HERITAGE
LANDSCAPE SUPPLY GROUP

COMPLETE
Irrigation
SOLUTIONS

IRRIGATION CATALOG

IRRIGATION

Welcome to the Heritage Landscape Supply Irrigation catalog, designed to meet the diverse needs of contractors like you. Whether you're embarking on a new landscaping project or maintaining existing green spaces, our range of products promises efficiency, durability, and innovation.

We have irrigation solutions tailored to suit every project by scale and specification. From cutting-edge drip irrigation systems that optimize water usage to robust sprinkler systems engineered for maximum coverage, we have carefully selected a range of products prioritizing reliability and performance.

Our commitment extends beyond providing top-notch products. We understand contractors' challenges, from tight timelines to evolving environmental regulations. Our team is dedicated to offering expert guidance and support at every stage. We help you navigate complexities and achieve outstanding results.

Explore our catalog and let us be your trusted partner in transforming landscapes, conserving resources, and exceeding client expectations.
Together, we'll bring your vision to life.

HERITAGE FAMILY OF BRANDS

AQUARIUS LANDSCAPE SUPPLY
atlanta LANDSCAPE MATERIALS
ATLANTIC MULCH
AUTOMATIC SUPPLY Outdoor Living | Lighting | Irrigation
BEEHIVE BRICK & STONE
CPS Distributors
FIS OUTDOOR
HLS OUTDOOR
Imperial SPRINKLER SUPPLY
IRRIGATION STATION
Marenakos ROCK CENTER
MCS LANDSCAPE SUPPLY
NORMAC
REAMS
SALISBURY RICK
SBI
SCOTT STONE
SILVER CREEK
Southern Stone Supply
SUPERIOR IRRIGATION & LANDSCAPE SUPPLY
STONECENTER
W WATSON SUPPLY
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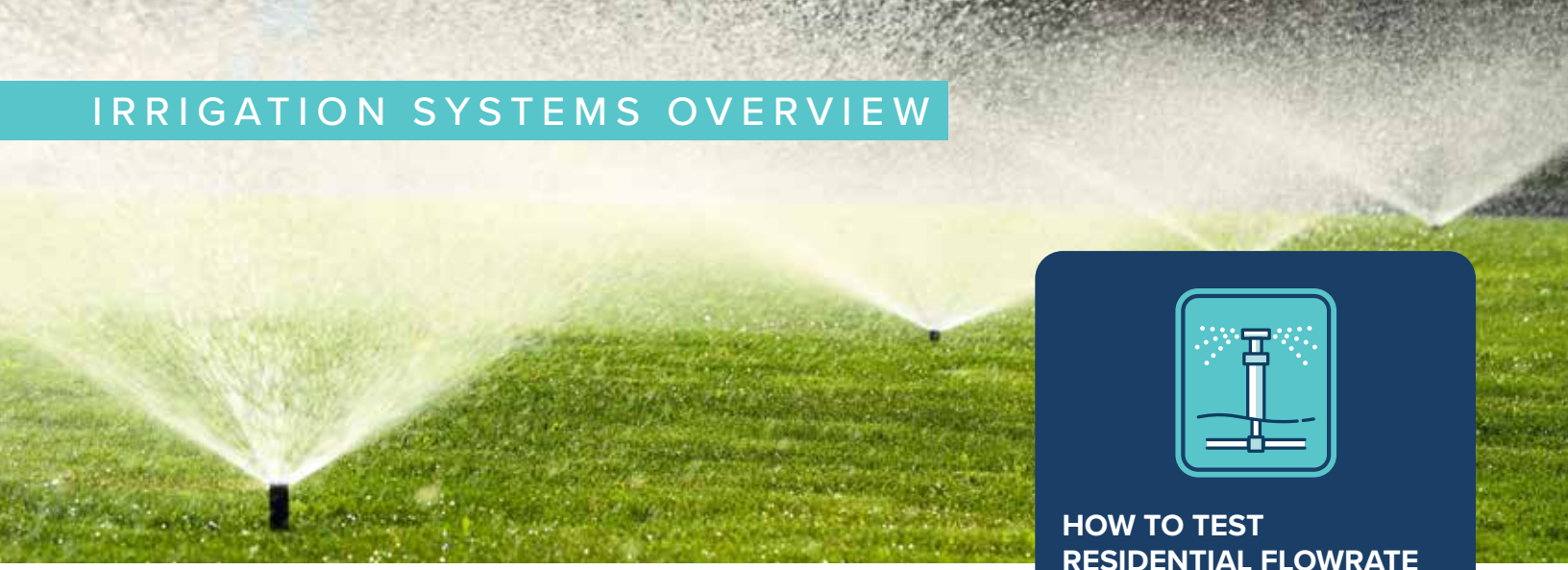
IRRIGATION SYSTEMS OVERVIEW



Before delving into specific irrigation systems, here's what to consider:

- **Size and Layout of the Area:** Also consider any irregular terrain or landscaping features within that area.
- **Soil Type and Plant Requirements:** Water needs vary; so should the irrigation system design.
- **Water Source and Availability:** Assess distance and pressure levels, and any restrictions or regulations governing water usage in the area.
- **Budget and Long-Term Maintenance:** Help the customer balance the upfront installation costs with the long-term maintenance costs and potential savings in water usage.

