# Outdoor Living

**Lighting**

**Outdoor Kitchens and Grills**

**Outdoor Fireplaces and Pits**

**Hardscapes**

**Permeable Pavers**

**Synthetic Grass**

**Waterscaping**

Introducing...
elements™ series
A new offering from Unique Lighting Systems®
UNIQUE LIGHTING SYSTEMS
An Authentic Style, A Unique Construction.
Unique Lighting Systems®, the leader in brass and copper landscape lighting fixtures, is proud to introduce the Elements™ Series - a high-quality, outdoor lighting portfolio with an advanced alloy construction. This clean and sleek family of fixtures was designed with durability and ease of installation in mind. A sophisticated E-Shield™ process ensures longevity while the innovative FLEX™ Auxiliary Wire Lead provides unmatched flexibility.
A360 ALLOY
Superior Corrosion Resistance
E-Shield™
Powder Coat
Exclusive Coating Process
Brass Threaded Stake
Light Logic™ Ready
Multiple Transformer Options Available

# Outdoor Living

VISTA PROFESSIONAL OUTDOOR LIGHTING

## VISTA PROFESSIONAL OUTDOOR LIGHTING

Welcome to Vista Professional Outdoor Lighting, one of the leading suppliers and innovators in the architectural and landscape lighting industry.

Vista has a well-established reputation among lighting designers, engineers, architects, distributors, contractors, and property owners for high quality products and outstanding customer support. Vista's range of innovative designs and finishes are an ideal compliment to residential, commercial, public area, resort and institutional applications.

The charts below help you determine product specifications for all Vista Professional Outdoor Lighting products within this catalog.

| HOW TO SPECIFY: GR-2219-B-BAB-HL | | | | |
|---|---|---|---|---|
| **Mounting:** | **Part No.:** | **Finish:** | **Lamp:** | **Accessories:** |
| **GR**- ABS ground stake incl.<br>**WR**- Wall-mount canopy incl.<br>**TR**- Tree-mount junction box incl. | 2219 | **B** - Black<br>**G** - Verde<br>**BR**- Architectural Brick<br>**Z**- Architectural Bronze<br>**GT**- Granite<br>**P**- Pewter<br>**TC**- Terracotta<br>**R**- Rust<br>**LZ**- Light Bronze<br>**DZ**- Dark Bronze<br>**HG**- Hunter Green<br>**WB**- Weathered Bronze<br>**WI**- Weathered Iron<br>**W**- White<br>**BSN**- Natural Brass<br>**BSO**- Olde Brass<br>**CSN**- Copper<br>**M**- Mocha<br>**SS**- Stainless Steel | (Please see lamp order code column on lamp guide, Vista product catalog.) | **BL**- Flat Cool Blue lens<br>**SL**- Flat Spread lens<br>**FR**- Flat Frosted lens<br>**DBL**- Flat Dark Blue lens<br>**GL**- Flat Dark Green lens<br>**RL**- Flat Red lens<br>**YL**- Flat Amber lens<br>**HL**- Honeycomb louver |

| STANDARD VISTA FINISHES: | | | |
|---|---|---|---|
| **B** | Black | **HG** | Hunter Green |
| **G** | Verde | **WB** | Weather Bronze |
| **BR** | Architectural Brick | **WI** | Weathered Iron |
| **Z** | Architectural Bronze | **W** | White |
| **GT** | Granite | **BSN** | Natural Brass |
| **P** | Pewter | **BSO** | Olde Brass |
| **TC** | Terracotta | **CSN** | Copper |
| **R** | Rust | **M** | Mocha |
| **LZ** | Light Bronze | **SS** | Stainless Steel |
| **DZ** | Dark Bronze | | |

## VISTA - UP AND ACCENT LIGHTS, ALUMINUM SERIES

**HOUSING:** Die-cast, copper-free aluminum

**SHROUD:** Die-cast, copper-free aluminum fitted to the housing with a silicone o-ring gasket — providing a superior weather-tight seal

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**WIRING:** Prewired with a three-foot pigtail of 18-2 direct-burial cable and underground connectors for a secure connection to the supply cable

### GR2216

**LAMP:** MR-16 Halogen — 50W maximum. LN-20 BAB (20W) Standard

**DIMENSIONS:** 2 1/2" X 7 1/8"

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Light Bronze, Dark Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**LENS:** Clear or frosted convex glass lens

**MOUNTING:** ABS ground stake included

### GR2219

**LAMP TYPE:** MR-16 Halogen — 50W maximum. LN-20 BAB (20W) Standard

**DIMENSIONS:** 2 1/4" X 7 7/8"

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Light Bronze, Dark Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**LENS:** Clear or frosted convex glass lens

**MOUNTING:** ABS ground stake included

### GR5006

**LAMP TYPE:** MR-16 LED Lamp Only - 36° Flood, 4.5W Standard

**DIMENSIONS:** 2 5/8" X 5 7/8"

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Light Bronze, Dark Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**LENS:** Clear, tempered, shock and heat-resistant, soda-lime glass lens

**OPTICS:** Available in 15° Narrow Spot, 25° Spot, 36° Flood, or 60° Wide Flood distributions

**MOUNTING:** ABS ground stake included

### GR5004

**LAMP TYPE:** MR-11 LED Lamp Only - 36° Flood, 2.5W Standard

**DIMENSIONS:** 2 1/8" X 5 3/8"

**FINISH:** Polyester powder-coat finish available in Black, Verde, Architectural Brick, Architectural Bronze, Light Bronze, Dark Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**LENS:** Clear, tempered, shock and heat-resistant, soda-lime glass lens

**OPTICS:** Available in 15° Narrow Spot, 25° Spot, 36° Flood, or 60° Wide Flood distributions

**MOUNTING:** ABS ground stake included

## VISTA - UP AND ACCENT LIGHTS, COPPER SERIES

PROFESSIONAL OUTDOOR LIGHTING

**HOUSING:** Heavy-gauge, extruded, solid copper housing fitted to a precision CNC-machined, solid brass base. A solid copper lens-retaining flange and high temperature, color-coordinated silicone seal — provides a superior weather-tight seal

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, fixed-position design lamp mechanism with stainless steel lamp retaining clip, and Teflon-jacketed wire leads

**WIRING:** Prewired with a three-foot pigtail of 18-2 direct-burial cable and underground connectors for a secure connection to the supply cable

### GR2116CSN

**LAMP TYPE:** MR-16 Halogen — 35W maximum. LN-20 BAB (20W) Standard

**FINISH:** Brushed natural copper and brass (Brushed copper will rapidly age to an elegant rich bronze-like color and may develop areas of patina over time.)

**LENS:** Clear or frosted convex glass lens

**DIMENSIONS:** 7" X 2"

**MOUNTING:** ABS ground stake included

### GR2104CSN

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**FINISH:** Natural Copper, Natural Brass, or Olde Brass finish

**LENS:** Frosted, high-impact, polycarbonate lens

**DIMENSIONS:** 2 3/8" X 6 7/8", with lamp 5 1/8"

**MOUNTING:** ABS ground stake included

## VISTA - UP AND ACCENT LIGHTS, BRASS SERIES

**HOUSING:** Machined solid brass

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire lead

**LENS:** Clear or frosted convex glass lens

**WIRING:** Prewired with a three-foot pigtail of 18-2 direct-burial cable and underground connectors for a secure connection to the supply cable

### GR2350BSO

**LAMP TYPE:** MR-16 Halogen — 50W maximum. LN-20 BAB (20W) Standard

**FINISH:** Natural Brass and Olde Brass

**LENS:** Clear or frosted convex glass lens

**DIMENSIONS:** 2 1/2" X 6 3/4"

**MOUNTING:** ABS ground stake included

## VISTA - PATH AND SPREAD FIXTURES, ALUMINUM SERIES

**HOUSING:** Die-cast, copper-free aluminum

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**WIRING:** Prewired with a three-foot pigtail of 18-2 direct-burial cable and underground connectors for a secure connection to the supply cable

**MOUNTING:** Bottom of stem threaded with 1/2" NPT

### PR4704

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**LENS:** Clear, high-impact, polycarbonate lens

**STEM:** 1/2" schedule-40 aluminum pipe with 1/2" NPT

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**DIMENSIONS:** 15 3/4" X 7 3/8"

### PR9206B

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**LENS:** Clear, prismatic, high-impact, polycarbonate spread lens

**STEM:** 1/2" schedule-40 aluminum pipe with 1/2" NPT

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron and White

**DIMENSIONS:** 15 1/2" X 10 1/4" x 6 1/2"

## VISTA - PATH AND SPREAD FIXTURES, ALUMINUM SERIES (CONT.)

**PR4211**

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**LENS:** Clear, high-impact, polycarbonate lens

**STEM:** 1/4" schedule-40 aluminum pipe with 1/2" NPT custom bushing designed with a stress-dispersing collar, to provide strength and stability for mounting

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**DIMENSIONS:** 17 3/4" X 1 5/8" x 4 5/8"

**PR6500**

**LENS:** Clear, high-impact, polycarbonate lens

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**STEM:** 1/4" schedule-40 aluminum pipe with 1/2" NPT custom bushing designed with a stress-dispersing collar, to provide strength and stability for mounting

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**DIMENSIONS:** 2 1/2" X 21", with 6" shade

**PR9216**

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**LENS:** Clear, prismatic, high-impact, polycarbonate spread lens

**STEM:** 1/2" schedule-40 aluminum pipe with 1/2" NPT

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**DIMENSIONS:** 18" X 10" X 6"

**PR7218**

**LENS:** Clear, high-impact, molded, polycarbonate lens

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**DIMENSIONS:** 6 1/4" X 8 1/8"

## VISTA - PATH AND SPREAD LIGHTS, COPPER SERIES

VISTA PROFESSIONAL OUTDOOR LIGHTING

**HOUSING:** Spun solid copper shade with a precision CNC-machined, Twist-to-Lock solid brass lamp base for easy tool-free lamp access

**FINISH:** Brushed natural copper and brass (Brushed copper will rapidly age to an elegant rich bronze-like color and may develop areas of patina over time)

**SOCKET/LAMP HOLDER:** Top grade American-made ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**MOUNTING:** Bottom of stem threaded with 1/2" NPT. Fixture may be mounted into threaded hubs in junction boxes, ground stakes, tree-mount boxes, or floor mounting canopies

**WIRING:** Prewired with a three-foot pigtail of 18-2 direct-burial cable and underground connectors for a secure connection to the supply cable

**PR2165CSN**

**LENS:** Clear, optical grade, Pyrex lens for superior beam spread

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**DIMENSIONS:** 3 3/8" X 16 1/2", with 1 3/8" shade

**STEM:** 1/2" heavy-gauge, extruded, solid copper pipe with 1/2" NPT

PROFESSIONAL OUTDOOR LIGHTING

**GR5240B**

**LENS:** Lens cover ordered separately, but not required

**LAMP TYPE:** PAR-36 — 50W maximum. LN-7558 (20W) Standard

**HOUSING:** Black silicone rubber lamp holder suspended inside a 5" black ABS well

**FINISH:** Black

**SOCKET/LAMP HOLDER:** Socket not required. Fixture supplied with high-temperature rated screw terminal spade connectors

**MOUNTING:** In-grade. Mounting accessories not required

**OPTICS/AIMING:** Adjustable lamp bracket provides up to 25° of tilt as well as 360° rotation of the housing for precise beam control

**DIMENSIONS:** 7 3/4" X 5 3/4"

**GR5270B**

**HOUSING:** Injection-molded, glass-reinforced Ryton™ R4 composite for strength and high UV stability — warranted for ten years against corrosion

**LENS COVER:** Injection-molded, glass-reinforced Ryton™ R4 composite fitted to the housing with a silicone o-ring gasket — providing a superior weather-tight seal

**FINISH:** Available in Black, Verde, Architectural Brick, Light Bronze, Dark Bronze, Granite, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**LENS:** Clear, tempered, shock and heat-resistant, soda-lime glass lens-crowned (convex) to promote water runoff

**LAMP TYPE:** MR-16 Halogen — 50W maximum. LN-20 BAB/FG (20W) Standard

**OPTICS/AIMING:** Adjustable lamp bracket (not available with LED) provides up to 25° of tilt as well as 360° rotation of the housing for precise beam control

**MOUNTING:** In-grade. Conduit mount fixtures have two 3/4" NPT inlets on the bottom

**DIMENSIONS:** 5" X 4 3/4", with 1/4" grate

**GR5272B**

**HOUSING:** Injection-molded, glass-reinforced Ryton™ R4 composite for strength and high UV stability — warranted for ten years against corrosion

**LENS COVER:** Injection-molded, glass-reinforced Ryton™ R4 composite fitted to the housing with a silicone o-ring gasket — providing a superior weather-tight seal

**FINISH:** Available in Black, Verde, Architectural Brick, Light Bronze, Dark Bronze, Granite, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**LENS:** Clear, tempered, shock and heat-resistant, soda-lime glass lens-crowned (convex) to promote water runoff

**LAMP TYPE:** MR-16 Halogen — 50W maximum. LN-20 BAB/FG (20W) Standard

**OPTICS/AIMING:** Adjustable lamp bracket (not available with LED) provides up to 25° of tilt as well as 360° rotation of the housing for precise beam control

**DIMENSIONS:** 5" X 4 3/4"

**MOUNTING:** In-grade

## VISTA - SPECIALTY LIGHTS

**HOUSING:** Die-cast, copper-free aluminum

**SHROUD:** Die-cast, copper-free aluminum fitted to the housing with a silicone o-ring gasket — providing a superior weather-tight seal

**SOCKET/LAMP HOLDER:** Top grade American-made ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**WIRING:** Prewired with a three-foot pigtail of 18-2 SPT1 UV-resistant cable and weather-resistant connectors for a secure connection to the supply cable

**HT2238**

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**LENS:** Clear, tempered, shock and heat-resistant, soda-lime glass lens

**LAMP TYPE:** MR-16 Halogen — 35W maximum. LN-20 BAB (20W) Standard

**MOUNTING:** Solid brass loop with 6' stainless steel cable-hanger included

**DIMENSIONS:** 2 1/4" X 4 3/4"

**DL2237**

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**LENS:** Clear, tempered, shock and heat-resistant, soda-lime glass lens

**LAMP TYPE:** MR-16 Halogen — 35W maximum. LN-20 BAB (20W) Standard

**MOUNTING:** Adjustable bracket and J-box included

**DIMENSIONS:** 6 3/4" X 2 1/4"

## VISTA - UNDERWATER LIGHTS

**UW4217**

**HOUSING:** Injection-molded Noryl polymer

**LENS COVER:** Injection molded, polycarbonate lens fitted to the housing with a silicone o-ring gasket — providing a superior watertight seal

