100-O-SS	Pipe Cutter with S/S Blade to 32mm O.D	1
SL135-O-SS	Pipe Cutter with S/S Blade to 42mm O.D	1
SL200 SS	Pipe Cutter with S/S Blade to 48mm O.D	1
BT100SS	S/Steel Replacement Blade T100 & SL100	1
BT135SS	S/Steel Replacement Blade T135 & SL135	1
BT200SS	S/Steel Replacement Blade T135 & SL135	1
T1512	Wire Stripper	1



RS32



R125



SL135-O-SS



BT100SS



T1512

Heat Shrink Products: Caps & Tubing

Order Details	Description	Order QTY
Cap 48	4.8mm Heat Shrink Cap Pack 100	100
Cap 64	6.4mm Heat Shrink Cap Pack 100	100
Cap 95	9.5mm Heat Shrink Cap Pack 50	50
Cap 125	12.5mm Heat Shrink Cap Pack 25	25
Cap 14-6	14mm to 6mm/ 65mm Long Pack 10	10
Cap 22-7	22mm to 7mm/ 50mm Long Pack 10	10
ES 2000 - 1	Dual Wall Tubing Adhesive Lined 5.7mm ID x 1.2M	1
ES 2000 - 2	Dual Wall Tubing Adhesive Lined 7.4mm ID x 1.2M	1
ES 2000 - 3	Dual Wall Tubing Adhesive Lined 10.8mm ID x 1.2M	1
ES 2000 - 4	Dual Wall Tubing Adhesive Lined 17.8mm ID x 1.2M	1
MWTM 10/3	Medium Wall Tubing 10 to 3mm x 1.2M length	1
MWTM 16/5	Medium Wall Tubing 16 to 5mm x 1.2M length	1
MWTM 25/8	Medium Wall Tubing 25 to 8mm x 1.2M length	1
MWTM 35/12	Medium Wall Tubing 35 to 12mm x 1.2M length	1
MJ-300	Micro Jet Gas Torch	1
PT200	Standard Pro Torch	1
PT500	High Output Pro Torch	1

FLEX TUBE, POLY PIPE & MICRO FITTINGS



Accessories



FLEXTUBE & POLY PIPE	44
HOLMAN MICRO FITTINGS	44
ANTELCO MICRO FITTINGS	46

Flex Tube & Poly Pipe

4 MM - FLEX TUBE



Details	Order QTY
PFH410	10
PFH425	10
PFH450	10

13MM - POLY PIPE



Details	Order QTY
PPH1325	5
PPH1350	5
PPH13300	1
PPH13100	1

19MM - POLY PIPE



Details	Order QTY
PPH1925	5
PPH1950	5
PPH19100	1
PPH19200	1

25MM - POLY PIPE



Details	Order QTY
PPH2525	1
PPH2550	1
PPH25100	1
PPH25200	1

THREADED TEES MALE



Details	Order QTY
HMBT13121M	25
HMBT1912M	25
HMBT1934M	25
HMBT2512M	25
HMBT2534M	25
HMBT251M	25

RATCHET CLIPS



Details	Order QTY
HMBR13	100
HMBR19	100
HMBR25	100

BARB ELBOWS



Details	Order QTY
HMBE4	25
HMBE13	25
HMBE19	25
HMBE25	25

THREADED ELBOWS FEMALE



Details	Order QTY
HMBE1312F	25
HMBE1912F	25
HMBE2512F	25

Holman Micro Fittings

COMBINATION PUNCH



Details	Order QTY
HMBP	25
HMBP4	25

13MM - SADDLES



Details	Order QTY
HMBS4N	25
HMBS13	25
HMBS13N	25

MOUNTING CLIPS



Details	Order QTY
HA2004	10
HA2013	10
HA2019	10

BARB JOINERS



Details	Order QTY
HMBJ4	25
HMBJ4M	25
HMBJ13	25
HMBJ19	25
HMBJ25	25

THREADED ELBOWS MALE



Details	Order QTY
HMBE1312M	25
HMBE1912M	25
HMBE1934M	25
HMBE2512M	25
HMBE2534M	25