HOW TO TEST RESIDENTIAL FLOWRATE

- Fully open the faucet, then place a large bucket of known volume under the faucet and time how long it takes to fill.
- For example: it may take 30 seconds to fill a 5-gallon bucket. The flow rate of the faucet would be 10 gallons per minute (gpm) with 70 to 75% "usable" (7 to 7.5 gpm).

Flow rate is not the only factor when determining usable water. Pressure should also be considered.

Sprinkler Systems vs. Drip Irrigation

Once you take all these variables into account, you can see which system meets your needs. Generally, there are two types of systems to consider: traditional sprinkler systems and drip irrigation systems. In modern landscapes, many irrigation systems actually combine both sprinkler and drip irrigation technologies to optimize water delivery for different areas and plant types.

Sprinkler Systems

Sprinkler systems are ideal for larger lawns and open areas as they cover a wide area. These systems utilize under-ground pipes and sprinkler heads to distribute water over a designated area, mimicking natural rainfall.

Technological advancements have given users new options, from programming watering times and intervals to sensors that use real-time weather data to adjust watering schedules.

Drip Irrigation

Drip irrigation systems offer a more localized approach to irrigation. It involves a network of tubes and emitters to deliver water directly to plant roots, minimizing water waste and promoting water efficiency.

By providing a slow, steady supply of water on the soil near the plant's roots the plant receives only the amount required to achieve maximum growth.

How to choose between spray heads or rotor heads

Spray Heads

Ideal for smaller, level areas, spray heads distribute water in a fixed, fan shaped pattern. They are available in various radii and patterns and can accommodate most projects.

From an aesthetic perspective, spray heads are a popular option as their pop-up design means they are only visible while activated. Spray heads are also easier to position at installation.

PROS

- Best for smaller areas
- Pop up design
- Ideal for even surfaces

CONS

- Requires more maintenance

It is a best practice in the industry to not mix the two on the same zone unless the spray heads are installed with rotary nozzles.

Rotor Heads

Rotor heads, on the other hand, are designed for large, open areas. They distribute water in a single stream, turning as the head rotates in a circle. They have a low precipitation rate, so they will evenly cover more area over a longer period of time, making it ideal for sloped areas.

Most recognizable is the impact rotor, which makes a distinct ticking sound. However, more and more impact rotors are being replaced by quieter gear-driven rotors.

In contrast to spray head installation, installing rotor heads can take longer. Rotors are used on larger and more uneven/sloping areas, so they need to be set, checked and potentially reset to determine the final placement.

PROS

- Best for larger areas
- Lower application rate
- Ideal for sloped areas

CONS

- More time is needed to position
- Longer installation time

RUNTIME GUIDE

On average, rotor sprinklers release 0.5 to 1 inch of water per hour, whereas spray heads release 1.5 to 2 inches of water per hour. If you are using spray heads, running them for 15 to 20 minutes should be sufficient. However, if you are using rotors, they need to run for 2 to 3 times longer to achieve the same amount of water output.

Product Spotlight

Hunter Industries

Built Tough to Withstand Life in the Trenches

Hunter Pro-Spray line can handle the harshest environments and pressure, and still perform as needed. Pressure regulated models provide new opportunities for extraordinary water savings.

Hunter®				
	PS Ultra	**Pro-Spray**	**PRS30**	**PRS40**
QUICK SPECS				
	Good	Better	Best with Sprays	Best with MP Rotators
Models	2, 4, 6	Shrub, 2, 3, 4, 6, 12	Shrub, 3, 4, 6, 12	Shrub, 3, 4, 6, 12
Pressure Regulator (PSI)	N/A	N/A	30	40

Rain Bird

Since the launch of the industry-leading 1800® Series, Rain Bird has set the bar for dependable, efficient performance in commercial sprays—with heads and nozzles that competitors can't match. For decades, Rain Bird Sprays have been proven by the top contractors in the business.

RAIN BIRD				
	Uni-Spray	**1800**	**RD 1800**	**PRS-45**
QUICK SPECS				
	Best with Sprays	Better	Good	Best with R-VAN Nozzles
Models	Shrub, 3, 4, 6, 12	Shrub, 2, 3, 4, 6, 12	2, 4, 6	Shrub, 3, 4, 6, 12
Pressure Regulator (PSI)	30	N/A	N/A	40

SPRINKLER SYSTEM: NOZZLES

Nozzles are typically interchangeable and determine the pattern and radius of the water throw -- half circle, full circle, etc. Specialty patterns are also available.