**FINISH:** Available in black only

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**LENS:** Clear, prismatic spread lens with removable mirror-finish reflector to block up light and provide wider horizontal spread

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard, High Output LED with Vista exclusive smart driver, powered to operate for 50,000 hours

**MOUNTING:** Internally weighted base for stable placement underwater

**WIRING:** Prewired with a 15-foot pigtail of 18-3 double jacketed, water-resistant cable including a green ground wire

**DIMENSIONS:** 5 3/4" X 4 3/4"

VISTA PROFESSIONAL OUTDOOR LIGHTING

**UW5217**

**HOUSING:** Injection-molded, glass-reinforced Ryton™ R-4 composite for strength and high UV stability — warranted for ten years against corrosion

**LENS COVER:** Injection molded, polycarbonate lens fitted to the housing with a silicone o-ring gasket — providing a superior watertight seal

**FINISH:** Available in black only

**LAMP TYPE:** MR-16 Halogen – 50W maximum. LN-20 BAB/FG (20W) Standard

**MOUNTING:** Fully adjustable mounting bracket, to provide precise light aiming, mounted on a cement counter weight base for stable placement under water

**WIRING:** Prewired with a fifteen-foot pigtail of 18-3 double jacketed, water resistant cable including a green ground wire

## VISTA - STEP AND BRICK LIGHTING

**SL4242**

**HOUSING:** Stamped and formed aluminum recessed box

**COVER PLATE:** Die-cast, copper-free, aluminum fitted to the recessed box with UV-resistant weather stripping— providing a superior weather-tight seal

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**LENS:** Clear, high-impact, polycarbonate lens

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**MOUNTING:** Recessed mounting box with easy-to-align system included

**DIMENSIONS:** 4 3/4" X 2 7/8"

**SL4243**

**HOUSING:** Die-cast, copper-free, aluminum housing

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**LENS:** Frosted, tempered, shock and heat-resistant soda-lime glass lens

**LAMP TYPE:** T3 — 20W maximum. LN-10 T3 Halogen (10W) Standard

**MOUNTING:** Surface mounting plate included, no recessed box required

**DIMENSIONS:** 3 1/4" X 1 7/8"

**SL4246**

**HOUSING:** Copper free, stamped and formed aluminum recessed box with 1/2" knockouts on the back and side

**COVER PLATE:** Die-cast, copper-free, aluminum fitted to the recessed box with UV-resistant weather stripping— providing a superior weather-tight seal

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**SOCKET/LAMP HOLDER:** Top grade ceramic socket with nickel contacts, stainless steel springs, and Teflon-jacketed wire leads

**LENS:** Clear, high impact, polycarbonate lens

**LAMP TYPE:** T3 (x 2) — 20W maximum. LN-10 T3 Halogen (10W) Standard

**MOUNTING:** Recessed mounting box included

**DIMENSIONS:** 9 1/8" X 2 7/8"

**SL4260**

**CHASSIS:** Stainless Steel

**FLANGE PLATE:** Stainless Steel

**HOUSING:** Aluminum, Stainless Steel, Brass, or Copper

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**SOCKET/LAMP HOLDER:** Top grade Noryl polymer socket with phosphor bronze contacts and PVC-jacketed wire leads. Stainless steel lamp holder

**LAMP TYPE:** LN-10 T3.5 (10W) Standard. 10W Max

PROFESSIONAL
OUTDOOR LIGHTING

## ACCESSORIES

(not all accessories available for all fixtures)

GS150 — 9" black ABS in-ground stake with 1/2" NPT hub

TM150 — Tree mount junction box, black or bronze finish

| Optical Effects Lenses | RL — Flat red lens |
|---|---|
| BL — Flat cool blue lens | YL — Flat amber lens |
| SL — Flat spread lens | HL — Honeycomb louver |
| FR — Flat frosted lens | CX — Convex clear lens |
| DBL — Flat dark blue lens | CFR — Convex frosted lens |
| GL — Flat dark green lens | CBL — Convex cool lens |

# VISTA - TRANSFORMERS

## MT STAINLESS STEEL MULTI-TAP SERIES

Stainless steel, custom-designed, weathertight casing seals components from moisture and debris. Vista's Smudge-Free clear powder-coat ensures a like-brand-new look for years to come.

- Take-apart stainless steel hinges for easy door removal allowing greater access during installation
- Water-resistant weatherstripping around door seal
- Easy to read instructions mounted inside door
- Magnetic overload circuit breakers for reliable automatic circuit protection under all conditions. A rocker switch may also be used for manual on/off switching
- Over-sized wiring compartment makes cable installation easy
- Extra-large terminal strip for multiple low voltage cable connections
- Separate accessory terminal strip for easy installation of optional photo-cell, motion sensor, or other external switching devices
- 6', heavy-gauge, grounded, water-resistant power cord with integrally molded plug
- 120-volt Accessory receptical for use with optional, removable multi-setting mechanical 24-hour timer or electronic/digital 7-day timer (with battery back-up)
- Secondary voltage: 11, 12, 13, 14 and 15 volts
- Lockable, stainless steel latch can be secured to prevent tampering
- Discrete louvered vents in the rear and sides of the cabinet maintain a cool operating temperature
- 120-volt terminal strip for easy hardwiring
- UL Listed to U.S. and Canadian safety standards for landscape lighting transformers (UL 1838)
- Pool and Spa Ready — Suitable for Use with Submersible Luminaires or Submersible Pumps

## TRANSFORMER ACCESSORIES

FPC170 — Vista Photo Cell swivel mount

FPC150 — Vista Photo Cell swivel mount with wiring harness

PROFESSIONAL
OUTDOOR LIGHTING

## ES-150 LANDSCAPE SERIES

**EXTERIOR CONSTRUCTION:** 20-gauge polished, top-grade domestic, 304 stainless steel

**FINISH:** Polyester powder-coated finish available in Black, Verde, Architectural Brick, Architectural Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White

**TRANSFORMER CHARACTERISTICS:** Available Power Rating: 150 Watts
Primary Voltage: 120 Volts
Secondary Voltage: 12 and 15 Volts

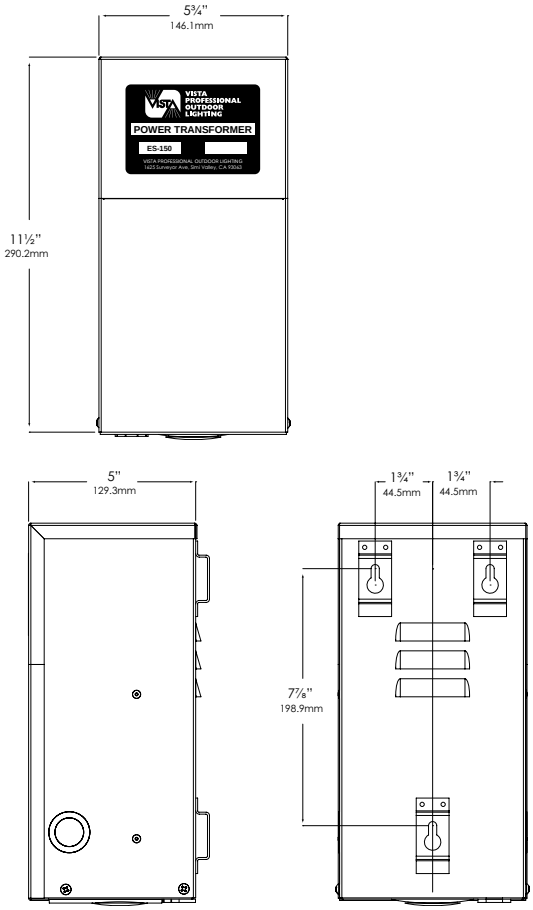
**PRIMARY PROTECTION:** Auto thermal shut-off

**SECONDARY PROTECTION:** Resetable high performance magnetic circuit breaker

**TERMINALS:** Extra-large terminal strip for multiple low voltage cable connections

**CERTIFICATION:** UL Listed to U.S. safety standards for general purpose transformers (UL 1838)

### DIMENSIONS:




## V-PRO

The new vPRO Transformers are low profile, light weight, stainless steel and utilize solid-state technology. A proprietary, downloadable app allows the transformer to be controlled by any Bluetooth® enabled device.

- Low profile, light weight, stainless-steel enclosure
- Ease of handling and installation flexibility
- Solid-state technology
- Downloadable app allows control by any Bluetooth® enabled device
- User-friendly interface for fast, easy set up
- Astronomic programming with multiple on/off and dimming
- Smooth dimming from full bright to off
- On-the-fly override for all control aspects
- Self-adjusting voltage and current reductions to protect against overload; no breakers to reset
- Available in single or double circuits; double circuit dimming individually addressable
- Multiple wattage options from 75 to 500
- Selectable voltage adjustment (12V or 15V)
- Outdoor/indoor rated
- Password protected
- American made

| MODEL | DESCRIPTION |
|---|---|
| VP-75 | Solid State Universal Power Supply 75W Single Circuit |
| VP-150 | Solid State Universal Power Supply 150W Single Circuit |
| VP-250 | Solid State Universal Power Supply 250W Single Circuit |
| VP-75X2 | Solid State Universal Power Supply 150W w/ Dual 75W Circuits |
| VP-150X2 | Solid State Universal Power Supply 300W w/ Dual 150W Circuits |
| VP-250X2 | Solid State Universal Power Supply 500W w/ Dual 250W Circuits |

# GET EDUCATED & GET THE EDGE ON YOUR COMPETITORS

## LITE

***Lighting Institute of Technology & Education***

- Industries' leading contractor training and education certification program.
- Contractors will receive certification for:
  **Intelli-System:** Save energy & wire with this low-energy-use, "green" low-voltage lighting system
  **Power Management System:** Maximize proper voltage distribution, consolidate and protect wire connections.
  **Contractor Referral Program:** Qualified Certified contractors will be added to a referral directory accessible by SDSP participants, Developers, Builders, Homeowners, etc.
- Certified Contractors will have access to SDSP services.

## SDSP

***Specification & Design Support Program***

- Industries' leading CAD design training, education & support program.
- Lighting Designers will become more "Green" by learning to design with the Intelli-System & Power Management System to create energy efficient, sustainable and cost-effective lighting designs
- Lighting Designers will receive directory of LITE Certified contractors in their area.

## *Green Light*

***Energy Conscious Outdoor Lighting Systems***

- Incorporates the use of 24V Low Voltage Lighting Systems with low wattage, long lasting lamps; including replaceable LED lamps.
- More efficient wiring techniques designed to save energy, time & materials.
- Incorporates more flexible glare control techniques for Dark Sky Compliance.

***Call your local Unique Lighting Systems, Inc. sales representative for more info today!***

Unique Lighting Systems, Inc. 1240 Simpson Way Escondido, CA 92029 (800) 955-4831 www.uniquelighting.com

# UNIQUE
LIGHTING SYSTEMS®

| STANDARD UNIQUE FINISHES: | | | |
|---|---|---|---|
| **WB** | Weather wBrass | **WH** | White |
| **NB** | Natural Brass | **BK** | Black |
| **TT** | Tucson Tan | **VG** | Verde Green |
| **BZ** | Bronze | | |

## PULSAR

Equipped with four designer lenses, 25' of #16/2 low voltage wire and a Lifetime Warranty the Pulsar is perfect no matter how difficult the challenge..

**CONSTRUCTION:** Cast Brass

**KNUCKLE:** Cast Brass, Adjustable with Machined Natural Brass
Thumb Screw

**SOCKET:** Beryllium Copper, pre-greased

**SHROUD:** Lock and Load, 360 Rotation, 8 Settings

**FINISH COAT:** Poly-Thermal Shield

**MOUNTING:** Brown Fusion Stake, Orbital Lock Nut

**WIRE:** 25', 16/2 THW UV Brown

**LAMP:** MR-16

| Product Code | Description |
|---|---|
| PULS-NL | Pulsar, No Lamp |

## The Power of the Demo

Unique Lighting Systems has developed the ultimate sales tool for the landscape lighting professional. This round the clock sales tool allows the homeowner the opportunity to enjoy the beautiful effects of their well lit landscaped home before making their final decision. The demo kit sets up in minutes and comes equipped with everything you need for a lighting presentation.

**Features and Benefits of the Demo Kit include:**

- Plug and light. Simply plug in transformer and connect the homerun wires to the hubbed fixtures
- Unique's exclusive system ensures proper voltage to every fixture every time
- Quick connects make for speedy set-up and take down. No more wire stripping
- Features Unique's Multi-Matic transformer and Equalizer Hub wiring
- Allows you to set up 16 lights in under 15 minutes
- Helps you sell landscape lighting while allowing you to work on all types of lighting techniques
- Establish VALUE by giving the homeowner a visual of what a professionally installed landscape lighting job looks like, in turn helping you close the sale

Contact your local Horizon store to get your demo kit!

# UNIQUE LIGHTING SYSTEMS®

## STARBURST

This fixture features an unprecedented dual socket mount system allowing you to install a vertical MR16 for directional up-lighting or a horizontal T-3 lamp for wall washing if necessary.

**CONSTRUCTION:** Cast Brass

**SOCKET:** Beryllium Copper, pre-greased

**FINISH COAT:** Poly-Thermal Shield

**KNUCKLE:** Cast Brass Adjustable with Machined Natural Brass Thumb Screw

**MOUNTING:** Brown PVC Gravity Stake

**WIRE:** 25', 16/2 THW UV Brown

**LAMP:** MR-16, T-3

**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| STAR-NL | Starburst, No Lamp Included |

## STELLAR

A miniature version of the Starburst, the Stellar mini wall washer is a powerful fixture. Featuring a small die cast brass body, this undersized power house is able to illuminate planter areas, short retaining walls, step landings or any other area needing a soft glow. Advance applications include under eaves or second story level lighting*.

*(Round Mounting Base needed when installing the Stellar on a surface mount application.)

**CONSTRUCTION:** Cast Brass

**SOCKET:** Beryllium Copper, pre-greased

**FINISH COAT:** Poly-Thermal Shield

**KNUCKLE:** Cast Brass Adjustable with Machined Natural Brass Thumb Screw

**MOUNTING:** Brown PVC Gravity Stake

**WIRE:** 25', 18/2 THW UV Brown

**LAMP:** T-3

**VOLTAGE:** 12 volt

**MAXIMUM WATTAGE:** 20 Watts

| Product Code | Description |
|---|---|
| VALC-NL | Valor , No Lamp |

## VALOR

Stake Mounted Up Light.