CORNER ELBOW WITH BARB - MALE



Details	Order QTY
HMBCE1912M	25

DIRECTORS MALE



Details	Order QTY
HMBD1312M	25
HMBD1334M	25
HMBD131M	25
HMBD1912M	25
HMBD1934M	25
HMBD191M	25
HMBD2534M	25
HMBD251M	25

END PLUGS



Details	Order QTY
HMBP13	25
HMBP19	25
HMBP25	25
HMBRP4	25
HMBRP	25

REDUCING JOINERS



Details	Order QTY
HMBJ1310	25
HMBJ1913	25
HMBJ2513	25
HMBJ2519	25

BARB TEES



Details	Order QTY
HMBT4	25
HMBT13	25
HMBT19	25
HMBT25	25

REDUCING TEES



Details	Order QTY
HMBT1913	10
HMBT2513	10
HMBT2519	10

THREADED TEES FEMALE



Details	Order QTY
HMBT1312F	25
HMBT1912F	25
HMBT2512F	25

NUTS & TAILS



Details	Order QTY
HMNT3413	25
HMNT3419	25
HMNT113	25
HMNT119	25
HMNT125	25

IN-LINE VALVES



Details	Order QTY
HMBV13	20
HMBV19	20
HMBV25	20

BARB FILTERS



Details	Order QTY
HMBF13	10
HMBF19	10
HMBF25	10

RIGID RISER TUBES WITH ADAPTORS / 4MM



Details	Order QTY
HMBRGR200	25
HMBRGR300	25
HMBRGR450	25

VORTEX SPRAYS
ADJUSTABLE



Details	Order QTY
HSP160	25
HSP	50
HSPT	50

VORTEX STREAM
ADJUSTABLE



Details	Order QTY
HST160	25
HST	50
HSTT	50

MICRO SPRAY
ADAPTOR



Details	Order QTY
HMBAD415	25

STACKABLE STAKE



Details	Order QTY
SH2720	25
SH2730	25

SHRUBBLER 360°
PRESSURE COMPENSATING



Details	Order QTY
SR360STPC	25
SR360PC	100

PINCH DRIPPERS
PRESSURE COMPENSATING



Details	Order QTY
PNDPC2	100
PNDPC4	100
PNDPC8	100

ASTA DRIP SPIKE
PRESSURE COMPENSATING



Details	Order QTY
ASDPC2	25
ASDPC4	25
ASDPC8	25

Antelco Micro Sprinklers

STAKES



Details	Order QTY
MBSA200	10
MBSA310	10
MBSA420	10
MBSA530	10

WINGED™ 100KPA
SINGLE PIECE JETS



Details	Order QTY
MBJSBL360	100
MBJSBL180	100
MBJSBL90	100
MBJSGR360	100
MBJSGR180	100
MBJSGR90	100
MBJSBK360	100
MBJSBK180	100
MBJSBK90	100
MBJSRE360	100
MBJSRE180	100
MBJSRE90	100

VARI JET™ 1.5mm
78L/hr 100KPA



Details	Order QTY
MBMV360	50
MBMV180	50
MBMV90	50
MBMVM	50

ROTOR SPRAY
FULL CIRCLE PATTERN



Details	Order QTY
MBRSBU	50
MBRSGR	50
MBRSRE	50
MBRSGY	50
MBRSV	25
MBRSI	50

SPECTRUM JET™ ADJ
0-64L/hr 100KPA



Details	Order QTY
MBSS4	50
MBSS4M	50
MBSSST	25
MBSS12F	25

SHRUBBLER ADJ 360°
0-33L/Hr 100KPA



Details	Order QTY
MBMD360	100
MBMD360M	100
MBMD360ST	25
MBMD36012F	25

SHRUBBLER ADJ 180°
0-33L/Hr 100KPA



Details	Order QTY
MBMD180	100
MBMD180M	100
MBMD180ST	25
MBMD18012F	25

MINI BUBBLER ADJ 360°
0-108L/Hr 100KPA



Details	Order QTY
MBMB360	100
MBMB360M	100
MBMB360ST	25
MBMB36012F	25

Australian Manufactured PVC Fittings

Leading Supplier to the Industry

Holman Industries proudly manufactures PVC fittings in Queensland and Western Australia. Our manufacturing team is passionate about providing clever solutions that enhance our plumbing range.

DWV

STORMWATER

PRESSURE



ALL DWV, STORMWATER AND PRESSURE FITTINGS ARE MADE TO AUSTRALIAN STANDARDS WITH BEP ACCREDITATION.



HOLMAN

For the #SMARTPLUMBER