Rotary Nozzles

While sometimes used interchangeably, rotor and rotary have different meanings in irrigation. Rotor heads distribute a single stream of water as they rotate. Rotary nozzles, on the other hand, use multi-trajectory, revolving streams to apply water much more slowly and uniformly than conventional sprays.

SPRINKLER SYSTEM MAINTENANCE CHECKLIST

- **Performing routine maintenance checks** is essential to ensure a sprinkler system runs efficiently. This additional service ensures your customers get the most out of their system and provides ongoing business from existing customers.
- **Clean your system.** Clean spray heads with a brush or hose to clear away dirt, debris, glass clippings, etc. Also be sure to clear away any overgrowth accumulating near your spray heads or rotor heads.
- **Run a test.** Examine each zone to confirm all heads are functioning properly.
- **Inspect spray/rotor heads.** Use this time to check the alignment of sprinkler heads and identify if any need to be raised, lowered, moved or repaired.
- **Survey the area.** Inspect the area for any dry spots on the lawn or leaks to ensure you are watering the areas that need it.

If you're aiming for precision watering that minimizes water waste in your client's project scope, consider the benefits of drip irrigation.

Key benefits of drip irrigation

Conservation

Water conservation is one of the top reasons for installing a drip system. Users can precisely regulate the amount of water used during irrigation so that nearly all of it remains in the root zone. Additionally, drip irrigation mitigates weed invasion.

Efficiency

Traditional watering methods deliver water faster than most soils can absorb. If water exceeds the soil's percolation rate, it can only run off the surface, taking valuable topsoil and nutrients with it.

The slow approach of drip irrigation provides the perfect scenario for plants to grow strong root systems.

Plant Health

Less wasted water means less opportunity for pests to thrive in the environment.

Versatile installation

Drip irrigation is also ideal in areas where efficient sprinkler layout is difficult, such as steep slopes, long, narrow strips, and odd shapes.

Maintenance

Since drip irrigation is above ground, it is more susceptible to damage from UV rays or accidents. It's important to check the system to ensure it is operating properly.

Inspect the flow from each emitter, flush lines by unscrewing the end caps and turning the water on and clean the filter.

Be sure to check local county and city programs for potential rebates for water conservation efforts. This could benefit your customers as they explore their irrigation options.

Not sure where to start looking? Head over to **heritagelandscape-supplygroup.com** to learn about current incentives throughout the United States.

Smart irrigation tech uses real-time data to precisely determine watering needs. Smart controllers adjust schedules based on environmental conditions, promoting healthier plants, conserving water, and reducing costs. Several options offer tailored solutions to elevate your contracting services.

Climate-Based Controllers

Climate-based controllers, also known as evapotranspiration (ET) controllers, use local weather data to adjust irrigation run-time.

There are three common options for this type of controller:

1. Signal-based controllers, which use publicly available meteorological data.

2. Historic ET controllers, which use historic water use in different regions to program water use.

3. On-site weather measurement controllers, which use weather data collected on-site to calculate continuous ET measurements and water.

CONTROLLERS

Hunter Industries

				
	HUNTER X2 WITH WAND	**PRO-C**	**PRO-HC**	**ACC2**
QUICK SPECS				
Numer of stations	4, 6, 8, 14	4-32	6, 12, 24	12-54
Type	Fixed	Modular	Fixed	Modular
Features	Wi-Fi Capable with WAND **Connected:** Bluetooth® pairing makes connecting to Wi-Fi faster and easier **Adaptable:** Use your smartphone as a manual remote when Wi-Fi is unavailable or the controller is hard to access **Efficient:** Copy and paste Hydrawise® Software scheduling to any X2 Controller for full schedule setup in seconds with Rapid Programming™ Technology	**Flexible design:** Modular station expansion allows for conventional wiring from 4 to 23 stations. **Two-wire compatible:** Enable hybrid two-wire control for up to 32 stations with EZ-1 Decoders. **Enhanced sensor functionality:** Two sensor inputs are available for use with Hunter Solar Sync® and Clik Sensors.	Wi-Fi Enabled **Save time:** Manage irrigation from anywhere using your smartphone, tablet, or computer. **Save water:** Predictive Watering® technology adjusts irrigation schedules based on local weather data. **Easy to use:** Dashboard control and touchscreen interface simply programming.	**Flow Management:** Controls up to 6 flow zones with monitoring and mainline protection. **Sensor Integration:** 3 Clik sensors, Solar Sync compatible, and up to 6 flow sensor inputs. **Professional Control:** 32 programs with 10 start times each and SmartStack™ operation.