**CONSTRUCTION:** Precision formed from brass

**GASKET:** High temperature silicone o-ring (2) for water-tight seal

**KNUCKLE:** Machined brass knuckle with a solid brass adjustable thumb screw

**SHROUD:** Precision formed and comes with a factory sealed shock resistant tempered glass lens to prevent water intrusion

**LAMP:** MR-16

| Product Code | Description |
|---|---|
| STEL-NL | Stellar, No Lamp |

## GUARDIAN

The Guardian offers style and function without compromise. Its sleek straight lines and dual gasket shroud feature make the Guardian an essential fixture when lighting queen palms, trees, columns or any other tall structure. Equipped with a clear convex lens, 25' of #16/2 low voltage wire and a 15 Year Warranty the Guardian is a perfect choice.

**CONSTRUCTION:** Natural Copper

**KNUCKLE:** Cast Brass, Adjustable

**SOCKET:** Beryllium Copper, pre-greased

**FINISH COAT:** Poly-Thermal Shield

**MOUNTING:** Brown PVC Gravity Stake

**WIRE:** 25', 16/2 THW UV Brown

**LAMP:** MR-16

**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| GUAR-NL | Guardian, No lamp |

# Outdoor Living

UNIQUE
LIGHTING SYSTEMS®

## UNIQUE - UP AND ACCENT LIGHTS (CONT.)

### INTREPID

Sleek straight lines, rotatable shroud feature make the Intrepid an essential fixture when lighting palms, trees, columns or other tall structures. The Intrepid can be also utilized for back lighting, graze lighting, shadow lighting or simply as a directional up light.

**CONSTRUCTION:** Brass
**FINISH:** Weathered Brass
**SHROUD:** 360° Rotation, O-Ring
**WIRE:** 16/2 Thin UV Brown
**SOCKET:** Beryllium Copper, pre-greased
**LAMP:** MR16
**LENS:** Clear Convex Tempered Lens, Designer lens kit
**MOUNTING:** Gravity Stake with Orbital Lock Nut 1/2-14 NPSM
**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| INTR-NL | Intrepid, no lamp |

## UNIQUE - IN GROUND AND WELL LIGHTS

### F100/F200

Unique Lighting carries a full line of powerful in-ground well lights ranging from to F100 to the F200. The F-200 uses a PAR 36 35W wide flood lamp to cast an ample beam spread against any landscape element. Its dual cut body allows for surface flush or angled installation options. The featured patented stainless steel gimble ring holds the lamp in place while allowing vertical and horizontal adjustments within the ABS body.

### ABS COMPOSITE WELL LIGHTS

| Product Code | Description |
|---|---|
| F200-12-35 | Well Light, ABS Composite, Stainless Steel Gimble Ring, 25' Wire Lead and 35W PAR 36 Halogen WFL |

### PVC COMPOSITE WELL LIGHTS

| Product Code | Description |
|---|---|
| F100-12-35 | Well Light, PVC Composite, Rubber Gimble Ring, Grate, 25' Wire Lead and 35W PAR 36 Halogen WFL |

## UNIQUE - PATH AND SPREAD FIXTURES

### CENTAURUS4/CENTAURUS6

The Centaurus offers soft level lighting with an elegant look. The frosted cylindrical lens minimizes glare. The Centaurus is ideal for planter areas, walkways etc.

**CONSTRUCTION:** Cast and Stamped Solid Brass
**FINISH:** Weathered Brass (optional finishes available)
**MAXIMUM WATTAGE:** 20 Watts
**SHROUD:** Reflective Powder Coat Interior
**WIRE:** 25' Intelli-Flex wire factory connected
**SOCKET:** Beryllium Copper, pre-greased with silicon
**CONNECTIONS:** Anti-Moisture Migration connections
**LENS:** Frosted Lens
**MOUNTING:** Stabilizer Stake 1/2-14NPSM
**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| C4-NL | Centaurus4, No lamp |
| C6-NL | Centaurus6, No lamp |

# UNIQUE LIGHTING SYSTEMS®

## ILLUMINATOR4/ILLUMINATOR6

The frosted cylindrical lens minimizes glare while the T-3 lamp provides sufficient light to cast soft glows on any path or walking area. Ideal for walkways, the Illuminator is also perfect for small planter areas in need of light.

**CONSTRUCTION:** Natural Copper Housing with Machined Brass Collar

**SHROUD:** Rotating Height Adjustment Settings

**SOCKET:** Beryllium Copper, pre-greased

**FINISH:** Poly-Thermal Shield

**MOUNTING:** Brown PVC Stabilizer Stake

**WIRE:** 25', 18/2 THW UV Brown

**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| I4-NL | Illuminator4, No lamp |
| I6-NL | Illuminator6, No lamp |

## LANCER4 / LANCER6

The Lancer offers soft level lighting with an elegant look. The frosted cylindrical lens minimizes glare while the T-3 lamp provides sufficient light to cast soft glows on any path or walking area. The Lancer is ideal for planter areas, walkways etc. The adjustable collar gives maximum design flexibility by creating multiple levels of light with one fixture.

**CONSTRUCTION:** Cast and Stamped Solid Brass

**FINISH:** Weathered Brass (optional finishes available)

**MAXIMUM WATTAGE:** 20 Watts

**SHROUD:** Reflective Powder Coat Interior

**WIRE:** 25' Intelli-Flex wire factory connected

**SOCKET:** Beryllium Copper, pre-greased with silicon

**CONNECTIONS:** Anti-Moisture Migration connections

**LENS:** Frosted Lens

**MOUNTING:** Stabilizer Stake 1/2-14NPSM

**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| L4-NL | Lancer4, No lamp |
| L6-NL | Lancer6, No lamp |

## SATURN

Saturn offers soft level lighting with an elegant look. Ideal for walkways, the Saturn is also perfect for when planter areas need lighting. The adjustable settings give maximum design flexibility by creating numerous beam spreads with one fixture.

**CONSTRUCTION:** Spun Brass with Machined Brass Collar

**SHROUD:** Adjustable Height Settings

**SOCKET:** Beryllium Copper, pre-greased

**FINISH COAT:** Poly-Thermal Shield

**MOUNTING:** Brown PVC Stabilizer Stake

**WIRE:** 25', 18/2 THW UV Brown

**VOLTAGE:** 12 and 24-volt

| Product Code | Description |
|---|---|
| SA-NL | Saturn, No Lamp |

## CAMBRIDGE

The Cambridge offers soft level lighting with an elegant look. Provides sufficient light to cast soft glows on any path or walking area. Ideal for walkways, the Cambridge is also perfect for when planter areas need lighting. The adjustable settings give maximum design flexibility by creating numerous beam spreads with one fixture.

**CONSTRUCTION:** Natural Copper with Machined Brass Collar

**SHROUD:** Adjustable Height Settings

**SOCKET:** Beryllium Copper, pre-greased

**FINISH COAT:** Poly-Thermal Shield

**MOUNTING:** Brown PVC Stabilizer Stake

**WIRE:** 25', 18/2 THW UV Brown

**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| CM-NL | Cambridge, No Lamp |

## UNIQUE - DOWN LIGHT

UNIQUE LIGHTING SYSTEMS®

### CONQUEST

The Conquest is perfect for downlighting with a 360° rotational shroud for glare control. The adjustable brass knuckle allows for perfect directional control.

**CONSTRUCTION:** Brass
**FINISH:** Weathered Brass (optional finishes available)
**SHROUD:** 360° Rotation, O-Ring
**KNUCKLE:** Adjustable With Thumbnut
**WIRE:** 25' Intelli-Flex wire factory connected
**SOCKET:** Beryllium Copper, pre-greased
**CONNECTIONS:** Anti-Moisture Migration connections
**MOUNTING:** Brass Mounting Bracket
**VOLTAGE:** 12 volt

**15 Year Warranty**

| Product Code | Description |
|---|---|
| CONQ-NL | Conquest, No Lamp |

## UNIQUE - STEP/BRICK

### GEMINI

Perfect for gracing niche surface areas, the Gemini offers a half dome lock and load cover directing parallel light output while concealing all mounting hardware. It's frosted designer lens softens the beam spread to create a warm glow while still powerful enough to provide safety and security.

**CONSTRUCTION:** Cast Brass
**SOCKET:** Beryllium Copper, pre-greased
**SHROUD:** Lock and Load, Fully Rotatable
**FINISH COAT:** Poly-Thermal Shield
**MOUNTING:** Screws and Anchors/Surface Mount
**WIRE:** 25', 18/2 THW UV Brown
**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| GEMI-NL | Gemini, No Lamp |

### VOYAGER8

The Voyager 8 is a classic recessed step light. Perfect to illuminate stairs, benches, short retaining walls and other niche locations, The Voyager 8 can be ordered with a louvered, open or hooded faceplate to direct and spread light to the intended area.

**CONSTRUCTION:** Cast Brass Faceplate and Injection Molded, Fully Potted Mount Box
**SOCKET:** Beryllium Copper, pre-greased
**SHROUD:** Louver, Open or Hooded (please specify)
**FINISH COAT:** Poly-Thermal Shield
**MOUNTING:** Screws and Anchors
**WIRE:** 25', 18/2 THW UV Brown
**VOLTAGE:** 12 volt

| Product Code | Description |
|---|---|
| VO8L- NL | Voyager8, No Lamp |

### VOYAGER5

A smaller version of the Voyager 8, the Voyager 5 is perfect to illuminate stairs, benches, short retaining walls and other niche locations. The Voyager 5 can be ordered with a louvered, open or hooded faceplate to direct and spread light to the intended area.

**CONSTRUCTION:** Cast Brass Faceplate and Injection Molded, Fully Potted Mount Box
**SOCKET:** Beryllium Copper, pre-greased
**SHROUD:** Louver, Open or Hooded (please specify)
**FINISH COAT:** Poly-Thermal Shield
**MOUNTING:** Screws and Anchors
**WIRE:** 25', 18/2 THW UV Brown
**MAXIMUM WATTAGE:** 20 Watts
**VOLTAGE:** 12 volt

**Lifetime Warranty**

| Product Code | Description |
|---|---|
| VO5L | Voyager5, No Lamp |

### SOVEREIGN

The Sovereign is a step beyond the normal recessed step light. Perfect to illuminate stairs, benches, short retaining walls and other niche locations. The Sovereign pane and louvered cover direct and spread light to the intended area. The mounting box secures the fixture while still allowing face plate adjustments.

**CONSTRUCTION:** Brass Faceplate/Composite Box
**FINISH:** Weathered Brass
**FACE PLATE:** Louver with Level Adjustment Plate
**WIRE:** 25' Intelli-Flex wire factory connected and potted
**CONNECTIONS:** Fully potted
**MOUNTING:** Recessed
**VOLTAGE:** 12 volt

**15 Year Warranty**

| Product Code | Description |
|---|---|
| S5FL-NL | Sovereign 5 — 6" |
| S8FL-NL | Sovereign 8 — 9.5" |

# WHAT SETS US APART

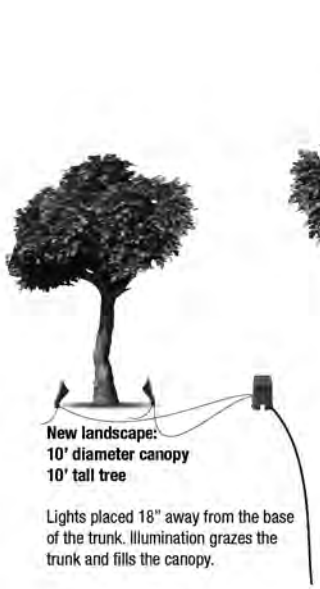
## The Hub System

For over 20 years Unique Lighting Systems® has provided leadership and distinguished itself as innovators in the low voltage lighting industry. Our patented HUB system sets the benchmark within the industry and continues to be the best solution for saving time and money.

Wire connections are the weakest point of any low voltage installation and are susceptible to wicking and water infiltration. Utilizing the HUB installation method will reduce the number of connections by up to 80% versus standard wiring methods. This means less maintenance, less lamp outages and easier troubleshooting. In addition the HUB method utilizes less wire and saves money.

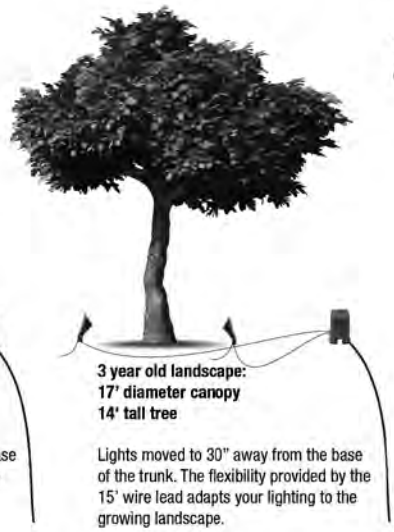
Flexibility is essential as landscape continues to grow and change over time. The Elements™ Series features an auxiliary 12" wire lead, in addition to the 15' wire lead, on most fixtures. The new 12" *FLEX™* Auxiliary Lead enables unmatched flexibility and makes expansion easy as trees grow and landscape develops.

**Expansion is easy as your landscape grows and changes. The ability to move and add fixtures is easier and faster with the standard 15' wire lead and 12" *FLEX™* Auxiliary Lead.**



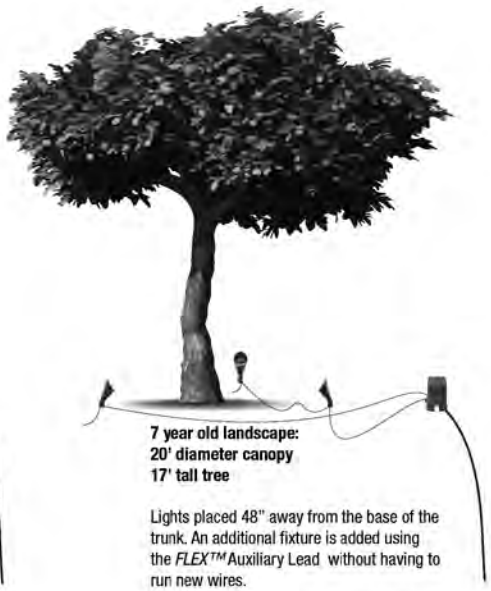
**New landscape:**
**10' diameter canopy**
**10' tall tree**

Lights placed 18" away from the base of the trunk. Illumination grazes the trunk and fills the canopy.