Rain Bird

				
	ESP-TM2 Series Controllers	**ESP-ME3**	**ESP-2WIRE**	**ESP-LXIVM 2-Wire Controller with Smart Valve Technology**
QUICK SPECS				
Stations	Fixed 4, 6, 8 or 12	Base 4, expandable up to 22 with modules	Fixed 50	Up to 60 (expandable - 240)
Programs	3	4	4	8
Flow Sensing	Flow sensor compatible	Flow sensor compatible	High and Low Flow Leak Detection	5 flow sensors supported (LX-IVM), 10 for LX-IVM Pro
Features	Cost Effective and Easy to Use WiFi compatible	WiFi compatible (with LNK WiFi Module) WaterSense certified for up to 30% water savings Large LCD display with backlight WiFi compatible	50-Station Capacity Comes Standard Compatible with Standard Direct Burial Irrigation Wire and Wire Connectors Decoder Auto-Address WiFi compatible	60-station capability standard expandable to 240 stations with LXIVM Pro Panel 4 available sensor inputs (one wired plus up to 3 on 2-Wire path) with override switch. 8 (7 plus 1) for LX-IVM Pro WiFi compatible

TOP CONTROLLERS FOR PROS

Rain Bird

Rain Bird ESP-Me Series:

Known for its versatility and expandability, allowing for easy customization and management of irrigation zones.

Rain Bird ESP-TM2 Series:

Offers reliable operation and simple programming, with flexible scheduling options and water-saving features.

Rain Bird RC2 Smart Controller:

Delivers comprehensive remote irrigation control with smart weather-based adjustments and professional management tools, all accessible through a user-friendly mobile app.

TOP CONTROLLERS FOR PROS

Hunter

Hunter Pro-HC Series:

Offers smart watering features, including predictive watering adjustments based on weather forecasts and easy smartphone app control.

Hunter X-Core Series:

Known for its reliability and user-friendly interface, with flexible scheduling options and compatibility with various accessories.

Hunter ICC2 Series:

Ideal for larger properties, with expandable capacity for up to 54 zones, advanced programming options, and remote management capabilities.

K-Rain

K-Rain Pro EX2 Series:

Known for its durability and user-friendly design, with flexible scheduling options and easy installation.

K-Rain RPS 624 Outdoor Irrigation Controller:

Offers reliable operation in harsh outdoor conditions, with simple programming and customizable watering schedules.

K-Rain Pro EX Series:

Features expandable capacity for up to 16 zones, intuitive programming, and compatibility with various accessories for enhanced functionality.

ADDING VALUE WITH SENSORS

Once the system is in place, there are still opportunities to add value to your customers. By adding sensors, you can enhance customer satisfaction, reduce callbacks and ensure clients can stay compliant with regulations and water restrictions in their area.

Rain/Freeze Sensors

While not technically considered smart technology, rain and freeze sensors are valuable additions to make sure the system is only irrigating when necessary. These sensors interrupt an irrigation cycle during a rain or freeze event, saving money, avoiding unnecessary runoff and in instances of freezing temperatures, avoiding harsh environments to extend the system's life.

Wind Sensors

To ensure uniform distribution through the system, even in windy conditions, wind sensors provide the option to interrupt the irrigation cycle once wind speed exceeds a certain threshold.

Flow Sensors

Flow sensors help your smart controller monitor when water is flowing and alert you when there's a problem. Many flow sensors can also measure the amount of water being delivered to an irrigation system.

PIPE & FITTINGS

There are three types of pipe which could be used during the installation of your lawn sprinkler system. They are polyethylene (POLY PIPE), poly vinyl chloride (PVC PIPE) and Funny pipe.

Poly Pipe

Poly pipe is great for tough soil conditions where there is a lot of rock in the ground. It is ideal for pulling pipe underground and an easier method of installation when it comes to installing the fittings. When using poly pipe, you must use a master valve on the main line.

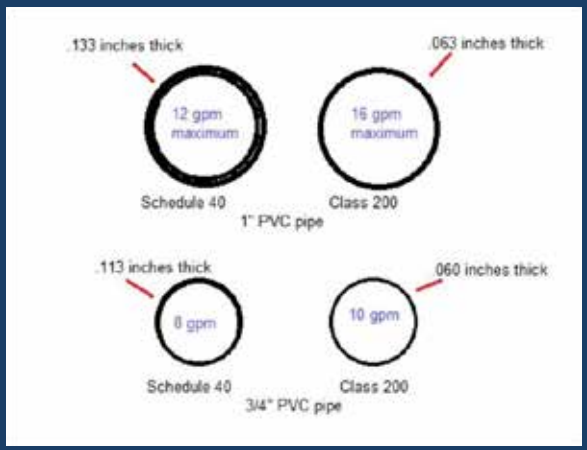
PVC Pipe

PVC pipe is more rigid than poly pipe.

Swing Pipe

Swing pipe is a highly flexible pipe, often used to attach the sprinkler heads to the zone lines. It is similar to poly pipe but has a tighter turning radius.

Determining what size pipe to use



Schedule 40

Schedule “x” designates the wall thickness at a certain size. For example, a 1” pipe in schedule 40 has a wall thickness of .133”; schedule 80 has a wall thickness of .179”.

In a nutshell, a higher schedule equals a thicker wall.

“Class” Pipe:

Class 200 pipe is rated for 200 pounds per square inch pressure (psi) and has a wall thickness of .063” for a 1” pipe.

Fittings

Every connection point in an irrigation system requires a fitting.

Poly Fittings

Poly fittings are used for connecting one piece of poly pipe to another to create a longer run of piping or change its direction.

RULE OF THUMB

Use schedule 40 for the main line, run it from the water meter, through the backflow and to the valves. Then use class 200 for the laterals, or after the valves.

PIPE INSTALLATION

Understanding the difference between set and cure time is key to understanding when solvent cemented pipe is safe to handle and when its ready to be pressurized.

Set Time vs. Cure Time

Set Time must be observed after assembly of each joint before carefully handling. Cure Time must be observed after assembly of each joint before introducing pressure.

RULE OF THUMB

Before digging starts, it's important to call all local utilities to identify all power lines, cable lines and gas lines.

Pressure loss through water meters

AWWA standard pressure loss

Pressure loss: psi

Nominal Size

flow					
gpm	⅝ in	¾ in	1 in	1½ in	2 in
1	0.2	0.1			
2	0.3	0.2			
3	0.4	0.3			
4	0.6	0.5	0.1		
5	0.9	0.6	0.2		
6	1.3	0.7	0.3		
7	1.8	0.8	0.4		
8	2.3	1.0	0.5		
9	3.0	1.3	0.6		
10	3.7	1.6	0.7		
11	4.4	1.9	0.8		
12	5.1	2.2	0.9		
13	6.1	2.6	1.0		
14	7.2	3.1	1.1		
15	8.3	3.6	1.2		
16	9.4	4.1	1.4	0.4	
17	10.7	4.6	1.6	0.5	
18	12.0	5.2	1.8	0.6	
19	13.4	5.8	2.0	0.7	
20	15.0	6.5	2.2	0.8	
22		7.9	2.8	1.0	
24		9.5	3.4	1.2	
26		11.2	4.0	1.4	
28		13.0	4.6	1.6	
30		15.0	5.3	1.8	
32			6.0	2.1	0.8
34			6.9	2.4	0.9
36			7.8	2.7	1.0
38			8.7	3.0	1.2
40			9.6	3.3	1.3

AVERAGE INITIAL SET SCHEDULE FOR WELD-ON® PVC/CPVC SOLVENT CEMENTS**

Temperature Range	Pipe Sizes ½" to 1¼" 20mm to 40mm	Pipe Sizes 1½" to 2" 50mm to 63mm	Pipe Sizes 2½" to 8" 75mm to 200mm	Pipe Sizes 10" to 15" 250mm to 380mm	Pipe Sizes 15"+ 380mm +
60°-100°F/16°-38°C	2 minutes	5 minutes	30 minutes	2 hours	4 hours
40°-60°F/5°-16°C	5 minutes	10 minutes	2 hours	8 hours	16 hours
0°-40°F/-18°-5°C	10 minutes	15 minutes	12 hours	24 hours	48 hours

Note - Initial set schedule is the necessary time to allow before the joint can be carefully handled.
In damp or humid weather allow 50% more set time.

AVERAGE JOINT CURE SCHEDULE FOR WELD-ON PVC/CPVC SOLVENT CEMENTS**

Relative Humidity 60% or Less	Pipe Sizes ½" to 1¼" 20mm to 40mm		Pipe Sizes 1½" to 2" 50mm to 63mm		Pipe Sizes 2½" to 8" 75mm to 200mm		Pipe Sizes 10" to 15" 250mm to 380mm	Pipe Sizes 15"+ 380mm +
Temperature range during assembly and cure periods	up to 160 psi / 11 Bar	160 to 370 psi / 11 to 26 Bar	up to 160 psi / 11 Bar	160 to 315 psi / 11 to 22 Bar	up to 160 psi / 11 Bar	160 to 315 psi / 11 to 22 Bar	up to 100 psi / 7 Bar	up to 100 psi / 7 Bar
60°-100°F/16°-38°C	15 min	6 hrs	30 min	12 hrs	1½ hrs	24 hrs	48 hrs	72 hrs
40°-60°F/5°-16°C	20 min	12 hrs	45 min	24 hrs	4 hrs	48 hrs	96 hrs	6 days
0°-40°F/-18°-5°C	30 min	48 hrs	1 hour	96 hrs	72 hrs	8 days	8 days	14 days

Note - Joint cure schedule is the necessary time to allow before pressurizing system.
In damp or humid weather allow 50% more cure time.

** These figures are estimates based on testing done under laboratory conditions. Field working conditions can vary significantly. This chart should be used as a general reference only.