**3 year old landscape:**
**17' diameter canopy**
**14' tall tree**

Lights moved to 30" away from the base of the trunk. The flexibility provided by the 15' wire lead adapts your lighting to the growing landscape.



**7 year old landscape:**
**20' diameter canopy**
**17' tall tree**

Lights placed 48" away from the base of the trunk. An additional fixture is added using the *FLEX™* Auxiliary Lead without having to run new wires.

# UNIQUE LIGHTING SYSTEMS®

## PHOTON

The Photon® fixture is designed primarily as an uplight. Due to its smaller size, this fixture is ideal for acheiving an elegant lighting effect in small, tight spaces.

- Marine grade A360 alloy construction
- 15' hub-ready wire lead
- 12" *FLEX*™ Auxiliary Lead
- Composite stake with molded brass threaded insert
- Available in shrouded and non-shrouded version
- Dual silicone o-ring seal
- Accepts Unique's *FLEX*™ Series LED MR11 lamps or halogen lamps

**DIMENSION:** • 2.25" diameter x 6.25" length
• 2" diameter x 4.75" length

### FIXTURE ORDERING INFORMATION

**Example: PHOS-NL-BK (Photon Shrouded, No Lamp, Black)**

| Model Name | Wattage | Finish |
|---|---|---|
| PHOS = Shrouded | NL = No Lamp | BK = Black |
| PHOT = No Shroud | | BZ = Bronze |
| | | TT = Tuscan Tan |

## NUCLEUS

The Nucleus® fixture is designed to illuminate shrubs, trees, signage, archetectural facades and more.

- Marine grade A360 alloy construction
- 15' hub-ready wire lead
- 12" *FLEX*™ Auxiliary Lead
- Composite stake with molded brass threaded insert
- Available in shrouded and non-shrouded version
- Dual silicone o-ring seal
- Accepts Unique's *FLEX*™ Series LED MR16 lamps or halogen lamps

**DIMENSION:** • 3.3" diameter x 6.8" length
• 2.75" diameter x 4.72" length

### FIXTURE ORDERING INFORMATION

**Example: NUCL-NL-BK (Nucleus Shrouded, No Lamp, Black)**

| Model Name | Wattage | Finish |
|---|---|---|
| NUCS = Shrouded | NL = No Lamp | BK = Black |
| NUCL = No Shroud | | BZ = Bronze |
| | | TT = Tuscan Tan |

## GAMMA RAY

The Gamma Ray® fixture is economically priced yet maintains Unique's high standards of quality components, superior finishes, and lasting performance - making it the perfect selection for any value engineered project.

- Marine grade A360 alloy construction
- 3' wire lead
- Composite stake with molded brass threaded insert
- Available in shrouded version
- Silicone o-ring seal
- Accepts Unique's *FLEX*™ Series LED MR16 lamps or halogen lamps

**DIMENSION:** 2.5" diameter x 6.7" length

### FIXTURE ORDERING INFORMATION

**Example: GAMS-NL-BK (Gamma Ray Shrouded, No Lamp, Black)**

| Model Name | Wattage | Finish |
|---|---|---|
| GAMS = Shrouded | NL = No Lamp | BK = Black |
| | | BZ = Bronze |
| | | TT = Tuscan Tan |

## ORBITAL

The Orbital® fixture is designed to mimic the soft, inviting glow of moonlight. The installation height of these fixtures allows their illumination to expand broadly across outdoor areas and gently sway with the wind, casting suble shadows just as natural light would.

- Marine grade A360 alloy construction
- Hangs from 15' hub-ready wire lead
- 12" *FLEX*™ Auxiliary Lead
- Silicone o-ring seal
- Petite 5" height
- Accepts Unique's *FLEX*™ Series LED MR11 lamps or halogen lamps

**DIMENSION:** 3.03" diameter x 4.92" height

### FIXTURE ORDERING INFORMATION

**Example: ORBI-NL-BK (Orbital Shrouded, No Lamp, Black)**

| Model Name | Wattage | Finish |
|---|---|---|
| ORBI | NL = No Lamp | BK = Black |
| | | BZ = Bronze |

# UNIQUE LIGHTING SYSTEMS®

## PROTON

The Proton® fixture features a five inch shroud and is the perfect selection for every intimate garden space, planter area or pathway.

- Marine grade A360 alloy construction
- 15' hub-ready wire lead
- 12" *FLEX*™ Auxiliary Lead
- Larger composite stake with molded brass threaded insert
- White reflection panel under shroud for greater luminence
- Available in 12" and 18" stem lengths
- Borosilicate glass lense
- Accepts Unique's *FLEX*™ Series LED T3 lamps or halogen lamps

**DIMENSION:** 5" diameter x 15" or 21" height

### FIXTURE ORDERING INFORMATION

**Example: PR18-NL-BK (Proton 18" Stem, No Lamp, Black)**

| Model Name | Wattage | Finish |
|---|---|---|
| PR18 = 18" Stem | NL = No Lamp | BK = Black |
| PR12 = 12" Stem | | BZ = Bronze |
| | | TT = Tuscan Tan |

## NEUTRON

The Neutron® features a larger seven inch shroud to further increase spread performance. It is perfect for pathways, area lighting or planters.

- Marine grade A360 alloy construction
- 15' hub-ready wire lead
- 12" *FLEX*™ Auxiliary Lead
- Larger composite stake with molded brass threaded insert
- White reflection panel under shroud for greater luminence
- Available in 12" and 18" stem lengths
- Borosilicate glass lense
- Accepts Unique's *FLEX*™ Series LED T3 lamps or halogen lamps

**DIMENSION:** 7" diameter x 15" or 21" height

### FIXTURE ORDERING INFORMATION

**Example: NU18-NL-BK (Neutron 18" Stem, No Lamp, Black)**

| Model Name | Wattage | Finish |
|---|---|---|
| NU18 = 18" Stem | NL = No Lamp | BK = Black |
| NU12 = 12" Stem | | BZ = Bronze |
| | | TT = Tuscan Tan |

## ISO

The ISO® fixture is designed for hardscaping installations. It will beautifully illuminate a stone wall, an outdoor bar area or deck.

- 18 guage AL 1060 aluminum sheet
- 6' wire lead
- Available with 2700K or 3000K integrated LEDs
- 40,000 hour LED lifespan
- Easily retrofit with two bendable tabs to secure in place
- Slim 1/2" construction will tuck into any ledge or cantilever
- LED compartment is sealed and water resistant
- Black or bronze powder coat finish

**DIMENSION:** 5.875" wide x 2.75" length x .5" height

### FIXTURE ORDERING INFORMATION

**Models**

IS6-LED-27k-BK
IS6-LED-30k-BK
IS6-LED-27k-BZ
IS6-LED-30k-BZ

## LIGHTING

UNIQUE
LIGHTING SYSTEMS®

### INTELLIHUB (INTELLIHUB)

The Intelli-Hub™ is the ultimate In-Line fuse protected wiring system

Includes a replaceable 10, 15 and three 20 Amps fuses allowing you to size the fuse according to load or wire size, thus making troubleshooting accessible, convenient and fast. Includes two Intelli-Connect lugs with greased tubes and five In-Line fuse.

### SATELLITE HUB (SHUB)

The Hub System ensures proper voltage distribution and can be used with one or more fixtures.

The Satellite Hub includes three barrel lugs with lithium greased caps and a In-Line 20 amp fuse. The dark brown housing blends discreetly for above or below ground installation.

### LUGNUT

Brass Lug Nut

## UNIQUE - TRANSFORMERS

UNIQUE
LIGHTING SYSTEMS®

### MULTI-MATIC TRANSFORMERS

The MULTI-MATIC compensates for voltage drop by allowing the contractor to select from up to eight different voltage taps (12, 13, 14, 15, 16, 17, 18, 20 and 22-volt). This allows the contractor to customize the voltage for each individual run. It's like having eight different transformers in one. With this exclusive feature you may have wire runs up to 800' instead of the traditional short runs of 100' or less, and still get 12-volts to the fixture.

| Product Code | Description | Finish |
|---|---|---|
| 360SSSLWB | 360 W 12, 13, 14, and 15-volt | Weathered Brass |
| 600SSSLWB | 600 W 12, 13, 14, 15, 16, and 17-volt | Weathered Brass |
| 840SSSLWB | 840 W 12, 13, 14, 15, 16, 18 and 20-volt | Weathered Brass |
| 1120SSSLWB | 1120 W 12, 13, 14, 15, 16, 18, 20 and 22-volt | Weathered Brass |
| 200SSSLLEDWB | 200 W 12 and 15-volt | Weathered Brass |
| 300SSSLLSWB | 300 W 12 and 15-volt | Weathered Brass |

### ACCESSORIES

| Product Code | Description |
|---|---|
| SNPC2 | Unique Snap-in Photo Cell |

UNIQUE
LIGHTING SYSTEMS®

## Unique Lighting FLEX™ Series LED Lamps

| Part Number | Description | Volts | Type | Lumen | CCT | Watts | Lifespan | Beam Spread | Distribution | Volt Amps | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **2700K** | | | | | | | | | | | |
| LED-2W-M1FL27K-12 | MR11, 2W, 2700K, flood, 12V | 12 | MR11 | 110 | 2700K | 2 | 40,000 | 30 | Flood | 3.2 | $ 42.00 |
| LED-2W-T327K-12-WR | T3, 2W, 2700K, 12V Water Resistant | 12 | T3 WR | 132 | 2700K | 2.4 | 40,000 | NA | NA | 3.0 | $ 40.50 |
| LED2-3W-M6FL27K | MR16, 3W, 2700K, flood, 12V | 12 | MR16 | 150 | 2700K | 3 | 40,000 | 40 | Flood | 4.9 | $ 37.25 |
| LED2-3W-M6WF27K | MR16, 3W, 2700K, wide flood, 12V | 13 | MR16 | 150 | 2700K | 3 | 40,000 | 60 | Flood | 4.9 | $ 37.25 |
| LED2-4W-M6FL27K | MR16, 4W, 2700K, flood, 12V | 12 | MR16 | 220 | 2700K | 4 | 40,000 | 40 | Flood | 5.5 | $ 44.75 |
| LED2-4W-M6SP27K | MR16, 4W, 2700K, spot, 12V | 12 | MR16 | 220 | 2700K | 4 | 40,000 | 15 | Spot | 5.5 | $ 44.75 |
| LED2-4W-M6WF27K | MR16, 4W, 2700K, wide flood, 12V | 12 | MR16 | 220 | 2700K | 4 | 40,000 | 60 | Wide Flood | 5.5 | $ 44.75 |
| LED-4W-M6FL27K-24 | MR16, 4W, 2700K, flood, 24V | 24 | MR16 | 190 | 2700K | 4 | 40,000 | 34 | Flood | 5.5 | $ 50.00 |
| LED-4W-M6SP27K-24 | MR16, 4W, 2700K, spot, 24V | 24 | MR16 | 190 | 2700K | 4 | 40,000 | 11 | Spot | 5.5 | $ 50.00 |
| LED-5W-M6FL27K-12 | MR16, 5W, 2700K, flood, 12V | 12 | MR16 | 250 | 2700K | 5 | 40,000 | 39 | Flood | 6.6 | $ 60.50 |
| LED-5W-M6FL27K-24 | MR16, 5W, 2700K, flood, 24V | 24 | MR16 | 250 | 2700K | 5 | 40,000 | 39 | Flood | 6.6 | $ 66.00 |
| LED2-6W-M6FL27K | MR16, 6W, 2700K, flood, 12V | 12 | MR16 | 350 | 2700K | 6 | 40,000 | 40 | Flood | 6.9 | $ 87.75 |
| LED2-6W-M6SP27K | MR16, 6W, 2700K, spot, 12V | 12 | MR16 | 350 | 2700K | 6 | 40,000 | 15 | Spot | 6.9 | $ 87.75 |
| LED2-6W-M6WF27K | MR16, 6W, 2700K, wide flood, 12V | 12 | MR16 | 300 | 2700K | 6 | 40,000 | 60 | Wide Flood | 6.9 | $ 87.75 |
| LED2-8W-M6FL27K | MR16, 8W, 2700K, flood, 12V | 12 | MR16 | 500 | 2700K | 8 | 40,000 | 40 | Flood | 9.3 | $ 94.75 |
| LED2-8W-M6SP27K | MR16, 8W, 2700K, spot, 12V | 12 | MR16 | 500 | 2700K | 8 | 40,000 | 15 | Spot | 9.3 | $ 94.75 |
| LED2-8W-M6WF27K | MR16, 8W, 2700K, wide flood, 12V | 12 | MR16 | 500 | 2700K | 8 | 40,000 | 60 | Wide Flood | 9.3 | $ 94.75 |
| LED-6W-PSP27K-12 | PAR36, 6W, 2700K, spot, 12V | 12 | PAR36 | 300 | 2700K | 6 | 40,000 | 15 | Spot | 9.7 | $ 94.75 |
| LED-6W-PWF27K-12 | PAR36, 6W, 2700K, wide flood, 12V | 12 | PAR36 | 300 | 2700K | 6 | 40,000 | 32 | Wide Flood | 9.7 | $ 94.75 |
| LED-10W-PSP27K-12 | PAR36, 10W, 2700K, spot, 12V | 12 | PAR36 | 400 | 2700K | 9 | 40,000 | 15 | Spot | 14.6 | $ 105.75 |
| LED-10W-PWF27K-12 | PAR36, 10W, 2700K, wide flood, 12V | 12 | PAR36 | 420 | 2700K | 9 | 40,000 | 32 | Wide Flood | 14.6 | $ 105.75 |
| LED-10W-PWF27K-24 | PAR36, 10W, 3000K, wide flood, 24V | 24 | PAR36 | 420 | 2700K | 9 | 40,000 | 32 | Wide Flood | 14.6 | $ 115.25 |
| LED-18W-PSP27K-12 | PAR36, 18W, 2700K, spot, 12V | 12 | PAR36 | 660 | 2700K | 18 | 40,000 | 18 | spot | 26.3 | $ 164.00 |
| LED-18W-PWF27K-12 | PAR36, 18W, 2700K, wide flood, 12V | 12 | PAR36 | 720 | 2700K | 18 | 40,000 | 32 | Wide Flood | 26.3 | $ 164.00 |
| **3000K** | | | | | | | | | | | |
| LED-1W-T330K-12 | T3, 1W, 3000K, 12V | 12 | T3 | 100 | 3000K | 1.5 | 20,000 | NA | NA | 2.7 | $ 36.50 |
| LED-2W-T330K-12 | T3, 2W, 3000K, 12V | 12 | T3 | 200 | 3000K | 2.4 | 20,000 | NA | NA | 3.0 | $ 39.25 |
| LED-2W-T330K-24 | T3, 2W, 3000K, 24V | 24 | T3 | 200 | 3000K | 2.4 | 20,000 | NA | NA | 3.0 | $ 44.75 |
| LED-2W-T330K-12-WR | T3, 2W, 3000K, 12V Water Resistant | 12 | T3 WR | 140 | 3000K | 2.4 | 40,000 | NA | NA | 3.0 | $ 40.50 |
| LED2-4W-M6FL30K | MR16, 4W, 3000K, flood, 12V | 12 | MR16 | 230 | 3000K | 4 | 40,000 | 40 | Flood | 5.5 | $ 44.75 |
| LED2-4W-M6SP30K | MR16, 4W, 3000K, spot, 12V | 12 | MR16 | 230 | 3000K | 4 | 40,000 | 15 | Spot | 5.5 | $ 44.75 |
| LED2-4W-M6WF30K | MR16, 4W, 3000K, wide flood, 12V | 12 | MR16 | 230 | 3000K | 4 | 40,000 | 60 | Wide Flood | 5.5 | $ 44.75 |
| LED-5W-M6FL30K-12 | MR16, 5W, 3000K, flood, 12V | 12 | MR16 | 265 | 3000K | 5 | 40,000 | 39 | Flood | 6.6 | $ 60.50 |
| LED2-6W-M6FL30K | MR16, 6W, 3000K, flood, 12V | 12 | MR16 | 330 | 3000K | 6 | 40,000 | 40 | Flood | 6.9 | $ 87.75 |
| LED2-8W-M6FL30K | MR16, 8W, 3000K, flood, 12V | 12 | MR16 | 500 | 3000K | 8 | 40,000 | 40 | Flood | 9.3 | $ 94.75 |
| LED-6W-PSP30K-12 | PAR36, 6W, 3000K, spot, 12V | 12 | PAR36 | 335 | 3000K | 6 | 40,000 | 15 | spot | 9.7 | $ 94.75 |
| LED-6W-PWF30K-12 | PAR36, 6W, 3000K, side flood, 12V | 12 | PAR36 | 335 | 3000K | 6 | 40,000 | 32 | Wide Flood | 9.7 | $ 94.75 |
| LED-10W-PSP30K-12 | PAR36, 10W, 3000K, spot, 12V | 12 | PAR36 | 443 | 3000K | 9 | 40,000 | 15 | spot | 14.6 | $ 105.75 |
| LED-10W-PWF30K-12 | PAR36, 10W, 3000K, side flood, 12V | 12 | PAR36 | 450 | 3000K | 9 | 40,000 | 32 | Wide Flood | 14.6 | $ 105.75 |
| LED-18W-PSP30K-12 | PAR36, 18W, 3000K, spot, 12V | 12 | PAR36 | 690 | 3000K | 18 | 40,000 | 18 | spot | 26.3 | $ 164.00 |
| LED-18W-PWF30K-12 | PAR36, 18W, 3000K, side flood, 12V | 12 | PAR36 | 750 | 3000K | 18 | 40,000 | 32 | Wide Flood | 26.3 | $ 164.00 |
| **5000K** | | | | | | | | | | | |
| LED-2W-T350K-12 | T3, 2W, 5000K, 12V | 12 | T3 | 220 | 5000K | 2.4 | 20,000 | NA | NA | 3.0 | $ 39.00 |
| LED2-4W-M6FL50K | MR16, 4W, 5000K, flood, 12V | 12 | MR16 | 235 | 5000K | 4 | 40,000 | 40 | Flood | 5.5 | $ 44.75 |
| LED2-6W-M6FL50K | MR16, 6W, 5000K, flood, 12V | 12 | MR16 | 390 | 5000K | 6 | 40,000 | 40 | Flood | 6.9 | $ 87.75 |
| LED2-6W-M6WF50K | MR16, 6W, 5000K, wide flood, 12V | 12 | MR16 | 385 | 5000K | 6 | 40,000 | 60 | Wide Flood | 6.9 | $ 87.75 |
| LED2-8W-M6FL50K | MR16, 8W, 5000K, flood, 12V | 12 | MR16 | 550 | 3000K | 8 | 40,000 | 40 | Flood | 9.3 | $ 94.75 |
| LED-10W-PWF50K-12 | PAR36, 10W, 5000K, wide flood, 12V | 12 | PAR36 | 550 | 5000K | 9 | 40,000 | 32 | Wide Flood | 14.6 | $ 105.75 |
| LED-18W-PWF50K-12 | PAR36, 18W, 5000K, wide flood, 12V | 12 | PAR36 | 1012 | 5000K | 18 | 40,000 | 32 | Wide Flood | 26.3 | $ 164.00 |