AVERAGE NUMBER OF JOINTS/QUART (1Kg) OF WELD-ON CEMENT*

Pipe Diameters	½" 20mm	¾" 25mm	1" 32mm	1½" 50mm	2" 63mm	3" 90mm	4" 110mm	6" 160mm	8" 200mm	10" 250mm	12" 315mm	15" 380mm	18" 450mm
Number of Joints	300	200	125	90	60	40	30	10	5	2-3	1-2	¾	½

Note - **For Primer:** Double the number of joints shown for cement.

*These figures are estimates based on our laboratory tests. Due to the many variables in the field, these figures should be used as a general guide only. **Note: 1 Joint = 1 Socket**

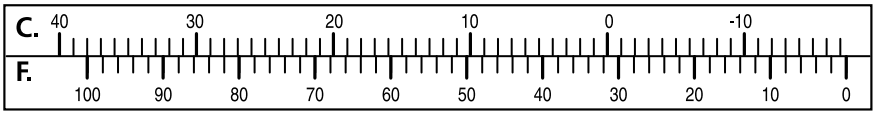
PIPE SIZE EQUIVALENT CHART - INCHES/MILLIMETERS

in.	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	6"	8"	10"	12"	14"	18"	24"	30"
mm.	20	25	32	40	50	63	75	90	110	160	200	250	315	355	450	600	800

PRODUCT SHELF LIFE

Weld-On Products	Shelf-life
Primers / Cleaners	3 years
PVC Solvent Cement	3 years
CPVC Solvent Cement	2 years

FAHRENHEIT TO CELSIUS CONVERSION CHART



VALVES

Valves control the water flow in irrigation systems. Let's examine a few types of valves.

Check Valves

A check valve prevents backflow by automatically shutting off when the pressure reduces or changes direction, so water can only travel in one direction. This is a mechanical shut-off.

Inline Valves

Inline valves are the most common valve used in irrigation systems. They are typically installed underground in a valve box. In some areas, the valves can be installed above ground.

Valve boxes

Valve boxes protect parts of an irrigation system that may need service over time, such as wire splices, valves and drip emitters. A properly sized valve box will provide plenty of room for any service tasks to be performed.

An emitter box is a type of valve box manufactured to cover multi-outlet drip emitters. They have slots on the sides to accommodate the drip irrigation distribution tubing.

To blend in with the landscape, valve box covers are available in an assortment of colors including black, green, tan and purple.

Gate Valves

Gate valves are used to permit or prevent the flow of water. A gate valve opens by lifting a gate or wedge out of the path of water

Backflow preventers

Backflow preventers are designed to ensure that only clean water reaches your home. Specifically, it stops irrigation water from draining back into the main supply line.

PRODUCT SPOTLIGHT: VALVES

Hunter:
Check Valve, 3/4”FNPT x MNPT 150 - 1500 kPa HCV Series

Irritrol:
Globe Valve, 1”FNPT PVC 10 - 150 psi 2400 Series Straight Electric with Flow Control

Rain Bird:
2” NPT Glass-Filled Nylon 20 - 200 psi PESBIVM Series Scrubber with Smart Solenoid Irrigation Valve

Hunter:
Quick Coupling Valve, 1-1/4”Female Red Brass 1-Piece with 1 Slot Locking Yellow Lid

The type of sprinkler pump you purchase should depend on your irrigation needs. An efficient pump system is one where the pump matches the needs of the water source, the piping system and the irrigation equipment.

Common options for pumps include:

Centrifugal

Centrifugal pumps are self-priming centrifugal pumps featuring a rugged brass impeller and a cast iron diffuser, bracket and casing. Designed for rugged, reliable performance, these pumps are ideal for irrigation and a variety of other pumping applications.

PRODUCT SPOTLIGHT: VALVES

Munro:
1 hp 115/208 to 230 V 56 gpm LP-Series Sprinkler Centrifugal Pump

Pentair:
3 hp 230 V 109 gpm Self-Priming D-Series Centrifugal Pump

Flint & Walling:
2 hp 115/230 V 42 gpm at 40 psi 2-Stage Multi-Stage Centrifugal Pump

The water going into your irrigation system might not be as clean as you'd think. Debris can get into your irrigation system and accumulate in valves, sprays and emitters causing decreased performance and the need for more maintenance. This is why it is important to install a filter to prevent the problem before it starts.

T-Style Filters vs. T-Style Filter Screens

T-style screen filters prevent dirt, debris and small fish from being sucked into your pump and causing clogs and damage. Our screen filters are available with either stainless steel, polyester screens, and disc filters.

Replacement screens enable you to replace worn or damaged filter screens without the inconvenience and cost of replacing the entire filter.

DRAINAGE

Proper drainage is crucial for maintaining the health and integrity of landscaped areas. It prevents waterlogging, soil erosion, and root rot, leading to plant stress and even death. By facilitating the removal of excess water, drainage systems help maintain optimal soil moisture levels, promote healthy root growth, and prevent the accumulation of harmful pathogens and salts in the soil.