# UNIQUE LIGHTING SYSTEMS®

## FLEX™ SERIES PAR36 LED LAMP 6W, 10W & 18W

- 40,000 hour rated life at L70
- IP67 rated
- Intended for outdoor use, not intended for prolonged submersion in water
- Up to 85% energy savings when compared to traditional lamps
- Input voltage 10V-15V
- Operating temperature from -4˚ to 122˚ F
- No ultra-violet rays to attract insects
- Mercury-free
- Five year warranty
- 18 watt PAR36 not for use in enclosed fixtures

## FLEX™ SERIES MR-16 LED LAMP 3W & 4W

- 40,000 hour rated life at L70
- 14 year life for average of 8 hours per day
- Up to 85% energy savings when compared to traditional lamps
- Input voltage 10V-18V
- Operating temperature from -4˚ to 122˚ F
- No ultra-violet rays to attract insects
- Mercury-free
- Five year warranty

## FLEX™ SERIES MR-16 LED LAMP 5W

- 40,000 hour rated life at L70
- 14 year life for average of 8 hours per day
- Up to 85% energy savings when compared to traditional lamps
- Input voltage 10V-18V
- Operating temperature from -4˚ to 122˚ F
- No ultra-violet rays to attract insects
- Mercury-free
- Five year warranty

## FLEX™ SERIES MR-16 LED LAMP 6W & 8W

- 40,000 hour rated life at L70
- 14 year life for average of 8 hours per day
- Up to 85% energy savings when compared to traditional lamps
- Input voltage 10V-15V
- Operating temperature from -4˚ to 122˚ F
- No ultra-violet rays to attract insects
- Mercury-free
- Five year warranty

## FLEX™ SERIES MR-11 LED LAMP

- 40,000 hour rated life at L70
- 14 year life for average of 8 hours per day
- Up to 85% energy savings when compared to traditional lamps
- Input voltage 10V-18V
- Operating temperature from -4˚ to 122˚ F
- No ultra-violet rays to attract insects
- Mercury-free
- Five year warranty

## FLEX™ SERIES T3 LED LAMP

- 20,000 hour rated life at L70
- Seven year life for average of eight hours per day
- Input voltage 10V-18V
- Operating temperature from -4˚ to 122˚ F
- No ultra-violet ray to attract bugs
- Mercury-free
- Five year warranty

## FLEX™ SERIES T3 LED LAMP 2W, WATER RESISTANT

- 40,000 hour rated life at L70
- 14 year life for average of 8 hours per day
- Rated for use in open or enclosed fixtures
- Up to 85% energy savings when compared to traditional lamps
- Input voltage 10V-18V
- Operating temperature from -4˚ to 113˚ F
- IP65 rated for outdoor use, not submersible
- Five year warranty

*With FX Luminaire, you'll find everything you need* to create a perfectly illuminated landscape. From artfully designed LED fixtures made with premium materials, to digital lighting control with the latest technological innovations like zoning, dimming, and Wi-Fi control, FX Luminaire brings it all together.

**LANDSCAPE & ARCHITECTURAL LIGHTING** | *The Intersection of Art and Engineering*
Learn more. Visit fxl.com

FXLuminaire.

## STANDARD FX FINISHES

FXLuminaire

| | | | |
|---|---|---|---|
| AB | Antique Bronze | FB | Flat Black |
| AL | Almond | FW | Flat White |
| AB | Antique Bronze | M | Paintable Matte Gray |
| AT | Antique Tumbled | NP | Nickel Plate |
| BS | Natural Brass | SB | Sedora Brown |
| BZ | Bronze Metallic | SS | Stainless Steel |
| CB | Camo Bronze | VF | Verde Speckle |
| CU | Copper | WG | White Gloss |
| DG | Desert Granite | WI | Weathered Iron |
| DT | Desert Tan | SV | Silver |

### LR

Engineered for the client that wants to make a long-term investment in their garden, the LR is without peer. This rugged micro luminaire provides the power and control of the MR-16 lamp family. Through the innovative use of an O-ring hydraulic compression cap seal, the potentially troublesome threads and screws found in other spotlights are eliminated.

**DIMENSION:** 2.40" X 6"

**FINISH:** CU, NP

**LAMP:** MR-16

| Product Code | Description |
|---|---|
| LR | UP Light without glare shield |
| LR-GS | UP Light with glare shield |

### MU

The MU is one of the most versatile spotlites on the market and is the perfect choice for the discriminating landscape designer. The MU can be mounted as an uplight or downlight and is the standard for advanced users. A wide variety of effects can be produced by adding our patented RecessorRing®, HexBaffle™ or one of many filters, spread lens or glare control options.

**DIMENSION:** 2.40" X 7.50"

**FINISH:** WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** MR-16

| Product Code | Description |
|---|---|
| MU | UP Light |

### MP

The MP is constructed without compromise using aerospace grade alloys and silicone seals. This super small luminaire is an excellent choice for illuminating small garden elements such as shrubs, boulders and cacti. The MR-11 lamp provides crisp light and high efficiency.

**DIMENSION:** 1.625" X 5"

**FINISH:** WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** MR-11

| Product Code | Description |
|---|---|
| MP | UP Light |

### RS

The RS is a rugged micro luminaire that provides the power and control of the halogen MR-16 lamp family. This precision lighting instrument is a fine example of engineering for simplicity and reliability. Through the innovative use of a G-ring hydraulic compression cap seal, the potentially troublesome threads and screws found in other spotlights are eliminated.

**DIMENSION:** 2.40" X 6.50"

**FINISH:** WG, FW, AL, BZ, DG, WI, VF, SB, RB

**LAMP:** MR-16

| Product Code | Description |
|---|---|
| RS | UP Light |

### RL

The RL is specifically designed to gently illuminate small scale plant material, boulders, and short garden walls.

**DIMENSION:** 4" X 6"

**FINISH:** CU, NP, WG, FW, AL, BZ, DG, WS, VF, SB, FB

**LAMP:** T3

| Product Code | Description |
|---|---|
| RL | UP Light |

### PB

The PB is a compact LED wall wash lighting solution. Available in 1 or 3 LED with full color lens options of frosted, blue, amber, and green included. The wider angle of the PB allows a broader lighting option for larger structures and spaces. Engineered with solid construction, yet petite in size.

**DIMENSION:** 3.9" X 5.5"

**MATERIAL:** Brass or Aluminum

**FINISH:** Brass AB, AT, NP, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED, 3LED

| Product Code | Description |
|---|---|
| PB | Fixture |

## FX - UP AND ACCENT LIGHTS

FXLuminaire

### FB

Similar in style to its bigger brother the NP, the FB fits nicely into smaller landscapes and tight spaces. Accommodating up to a 3 LED Board, the FB offers all the same up light benefits of the NP in a more compact package.

**DIMENSION:** 2" X 7.5"

**MATERIAL:** Aluminum

**FINISH:** WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED, 3LED

| Product Code | Description |
|---|---|
| FB | UP Light |

### QZ

The QZ is the smallest up light offered in the FX LED line. With only a 1LED option it's capable of all the same features and optics of the larger LED up lights like the NP and FB, but in a smaller package.

**DIMENSION:** 1.75" x 5.75"

**MATERIAL:** Aluminum

**FINISH:** WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED

| Product Code | Description |
|---|---|
| QZ | UP Light |

### NP

The NP is our most versatile LED up light, and is engineered to accommodate all aspects of your up lighting needs. By coupling the proper light intensity with one of the provided color filters, your designer can fine-tune the NP to beautifully enhance every landscape feature.

**DIMENSION:** 2.66" x 8.38"

**MATERIAL:** Aluminum

**FINISH:** WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED, 3LED, 6LED, 9LED

| Product Code | Description |
|---|---|
| NP | UP Light |

## FX - PATH AND SPREAD FIXTURES

### DM

For those who appreciate the best, this pathway light is designed for both high performance and style. The strong, linear lines of the DM will complement any landscape by day and bring it to life at night. This patent pending luminaire is the best choice for the client who wants a flawless design that will make a long-term contribution to their garden.

**DIMENSION:** 7.1" x 16.2"

**RISER TYPE/HEIGHT:** Copper 8", 12" 18", 29", 36"

**MATERIAL:** Copper/Brass

**FINISH:** AB, AT, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** T3, 1 LED, 3 LED

| Product Code | Description |
|---|---|
| DM | Path Light |

### DL

Milled from extra heavy gauge copper and brass, the DL is engineered to survive. This model is perfect for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.

**DIMENSION:** 6.25" X 15.6"

**RISER TYPE/HEIGHT:** Copper 8", 12", 18", 24", 36"

**MATERIAL:** Copper/Brass

**FINISH:** CU, NP, WG, FL, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** T3

| Product Code | Description |
|---|---|
| DL | Path Light |

### SP

Designed for today's crowded planters — the top of the FX Luminaire® SP is just 3.65" in diameter. When incorporated with plant material, the SP simply disappears into the garden.

**DIMENSION:** 3.62" X 15"

**RISER TYPE/HEIGHT:** Copper 8", 12", 18", 24", 36"

**MATERIAL:** Copper/Brass

**FINISH:** CU, NP, WG, FL, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** Incandescent

| Product Code | Description |
|---|---|
| SP | Path Light |

## FX - PATH AND SPREAD FIXTURES (CONT.)

FX Luminaire

### CB

Its sophisticated styling and first class quality will add new dimension to any fine landscape. It is no secret why our pathlites are easy to distinguish from the rest.

**DIMENSION:** 7.4" X 16.2"

**RISER TYPE/HEIGHT:** Copper 8", 12", 18", 24", 36"

**MATERIAL:** Copper/Brass

**FINISH:** AB, AT, CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** T3, 1 LED, 3 LED

| Product Code | Description |
|---|---|
| CB | Path Light |

### HC

The HC offers soft, efficient, and safe lighting solutions for pathways of all shapes, sizes, and locations. With a unique and sleek hat design, durability, and outstanding efficiency, it is the ideal choice for a wide array of path lighting scenarios.