Drainage products are designed to manage and direct excess water flow in landscapes away from surfaces and plant roots.

Common products include:

French Drains

Perforated pipes installed underground to redirect excess water away from the surface.

Catch Basins

Collection points for surface water which is then directed into the drainage system.

Grates and Emitters

Coverings for drainage channels and pipes that allow water to flow while preventing debris from entering the system.

Trench Drains

Linear drains that collect and then channel water along paved surfaces to prevent water buildup.

Dry Wells

Underground storage systems that collect and then disperse excess water into the surrounding soil.

NDS DECORATIVE GRATES

NDS decorative grates combine functionality with style to achieve excellence in drainage. These grates efficiently manage excess water, preventing pooling and erosion, and add an elegant touch to outdoor spaces. With a range of designs, they seamlessly blend into any landscape.

To learn more about these products, as well as our stormwater products, visit us at heritagelandscapesupplygroup.com.

PRODUCT SPOTLIGHT: CATCH BASINS

Polylok:
20” Round Polypropylene Black 6-Hole with Green Grate Catch Basin

Rain Bird:
12” x 12” Square 2-Outlet Drainage with Black Grate Catch Basin Kit

NDS:
9” w/Green Grate Catch Basin Kit

Building Trust with Customers by tackling common maintenance issues

Clogging

Regularly inspect and clean grates of debris or vegetation.

Slope Issues

Ensure proper grading and slope to facilitate water flow towards drainage points.

Sediment Accumulation

Install sediment filters to prevent sediment buildup within pipes and channels.

Frost Heave

In colder climates, consider using frost-resistant materials to prevent damage during freezing and thawing cycles.

Get certified

Finding new ways to generate revenue can go a long way to support the continued growth of your business. Taking on drainage projects are the perfect opportunity to increase profits and attract new customers.

Learn more about the NDS Professional Drainage Contractor Certification and start growing your business today.

Heritage Landscape Supply Group is the second-largest distributor in the landscape industry, with 32+ distribution brands and over 210+ locations across the United States. We are here to support you no matter the size of your project. Contact us today to find out how we can support you from design through execution.

Channel and Trench Drains

Channel and trench drain systems provide reliable, cost-effective solutions to solve predictable water-management issues. We carry a curated selection of modular drainage systems that are designed with functionality and ease of use in mind. They are capable of handling heavy water flow, are quick and simple to install, and are built to last, making them a great choice for a variety of applications.

Our trench and channel drain systems are available in a variety of materials, from plastic to fiber-reinforced concrete, to suit different applications and preferences. Whether you need a system for your driveway or you're outfitting an airport, we have the right trench drain systems for your application.

PROFILE SERIES

Micro Channel™	Slim Channel	Mini Channel™	Spee-D® Channel	Pro Series Channel™	Dura Slope™	BG-FILCOTEN®
						
Pools, Spas, Patios	Patios, Pools, Spas, Walkways & Paver Landscapes	Pools, Patios, Tennis Courts	Pools, Pool Decks, Driveways	3", 5", 8" and 12", Patios, Driveways, Sports Fields	Driveways, Parking Lots, Courtyards	4", 8" and 12", Fiber-reinforced Concrete

PRODUCT SPOTLIGHT: VALVE BOXES

NDS 13" x 24" x 12" Pro-Spec Series - Green Box / Green Bolt-down Cover, ICV

NDS Jumbo Valve Box and Cover

NDS 6" Round ICV Box and Cover

DRAINAGE CALCULATOR

How to determine water capacity and working pressure

(for water systems serviced by a municipal water service)

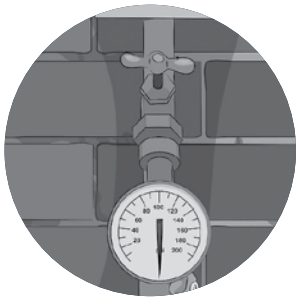
Faucet X

Step 1.

Locate the outside faucet closest to the main line (Faucet X).

Step 2.

Locate another faucet on your house and attach a pressure gauge (Faucet Y).



Faucet Y

Step 3.

With faucet X completely open, check the pressure reading on the gauge at faucet Y. If it is less than working pressure, turn down the water flow from faucet X until the reading reaches the working pressure your system requires.

For example, if you want to run your rotary heads at 35PSI and you will lose 12PSI in your plumbing and piping system you will require 47PSI at G).

Step 4.

Place a five-gallon bucket under faucet X and time how long it takes to fill it with water. This test tells you how much water is available, measured in gallons per minute (GPM).

60 seconds / time to fill the bucket x 5 (bucket size) = _____ GPM

Enter your findings from the test here: _____ PSI _____ GPM

This is how much water is available at the designated working pressure or at the higher reading that you recorded.

ADDITIONAL TOOLS TO HELP WITH INSTALLATION

Marking Flags

Flags are used to mark the location of irrigation equipment, such as sprinkler heads, during installation or service and repair.