**DIMENSION:** 3.6" X 15"

**RISER TYPE/HEIGHT:** Copper 8", 12", 18", 24", 36"

**MATERIAL:** Copper/Brass

**FINISH:** AB, AT, CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED

| Product Code | Description |
|---|---|
| HC | Path Light |

### JS

The JS is a solid path light built to last in the harshest environments and provide efficient illumination. Available in both 1 and 3 LED with the ability to emit soft light that's functional and beautiful, the JS is an excellent path light for many applications.

**DIMENSION:** 6.3" x 16.5"

**RISER TYPE/HEIGHT:** Copper 8", 12", 18", 24", 36"

**MATERIAL:** Copper/Brass

**FINISH:** AB, AT, NP, CU, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED, 3LED

| Product Code | Description |
|---|---|
| JS | Path Light |

### TM

Designed for mid-sized landscapes, the TM provides unmatched elegance and function in the aluminum constructed category. Its small cap provides a stylish presentation, but doesn't compromise on shine. Not only does it accomplish the function of path lighting, it does so with grace and style.

**DIMENSION:** 5" x 15"

**RISER TYPE/HEIGHT:** A, 15"

**MATERIAL:** Aluminum 8", 12", 18", 24", 36"

**FINISH:** WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED, 3LED

| Product Code | Description |
|---|---|
| TM | Path Light |

## FX - DOWN LIGHTS

### JB

The JB is FX Luminaire's original LED down light. The JB solves the problem of changing lamps in complicated areas by providing long-life LEDs. The pure color of the LED allows you to add the supplied blue lens to create a natural moonlight effect.

**DIMENSION:** 8.9" x 2.4"

**FINISH:** WG, FW, AI, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED, 3LED

| Product Code | Description |
|---|---|
| JB | Down Light |

### LE

To illuminate a space from above without the need for a large mount a LE can be hung to moonlight areas. Using a hook design, with the included four color filters, illuminate a seating area, under a table umbrella or even from the branch of a tree.

**DIMENSION:** 1.6" x 3.3"

**FINISH:** AB, AT, CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1LED

| Product Code | Description |
|---|---|
| LE | Down Light |

## FX - DOWN LIGHTS (CONT.)

FX Luminaire

### TC

This fixture is designed to surface mount onto beams or posts. The halogen lamp is adjustable to allow maximum forward projection making this unique model well suited for illuminating steps or color posts from adjacent structures.

**DIMENSION:** 2.75" X 3.5"

**FINISH:** CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** Halogen AR-11

| Product Code | Description |
|---|---|
| TC | Down Light |

### TS

This fixture is an outdoor "track light" giving the exterior lighting designer a full range of previously interior only lighting effects. The mounting base swivels and pivots on nylon bushings allowing for smooth, precise aiming after installation. A 50W TS is available, and is slightly larger than the 20W and 35W fixtures, measuring 6.50" in length.

**DIMENSION:** 2" x 5" or 2.5" x 6.5"

**FINISH:** CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** Halogen AR-11 or AR-20

| Product Code | Description |
|---|---|
| TS | Down Light |

### VL

When a moonlighting effect is desired, but the caliper of a tree is too small to use the TrellisSolare® series specify the FX Luminaire® ViteLume®. The VL uses the same powerful 20W halogen lamp as the TS. This micro downlight hangs from the host tree by a cinch tie requiring no screws or permanent hardware. A small brass hook is also included for beam-mounted applications.

**DIMENSION:** 2" X 4.50"

**FINISH:** CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** Halogen AR-11

| Product Code | Description |
|---|---|
| XL | Down Light |

## FX - WALL LIGHTS

### CP

Engineered to bring light to areas such as walkways, stairways and decks as well as to other foot traffic hazards that don't have an adjacent planter area for pathlighting or trees and trellis from which to downlight. Incorporated into the design of the CP is the LevelX feature. The LevelX assures the lighting installer that the faceplates of these permanently mounted fixtures will remain perfectly level upon completion of the installation.

**DIMENSION:** 5" X 3.50", 3.875" deep

**FINISH:** AB, AT, CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** T3, 1 LED

| Product Code | Description |
|---|---|
| CP | Wall Light |

### LM

The patent pending LM is engineered to bring light to areas such as walkways, stairways and decks as well as to other foot traffic hazards that don't have an adjacent planter area for pathlighting or trees and trellis from which to downlight. Some of the features of the LM include a Sleeve that is permanently mounted in concrete or wood wall combined with multiple threaded knockouts and corrosion-free, stainless steel inserts.

**DIMENSION:** 9.00" X 3.50", 4.00" deep

**FINISH:** AB, AT, CU, NP, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 2XT3, 2 LED

| Product Code | Description |
|---|---|
| LM | Wall Light |

### MM

To mount, simply drill a 1/4" wireway hole through the post or wall to connect fixture to mainline. Then with the provided screws, attach the MM to the surface. Tempered glass diffuser optics softens the beam spread transition. The MM's narrow profile and wide range of powdercoat options allow it to blend into any surrounding material.

**DIMENSION:** 3.25" X 1.75"

**FINISH:** NP, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** T3

| Product Code | Description |
|---|---|
| MM | Wall Light |

# Outdoor Living

## FX Luminaire



### LF

The LF is our LED under-the-cap hardscape wall light. It can easily be fitted between a block wall and capstone for a neat, clean installation. Due to its modular bracket design, the LF can even be installed under railings and existing construction.

**DIMENSION:** 6.7" x 3.6" x.9"

**FINISH:** AB, AT, BS, CU, SS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

**LAMP:** 1 LED

| Product Code | Description |
|---|---|
| LF | Wall |

### MS

The MS comes to the FX LED line as an immediate favorite thanks to its close relative the MM. The MS takes all the great features of the MM and adds the energy efficiency and long life of LED. Changeable filters and available in Brass or Powdercoat allow you to add glow at night and during the day.

**DIMENSION:** 2" x 3.7"

**FINISH:** AB, AT, NP, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

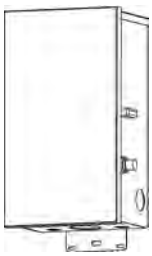
**LAMP:** 1 LED

| Product Code | Description |
|---|---|
| MS | Wall Light |

## TRANSFORMERS

### PX

Patented PX is available in 300W, 600W and 900W capacities.



- Heavy gauge stainless steel for long life in corrosive exterior locations
- Solid power supply for safe, clean power to energy-efficient components
- Open switching control architecture
- Multi-tap

| Product Code | Description |
|---|---|
| PX300SS | 300W with 3' power cord |
| PX600SS | 600W with 3' power cord |
| PX900SS | 900W with 3' power cord |
| PXPC | Photocell |

### LX

The LX Transformer is the industry's first fully digital lighting control transformer. The integrated LCD screen provides current time, photocell, function, and line output readouts. Since its digital display is backlit, adjustments can easily be made 24 hours a day. Including flexible scheduling options and realtime status readouts, the LX provides the ultimate in system reliability and efficiency.

- Full Digital Control: All functions are controlled by the integrated LCD Screen for a complete real-time output of functions
- Active Load Draw Bar: Digital Readout of system load usage displayed as a bar in 10% increments
- Status LEDs: Displays readouts and readiness of the 120V, External Function, Photocell activity, and 12V output
- 12V Photocell Included and Preinstalled: Smaller size with less wiring

| Product Code | Description |
|---|---|
| LX150M | 150W, Digital Control Trans, Matte Gray |
| LX150SS | 150W, Digital Control Trans, Stainless Steel |
| LX300M | 300W, Digital Control Trans, Matte Gray |
| LX300SS | 300W, Digital Control Trans, Stainless Steel |

### LUXOR

With Luxor controlling an LED landscape lighting system, lights don't simply turn on and off. They come alive. Luxor offers both zoning and dimming capabilities that provide virtually limitless design possibilities..

- Up to 250 independently adjustable lighting groups can be created
- Compatible with FX LED ZD lights only
- All groups can be turned on independently and dimmed from 1-100%
- No matter where a light is within a system, it can communicate with the transformer to receive its schedule, intensity, and group

| Product Code | Description |
|---|---|
| LZD150M | 150W, Dimming Zoning Trans, Matte Gray |
| LZD150SS | 150W, Dimming Zoning Trans, Stainless Steel |
| LZD300M | 300W, Dimming Zoning Trans, Matte Gray |
| LZD300SS | 300W, Dimming Zoning Trans, Stainless Steel |

## TESTING EQUIPMENT

PRO90 AUTOMATIC CLAMP METER

- Fully automatic and hassle free
- 400A AC, 600V AC/DC, 2000 Ohms measurement
- Data hold to capture important readings
- Accessories included: test leads, carrying case

**YOUR INVENTORY OF TOOLS FOR LOW-VOLTAGE LIGHTING SHOULD INCLUDE A CLAMP METER AND A DIGITAL MULTIMETER. NOTHING ELSE YOU CAN USE WILL MAKE INSTALLATIONS GO MORE SMOOTHLY AND ENSURE CORRECT VOLTAGES.**

**PRO30 GENERAL PURPOSE DIGITAL MULTIMETER**

**Light, compact, easy to use, measures volts, ohms, and current**

- DCV: 0-500V
- ACV: 0-500V
- DCA: 0-200mA
- Resistance: 0-2Mohm
- Audible continuity: <50ohmDiode test
- Battery: A23 (included)

**VOLTAGE DROP CHARTS ARE AVAILABLE ON OUR WEBSITE AT WWW.HORIZONONLINE.COM**

## LAMPS

USHIO

USHIO's halogen 12V PAR 36 lamps are built to withstand the demanding conditions of landscape use while still providing optimum performance in track lighting and retail applications. With a life rating of 4,000 hours and a flame-sealed lens, these lamps are designed to last twice as long as incandescent lamps and are protected against the adverse affects of moisture. Not only do these Halogen lamps provide a longer life than incandescent lamps, they also offer up to 40% more energy savings compared to incandescents, improved lamp to lamp color consistency, and a brighter, whiter light source.

### MR-11

| Product Code | Description |
|---|---|
| 1000622 | FTD MR11 20W 30 |
| 1000620 | FTC MR11 20W 17 |
| 1000628 | FTH MR11 35W 30 |
| 1000618 | USHIO MR-11 HAL |
| 1000615 | MR11 FTA Lamp 1 |
| 1000626 | FTF MR11 35W 20 |

### MR-16

| Product Code | Description |
|---|---|
| 1000014 | BAB MR16 20W 36 |
| 1000573 | FMW MR16 35W 36 |
| 1000370 | ESX MR16 20W 12 |
| 1000405 | EXN MR16 50W 36 |
| 1000559 | FMV MR16 35W 24 |
| 1000592 | FNV MR16 50W 60 |
| 1000566 | FMW MR16 35W 60 |
| 1000551 | FMT MR16 35W 12 |
| 1000430 | EXZ MR16 50W 24 |
| 1000419 | EXT MR16 50W 12 |
| 1000004 | USHIO MR-16 EUR |
| 1000037 | MR16 20W 24D |
| 1000447 | EYC MR16 75W 36 |
| 1003341 | USHIO FMW/FG/WS |
| 1000000 | BABJR12V-20W/SL |
| 1000455 | EYJ MR16 75W 24 |

In addition to the technologically superior MR-16 lamps manufactured by USHIO, smaller halogen mirrored reflectors have also been developed in both MR-11 and MR-8 sizes. These reduced-size, low-voltage MR lamps are ideal for landscape lighting and some of the newer low-profile track lighting systems.

### PAR-36

| Product Code | Description |
|---|---|
| 1003533 | PAR36 35W 30° |
| 1003531 | PAR36 20W 30° |
| 1003535 | PAR36 35W 8° |
| 1003536 | PAR36 50W 30° |
| 1003538 | PAR36 50W 8° |

### T3 HALOGEN

| Product Code | Description |
|---|---|
| 1000821 | T3 20W |
| 1000811 | T3 10W |
| 1000833 | T3 5W |
| 1000825 | USHIO T-3 HALOG |
| 1003085 | USHIO T-3 XENON |

### T4 HALOGEN

| Product Code | Description |
|---|---|
| 1000823 | T4 35W |
| 1000822 | USHIO T-4 HALOG |
| 1001430 | 912 WEDGE 13W |
| 1001433 | 921 WEDGE 18W |

### Use the Proper Size Cable

Before you lay any cable, refer to the Cable Size Chart below. This will assist you with matching up the correctly sized cable with the correct minimum guage of each run.

**CABLE SIZE CHART – 12-VOLT TRANSFORMERS**

| | | SIZE OF CABLE | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| A | 25 | 12 | 12 | 12 | 12 | 10 | 10 | 10 | 8 |
| B | 50 | 12 | 12 | 10 | 10 | 8 | 8 | 8 | 0 |
| C | 75 | 12 | 10 | 10 | 8 | 8 | 0 | 0 | 0 |
| D | 100 | 12 | 10 | 8 | 0 | 0 | 0 | 0 | 0 |
| E | 150 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| F | 200 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G | 250 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

### Secrets to Professional Wiring Design

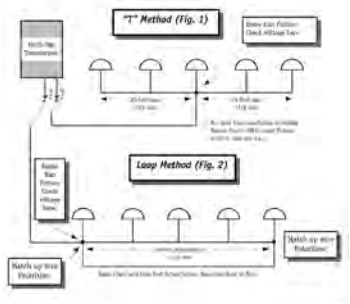
### Laying out the Cable

In order to ensure that your installation meets professional standards, we recommend the following:

1. Cluster the fixtures based on the distance form the transformers.
2. Use multiple wire runs to reduce the voltage drop between fixtures.
3. Know your wire capacity. (See Maximum Cable Loads chart)
4. Adhere strictly to the 50' wiring rule. (see wiring diagrams)

| MAXIMUM CABLE LOADS | | | |
|---|---|---|---|
| **Wire Size** | **Rating** | **Max Usage 80%** | **Amps** |
| 12/2 | 240 watts | 192 watts | 16 |
| 10/2 | 360 watts | 288 watts | 24 |
| 8/2 | 480 watts | 384 watts | 32 |

### Getting Started




1. Determine the transformer location.
2. Refer to the voltage chart. This will ensure that you don't overload your wire, avoiding excessive voltage drop.
3. Once you have grouped your fixtures into zones, run one cable from the transformer to each zone.
4. It is very important that you observe the 50' wiring rule (see Figs. 1 and 2). The biggest mistake most contractors make is using the Daisy Chain wiring method and allowing too much distance from the first fixture to the last on the wiring run. This causes dim lights at the end of the run due to voltage drop. Instead, use the "T" or "Loop" Wiring Methods. When using the T Method, keep the distance between the middle (home run fixture) and last fixture within 25'. Using the Loop Method, you may extend this distance to 50'. The reason for this is simple: a multi-tap transformer can only control voltage drop to the home run fixture. Voltage drop starts to occur again as the power extends to the remaining fixtures. Observing the 50' wiring rule will prevent the lamps at the end of the run form becoming too dim.

### About Voltage Drop

Voltage drop (dim lights) is the biggest problem facing the lighting contractor so it's vitally important that you understand how and why voltage drop occurs.

### Where Does Voltage Drop Occur?

1. At the source (where the transformer plugs in) — Most low voltage transformers are designed to operate at a 10:1 ratio. That is, 120V in = 12V out. So if you only have 110V at the outlet you will only have 11V output.

2. At the transformer — Prior to putting a load on the transformer, you will maintain a true 10:1 power ratio. However, as soon as you hook up your wire runs, the transformer will suffer voltage drop and the 12V output may now only be 11V.

3. At the lamps — This is the main reason for voltage drop. The distance of your home run cable, together with the total amount of Ws on the run, will dramatically affect the amount of voltage at the lamps.

| | | |
|---|---|---|
| None of the lights work. | 1.) Is there power at the 120V outlet?<br>2.) Is the transformer wired directly to a circuit breaker?<br>3.) Check for secondary voltage at the transformer.<br>4.) Is the transformer breaker tripped?<br>5.) Does the unit have a photocell?<br>6.) Is the timer bad?<br>7.) Are the bulbs burned out?<br>8.) Are cable runs connected?<br>9.) If you have lugs: | Check with voltmeter, or plug in another appliance. Check the plug, check GFI reset button, check circuit breaker.<br>Check and reset the circuit breaker.<br>Using a voltmeter, check for power by connecting to any white and any colored wire. If you have power, skip down to item #7.<br>Turn off power supply and check breaker. If burned out, replace per label instructions.<br>Cover the eye with black electrical tape. Wait a few minutes. If the lights come on, photocell is OK.<br>Remove the timer and plug the white cord into socket.<br>With the unit on, use a voltmeter to check for power at lamps. If power is present, replace the lamp.<br>Check to see that one side of each cable is connected to a white wire, and one connected to a colored wire.<br>Make certain wire is stripped and securely connected. |
| System comes on for replace photocell.<br><br>Check with Amp probe. | 10. Check photocell.<br><br>11.) Check timer.<br>12.) Check primary breaker. | Cover the eye with black electrical tape. If unit won't come on, or if unit turns off prior to timer off, a short period of time.<br><br>See timer instructions.<br>If breaker is tripped, check total bulb wattage. If it exceeds 80% of unit capacity, unit may be overloaded. |
| All lights are dim. | 13.) Check voltage at the fixture that wire from the transformer connects to.<br>14.) Poor connections. | Using the colored wire leads, increase the voltage until you have between 11 and 12 volts.<br><br>Check for corrosion at all connections and sockets at fixtures. |
| Lights dim at end of run. | 15.) Check distance from first fixture to last. | If more than 50 ft., use the T method of wiring. See wiring instructions for other methods. |
| Some of the lights work. | 16.) Check voltage at each lamp.<br>17.) Check for interrupted power. | If you have voltage, replace the lamp.<br>ookfor bad connections and cut wires somewhere in the loop. |
| Primary breaker is tripped. | 18.) Check total lamp wattage. Total lamp load should not exceed 80% of rated transformer capacity.<br>19.) Check for shorts in field wiring. | Replace lamps with lamps that have less wattage. Install a higher-wattage transformer. Add another transformer.<br>Disconnect all secondary wiring leads. Now connect one wiring run at a time and check for shorts. |

### Landscape Low Voltage Lighting

The voltage losses in the chart below were calculated using Ohm's Law, and are theoretical. Safety margin should be built into the design to take into consideration deterioration of wire splices, power brownouts, etc.
CONSULT THE MANUFACTURER OF THE LIGHT FIXTURE FOR MORE DETAIL.

NOTES:
1) Do not use a cable whose ampacity is less than the rating of the transformer circuit breaker.
2) Chart shows voltage drop for maximum flows of 80% of the cables' ampacities.

### VOLTAGE DROP PER 10 LINEAR FEET OF CABLE

| LAMP POWER FLOWING IN CABLE SECTION (WATTS @ 12V) | | WIRE GAUGE (awg), CLASS K COPPER | | | | |
|---|---|---|---|---|---|---|
| | | 18 | 16 | 12 | 10 | 8 |
| | | WIRE RESISTANCE (Ohms/10' of cable, both conductors) @ 77 °F (25 °C) | | | | |
| | FLOW (amps) | 0.1358 | 0.0852 | 0.0336 | 0.0212 | 0.0136 |
| 20 | 1.67 | 0.226 | 0.142 | 0.056 | 0.035 | 0.023 |
| 25 | 2.08 | 0.283 | 0.178 | 0.070 | 0.044 | 0.028 |
| 30 | 2.50 | 0.340 | 0.213 | 0.084 | 0.053 | 0.034 |
| 35 | 2.92 | 0.396 | 0.249 | 0.098 | 0.062 | 0.040 |
| 40 | 3.33 | 0.453 | 0.284 | 0.112 | 0.071 | 0.045 |
| 45 | 3.75 | 0.509 | 0.320 | 0.126 | 0.080 | 0.051 |
| 50 | 4.17 | 0.566 | 0.355 | 0.140 | 0.088 | 0.057 |
| 55 | 4.58 | 0.622 | 0.391 | 0.154 | 0.097 | 0.062 |
| 60 | 5.00 | 0.679 | 0.426 | 0.168 | 0.106 | 0.068 |
| 65 | 5.42 | 0.736 | 0.462 | 0.182 | 0.115 | 0.074 |
| 70 | 5.83 | 0.792 | 0.497 | 0.196 | 0.124 | 0.079 |
| 75 | 6.25 | 0.849 | 0.533 | 0.210 | 0.133 | 0.085 |
| 80 | 6.67 | 0.905 | 0.568 | 0.224 | 0.141 | 0.091 |
| 85 | 7.08 | 0.962 | 0.604 | 0.238 | 0.150 | 0.096 |
| 90 | 7.50 | 1.019 | 0.639 | 0.252 | 0.159 | 0.102 |
| 95 | 7.92 | 1.075 | 0.675 | 0.266 | 0.168 | 0.108 |
| 100 | 8.33 | - | 0.710 | 0.280 | 0.177 | 0.113 |
| | | | | | | |
| 105 | 8.75 | - | 0.746 | 0.294 | 0.186 | 0.119 |
| 110 | 9.17 | - | 0.781 | 0.308 | 0.194 | 0.124 |
| 115 | 9.58 | - | 0.817 | 0.322 | 0.203 | 0.130 |
| 120 | 10.00 | - | 0.852 | 0.336 | 0.212 | 0.136 |
| 125 | 10.42 | - | - | 0.350 | 0.221 | 0.141 |
| 130 | 10.83 | - | - | 0.364 | 0.230 | 0.147 |
| 135 | 11.25 | - | - | 0.378 | 0.239 | 0.153 |
| 140 | 11.67 | - | - | 0.392 | 0.247 | 0.158 |
| 145 | 12.08 | - | - | 0.406 | 0.256 | 0.164 |
| 150 | 12.50 | - | - | 0.420 | 0.265 | 0.170 |
| 155 | 12.92 | - | - | 0.434 | 0.274 | 0.175 |
| 160 | 13.33 | - | - | 0.448 | 0.283 | 0.181 |
| 165 | 13.75 | - | - | 0.462 | 0.292 | 0.187 |
| 170 | 14.17 | - | - | 0.476 | 0.300 | 0.192 |
| 175 | 14.58 | - | - | 0.490 | 0.309 | 0.198 |
| 180 | 15.00 | - | - | 0.504 | 0.318 | 0.204 |
| 185 | 15.42 | - | - | 0.518 | 0.327 | 0.209 |
| 190 | 15.83 | - | - | 0.532 | 0.336 | 0.215 |
| 195 | 16.25 | - | - | 0.546 | 0.345 | 0.221 |
| 200 | 16.67 | - | - | 0.560 | 0.353 | 0.226 |
| | | | | | | |
| 205 | 17.08 | - | - | 0.574 | 0.362 | 0.232 |
| 210 | 17.50 | - | - | 0.588 | 0.371 | 0.238 |
| 215 | 17.92 | - | - | 0.602 | 0.380 | 0.243 |
| 220 | 18.33 | - | - | 0.616 | 0.389 | 0.249 |
| 225 | 18.75 | - | - | 0.630 | 0.398 | 0.255 |
| 230 | 19.17 | - | - | 0.644 | 0.406 | 0.260 |
| 235 | 19.58 | - | - | 0.658 | 0.415 | 0.266 |
| 240 | 20.00 | - | - | 0.672 | 0.424 | 0.272 |

SUREPRO

## SUREPRO SKIMMERS AND ACCESSORIES

SurePro skimmers provide an efficient, effective method of maintaining a beautiful water garden. An easy flow-through design combined with simple installation and minimal maintenance offers ideal solution for any existing or new water garden or Koi pond.

- Makes installing a water garden easier than ever
- Lockable weir gate restricts water for easier maintenance
- Bottom siphon port allows for complete water circulation
- Circular, ridged wall design provides extra strength and in-ground anchoring
- Molded drill-out ports on both sides provide flexible installation for new or existing ponds
- Heavy-duty net catches large debris
- Easy-clean brushes catch smaller debris

## 2500 GPH SKIMMER

| Specification: | SPS2 |
|---|---|
| Width | 17.24" |
| Height | 23.25" |
| Length | 21.73" |
| Gate Width | 6.6" |
| Max GPH | 2,500 |

## 5000 GPH SKIMMER

| Specification: | SPS5 |
|---|---|
| Width | 20" |
| Height | 23.0" |
| Length | 26.0" |
| Gate Width | 6.6" |
| Max GPH | 5,000 |

## Standard Pond Calculations:

**Liner and Underlayment Sizing**

Maximum Depth x 2 + Maximum Length + 3' = Liner Length

Maximum Depth x 2 + Maximum Width + 3' = Liner Width

**Calculating Pond Volume**

Rectangular Pond Calculation Formula

L = Length of pond in feet, W = Width of pond in feet,
D = Depth of pond in feet

L x W x D x 7.5 = gals. of pond

Example: 10' X 12' X 1.5' depth = 1,350 gals.

**Circular Pond Calculation Formula**

( Diameter ÷ 2 ) X ( Diameter ÷ 2 ) x Depth x 23.55

Example: 15' diameter X 2.5' depth = 3,312 gals.

**Recommended Circulation by pond volume:**

## 10,000 GPH SKIMMER

| Specifications: | SPS10 |
|---|---|
| Width | 24.0" |
| Height | 23.0" |
| Length | 31.5" |
| Gate Width | 9" |
| Max GPH | 10,000 |

## SKIMMER LIDS

| Product Code | Description | Used with skimmer |
|---|---|---|
| SPS2LG | Lid (granite) | SPS2 |
| SPS2LS | Lid (sandstone) | SPS2 |
| SPS5LG | Lid (granite) | SPS5 |
| SPS5LS | Lid (sandstone) | SPS5 |
| SPS10LG | Lid (granite) | SPS10 |
| SPS10LS | Lid (sandstone) | SPS10 |





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# Outdoor Living

## SUREPRO - WATERSCAPING EQUIPMENT (CONT.)

### ACCESSORIES

| Product Code | Description |
|---|---|
| SPAFV | SurePro Auto Fill Valve Assembly |
| SPMP2 | SurePro Skimmer Matala Pad (2500 GPH) |
| SPMP5 | SurePro Skimmer Matala Pad (5000 GPH) |
| SPMP10 | SurePro Skimmer Matala Pad (10,000 GPH) |
| SPS2NET | SurePro Skimmer Replacement Net (2500 GPH) |
| SPS5NET | SurePro Skimmer Replacement Net (5000 GPH) |
| SPS10NET | SurePro Skimmer Replacement Net (10,000 GPH) |

### WATERFALL WEIR

- Created to mimic a natural waterfall
- Designed for flows up to 6,000 gals. per hour
- Constructed with a 7.75" flow opening
- Built-in drip edge directs water flow and help prevent back flow
- Circular, ridged wall design provides extra strength and in-ground anchoring

| Product Code | Description |
|---|---|
| SPWF | SurePro Waterfall Weir |

### BIOLOGICAL WATERFALL FILTER

SurePro biological waterfall filters are created to mimic a natural waterfall or spring while helping you maintain a balanced ecosystem. Easy to install, our waterfalls are constructed with 14" and 23" waterfall widths and will retrofit into any existing water garden. Utilizing BioVortex™ technology these filters are designed to evenly disperse debris and settle solid bio loads for less maintenance and superior filtration.

- Corrugated design for extra strength, anchoring and anti-flotation
- Back flush outlet offers easy maintenance and removal of settling solid bio loads, and helps drain water from the waterfall
- Molded bottom inlet with 2" bulk head fitting for quick connection
- Waterfall outlet available in 14" and 23" widths
- BioVort separator plate creates a cyclone-type up flow to help uniformly separate and evenly disperse debris

| Product Code | Description |
|---|---|
| SPF5 | Sur |
| SPF10 | Sur |

### LIDS

| Product Code | Description | Used with filter |
|---|---|---|
| SPF5LG | Lid (Granite) | SurePro BioVortex Filter (5000 GPH) |

### WEIR

| Product Code | Description | Used with filter |
|---|---|---|
| SPF5WG | Rock Weir (Granite) | SurePro BioVortex Filter (5000 GPH) |
| SPF10WG | Rock Weir (Granite) | SurePro BioVortex Filter (10,000 GPH) |

### ACCESSORIES

| Product Code | Description |
|---|---|
| VSGV150SL | 1-1/2" Slide Gate Valve |
| SVGV200SL | 2" Slide Gate Valve |
| SVGV300SL | 3" Slide Gate Valve |
| SVGV400SL | 4" Slide Gate Valve |

## PONDLESS FOUNTAINS

SUREPRO

### SIMPLY FALLS™ VAULT

- For applications when you already have the components to make your water feature, but need something to house your pump
- 19.25'' W X 19.2'' L X 24'' T vault
- Vault is rotational molded polyethylene for durability
- Wall ridges provide added strength
- Sturdy vault lid allows you to conceal the unit with rocks, gravel, plants, etc
- Pre-drilled 3" discharge port takes the hassle out of installation
- Multiple inlet vents allows unit to collect water at a rapid pace

| Product Code | Description |
|---|---|
| SPSF | SurePro Simply Falls Vault |

## DISAPPEARING BASINS

SUREPRO

- Heavy duty disappearing water feature basins for in-ground installations
- Ideal for smaller applications
- Rugged design holds up in adverse weather conditions
- Safe for aquatic plants, fish and animals

### SPDB36

**Specifications:**

Width 36”
Height 10.8”
Length 36”
Holding Capacity 35 gals.

| Product Code | Description | Maximum Weight Capacity |
|---|---|---|
| SPDB36 | SurePro Disappearing Basin 36” Round | 3,000lbs. |

### SPDB44

**Specifications:**

Width 44”
Height 11”
Length 44”
Holding Capacity 60 gals.

| Product Code | Description | Maximum Weight Capacity |
|---|---|---|
| SPDB44 | SurePro Disappearing Basin 44” Square | 3,000lbs. |

## FOUNTAIN PUMPS

SUREPRO

These pumps features an epoxy-encapsulated motor, plastic housing and radial lip seal on the motor shaft. It provides enough power to effectively operate a water garden, statuary, or tabletop fountain. This “potted” pump is usually more compact in size than an oil-filled pump of equal flow capacity.