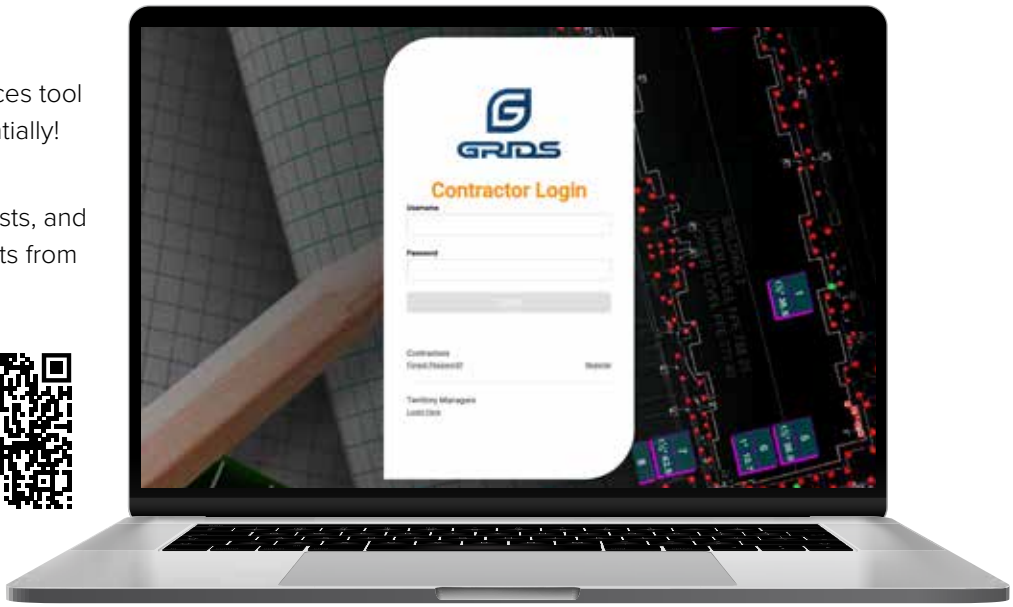
Pressure Gauges

Pressure gauges can help you measure water pressure, ensuring the irrigation system operates at peak efficiency.

GRIDS

Discover the industry-leading design services tool that can help your company grow exponentially!

GRIDS is a design services tool for lead generation, design requests, takeoff requests, and more. It serves as a hub for tracking projects from bidding to winning.



Services Offered

- Lead Generation
- Design Requests
- Takeoff Requests
- Submittal Package Requests
- Job Tracking
- Much more!

Additional resources

Hunter University

Hunter University is an online learning management system that delivers video-based training, streaming content, resources, and testing to anyone with an email address and access to a computer. Hunter University hosts hundreds of online learning courses and programs on residential, commercial, golf, and agricultural irrigation and outdoor lighting at no cost to users.

Rain Bird Academy

Rain Bird Academy is a professional irrigation training program dedicated to the development of irrigation professionals. All Rain Bird Academy courses are taught by certified technical trainers who are experts in irrigation with significant real world irrigation experience. Rain Bird Academy offers more than 40 courses and workshops leading the way in irrigation training for irrigation professionals.

Upcoming Professional Drainage Certification Courses

An NALP CEU approved event. You will earn four (4) CEU Credits toward NALP Recertification and an official NDS Professional Drainage Contractor Certification. Professional Drainage Certification is an approved course for Landscape Industry Certified recertification at 1 CEU per hour of instruction attended. NDS hosts contractor certification events around the country. Join us for an upcoming certification training. Certification is valid for two years.

WARRANTIES AND REWARDS PROGRAMS

Rain Bird

Warranty: 3-5 years

Rain Bird Rewards Program

Under Rain Bird's rewards program, participants earn Rain Bird Points when they purchase certain Rain Bird products from authorized Rain Bird distributors or from Rain Bird directly. Points can be redeemed for items, checks and distributor credits shown on the online redemption website. To learn more, visit www.rainbird.com/rewards

Hunter

Warranty: 1-5 years

Hunter Preferred Program

Preferred members earn points for qualified Hunter and FX Luminaire product purchases. Points quickly add up and can be used to redeem great rewards including distributor credit, cash and more. It's free to join and open to all professionals in the lighting and irrigation industry. To learn more, visit https://preferred.hunterindustries.com/

K-Rain

Warranty: 3-7 years

Premier Contractor Program

The K-Rain Premier Contractor Loyalty Program offers professionals rebates from the very first dollar spent. Members can earn a rebate of up to 5.5%. Additionally, members can redeem rewards for distributor credit, Visa debit card or continuing education courses. To learn more, visit https://premier.krain.com/

WARRANTY DISCLAIMER

Please note: Warranty coverage for parts is subject to manufacturer terms and conditions. For detailed warranty information, please visit the manufacturer's website.

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