- Environmentally safe, oil-less
- Energy efficient
- Corrosion resistant body
- 15’ power cord
- 115V
- 1/4” MNPT discharge
- For submersible use only
- Discharge accepts 1/2” I.D. tubing

### SPFP170

- 170 GPH @ 1’ TDH
- 7’ shut-off head
- 36W

### SPFP300

- 300 GPH @ 1’ TDH
- 12.2’ shut-off head
- 47W

### SPFP475

- 475 GPH @ 1’ TDH
- 13.4’ shut-off head
- 80W

| Product Code | Description |
|---|---|
| SPFP170 | SurePro Fountain Pump |
| SPFP300 | SurePro Fountain Pump |
| SPFP475 | SurePro Fountain Pump |

## DUAL DISCHARGE PUMPS

SUREPRO

This pump utilizes a permanent-split capacitor (PSC) motor sealed in a stainless steel housing, which in turn is surrounded by a plastic case. The PSC motor allows the pump to use less energy than other pumps of similar flow capacity. The motor also develops less heat; therefore, the pump does not require oil internally. This pump is ideal for use in waterfall and stream applications found in water gardens.

### SPDDP1250

- 1250 GPH @ 5’ TDH
- 20’ shut-off head
- 230W
- 1 1/4” FNPT discharge
- Handles 1/4” solids
- 115V
- 16’ power cord

### SPDDP4000

- 4000 GPH @ 5’ TDH
- 30’ shut-off head
- 700W
- 1 1/4” FNPT discharge
- Handles 1/4” solids
- 115V
- 16’ power cord

| Product Code | Description | Specification |
|---|---|---|
| SPDDP1250 | SurePro Dual Discharge Pump | 1250 GPH @ 5’ TDH |
| SPDDP4000 | SurePro Dual Discharge Pump | 4000 GPH @ 5’ TDH |



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# Outdoor Living

## STAINLESS STEEL PUMPS

SURE PRO

SurePro™ water feature pumps are engineered with high quality and structural integrity for optimum efficiency and long life. Constructed with stainless steel, cast iron and durable thermoplastic, each pump meets the rigorous demands of the most impressive water features. The stainless steel cylinder houses a powerful PSC motor and the direct-drive system produces greater starting torque for nearly instantaneous flow. Recommended for Koi and Goldfish ponds as well as features without fish, and for use in conjunction with skimmers and biological waterfall filters for a complete, ecologically balanced system.

**SPSSP2300**

- 2300 GPH @ 5' TDH
- 21' shut-off head
- 355W
- 1 1/4" FNPT discharge
- Handles 3/8" solids
- 115V
- 19' power cord

**SPSSP4280**

- 4280 GPH @ 5' TDH
- 30' shut-off head
- 590W
- 2" FNPT discharge
- Handles 1 3/16" solids
- 115V
- 19' power cord

**SPSSP6400**

- 6400 GPH @ 5' TDH
- 35' shut-off head
- 1210W
- 2" FNPT discharge
- Handles 1 3/8" solids
- 115V
- 19' power cord

| Product Code | Description | Specification |
|---|---|---|
| SPSSP2300 | SurePro Stainless Steel Pump | 2300 GPH @ 5' TDH |
| SPSSP4280 | SurePro Stainless Steel Pump | 4280 GPH @ 5' TDH |
| SPSSP6400 | SurePro Stainless Steel Pump | 6400 GPH @ 5' TDH |

Little GIANT

This pump has been designed to operate in applications such as waterfalls, streams, and fountainheads. It can also be used to circulate the water in your pond. Unique features of this pump include a non-clogging vortex impeller, auto resetting thermal overload protection, stainless steel motor housing, and the ability to pass solids with dianmeters up to 1.18"/30mm (WGFP-50) or 1.38"/35mm (WPFG-75, WGFP-100, WGFP-150, and WPFG-200).

**CAUTION:** To prevent damaging the pump, do not pump abrasives such as sand or mud.

| Product Code | Description |
|---|---|
| 566061 | WGFP-150 9750GPH @ 5', 1210 WATTS, 19' CORD, 3/4" SOLIDS |
| 566072 | WGFP-200 16000GPH @ 5', 2085 WATTS, 19' CORD, 3/4" SOLIDS |
| 566724 | 1200GPH PUMP 115V 60HZ 20FT |

## WATER FEATURE PUMPS

Little GIANT

The F-Series pumps provide circulating, oxygenated water to features such as ponds fountains, displays, waterfalls and filter systems.

| Product Code | Description |
|---|---|
| 566726 | WGFP-150 9750GPH @ 5', 1210 WATTS, 19' CORD, 3/4" SOLIDS |
| 566728 | WGFP-200 16000GPH @ 5', 2085 WATTS, 19' CORD, 3/4" SOLIDS |
| 566729 | 1200GPH PUMP 115V 60HZ 20FT |

## SOLIDS HANDLING PUMP

SUREPRO®

### LOW WATER LEVEL CUT-OFF SWITCH

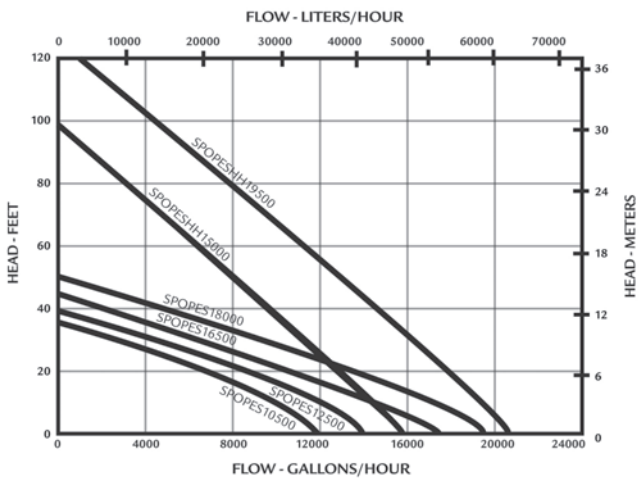
- Converts any manual pump, up through 1/2 hp (10 max. run Amps), to automatic
- 115V Pump Cut-off Switch
- 18' Power Cord

| Product Code | Description |
|---|---|
| SPLWLS | SurePro Low Water Level Cut-Off Switch |

## HIGH FLOW ENERGY EFFICIENT POND CIRCULATION PUMPS

SUREPRO®

The SPOPES & SPOPESHH Energy Saving pumps are the benchmark for today's pond industry. These pumps have true 3" suction and discharge fittings and are fitted with energy saving motors. With their advanced technology, the SPOPES & SPOPESHH have whisper quiet operations with tremendous flow rates. Offered in both high flow as well as high head designs. These pumps are designed for out of pond applications and are not for use as submersible pumps.




### SPOPES10500

- 10,500 GPH @ 5' TDH
- 35' shut-off head
- 540W
- 3" FNPT discharge
- Handles 1/8" solids
- 115V
- 15' power cord

### SPOPES12500

- 12,500 GPH @ 5' TDH
- 38' shut-off head
- 814W
- 3" FNPT discharge
- Handles 1/8" solids
- 115V
- 15' power cord

### SPOPES16500

- 16,500 GPH @ 5' TDH
- 44' shut-off head
- 1309W
- 3" FNPT discharge
- Handles 1/8" solids
- 115V
- 15' power cord

| Product Code | Description | Specification |
|---|---|---|
| PTES10500 | SurePro Energy Saver Out of Pond Pump | 10,500 GPH @ 5' TDH |
| PTES12500 | SurePro Energy Saver Out of Pond Pump | 12,500 GPH @ 5' TDH |
| PTES16500 | SurePro Energy Saver Out of Pond Pump | 16,500 GPH @ 5' TDH |





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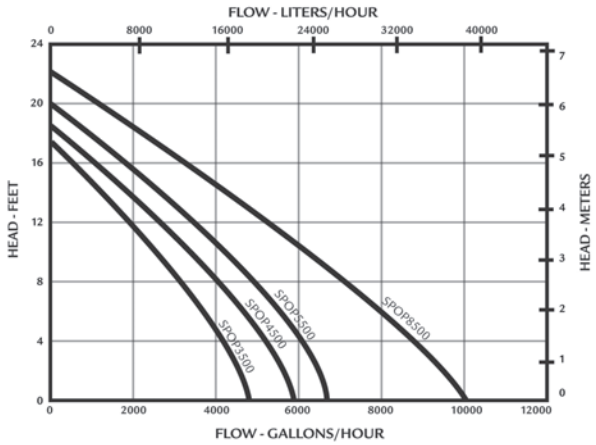
# Outdoor Living

## ENERGY SAVER PUMP

SURE PRO

The SPOP Series water garden pump is the most energy efficient pump on the market. With its extremely quiet operation and low energy consumption it is the perfect choice for today's discerning pond builder. These pumps are designed for out of pond applications and are not for use as submersible pumps.




**SPOP3500**
- 3500 GPH @ 5' TDH
- 18' shut-off head
- 143W
- 2" FNPT discharge
- Handles 1/8" solids
- 115V
- 15' power cord

**SPOP5500**
- 5500 GPH @ 5' TDH
- 20' shut-off head
- 286W
- 2" FNPT discharge
- Handles 1/8" solids
- 115V
- 15' power cord

**SPOP4500**
- 4500 GPH @ 5' TDH
- 19' shut-off head
- 187W
- 2" FNPT discharge
- Handles 1/8" solids
- 115V
- 15' power cord

**SPOP8500**
- 8500 GPH @ 5' TDH
- 22' shut-off head
- 363W
- 2" FNPT discharge
- Handles 1/8" solids
- 115V
- 15' power cord

| Product Code | Description | Specification |
|---|---|---|
| SPOP3500 | SurePro Energy Saver Out of Pond Pump | 3500 GPH @ 5' TDH |
| SPOP4500 | SurePro Energy Saver Out of Pond Pump | 4500 GPH @ 5' TDH |
| SPOP5500 | SurePro Energy Saver Out of Pond Pump | 5500 GPH @ 5' TDH |
| SPOP8500 | SurePro Energy Saver Out of Pond Pump | 8500 GPH @ 5' TDH |

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## PRIMING POTS, DEBRIS TRAPS

SUREPRO

### SPPT2

Our 2" priming pot/debris trap is designed specifically for the water gardening industry. It features a camber lock lid with excellent flow through capabilities. Specially designed basket improves flow while keeping harmful debris such as string algae out of the pump.

- Strong glass-filled thermoplastic housing for long life
- High strength see through lid
- Best flow characteristics
- Quick-connect 2" union included
- Drain plug for winterizing
- Specially designed debris basket for maximum flow
- Comes with adaptor for use with most water garden pumps
- Flow range up to 6,000 GPH
- SPPT2 Dimensions: width = 6", height = 10"

### SPPT3

The 3" priming pot/debris trap is specifically designed for the water gardening industry. With the 550 cubic inch capacity, it is designed for high flow applications. The loss of flow through the pump is minimal via the 3" inlet as well as the oversized capacity.

- Strong glass-filled thermoplastic housing
- Drain plug for winterization
- Adjustable feet to match with any pump height
- Quick-connect 3" union included
- Best flow of any priming pot/debris trap available
- Flow rates up to 13,000 GPH
- Keep harmful debris such as string algae out of pump
- SPPT3 Dimensions: width = 8.5", height = 18"

### PLASTIC SUCTION STRAINERS

| Product Code | Description |
|---|---|
| SPPSS10 | SurePro Plastic Suction Strainer 1" |
| SPPSS15 | SurePro Plastic Suction Strainer 1 1/2" |
| SPPSS20 | SurePro Plastic Suction Strainer 2" |
| SPPSS30 | SurePro Plastic Suction Strainer 3" |

## SUREPRO PRESSURE FILTERS

SUREPRO

### BIOLOGICAL BEAD FILTERS & ACCESSORIES

This pond and water feature filter is a pressure side system, designed to filter out small debris. It is designed to be used with energy efficient pumps. Comes with specially designed start-up bacteria. These units are designed for new applications or to retrofit existing ones.

- Works with low-amp pumps
- Easy to clean backwash feature
- Backwashing pressure filter may be placed anywhere on the discharge of the pump (perfect for retrofitting existing pond)
- Valve can be hidden in an artificial rock or valve box
- Bio bead media is designed for use with Koi and goldfish ponds
- Pressure gauge to indicate when to backwash

### SPBF1000

- 1.5" valve
- For any pond or water feature up to 1000 gals.
- Dimensions: width = 19", height = 27"

### SPBF2000

- 1.5" valve
- For any pond or water feature up to 2000 gals.
- Dimensions: width = 16", height = 32"

### SPBF4000

- 2" valve
- For any pond or water feature up to 4000 gals.
- Dimensions: width =19", height = 36"

### SPBF6000

- 2" valve
- For any pond or water feature up to 6000 gals.
- Dimensions: width = 24", height = 43"

| Product Code | Description |
|---|---|
| SPBF1000 | 1.5'' valve, 1,000 gal. |
| SPBF2000 | 1.5'' valve, 2,000 gal. |
| SPBF4000 | 2'' valve, 4,000 gal. |
| SPBF6000 | 2'' valve, 6,000 gal. |

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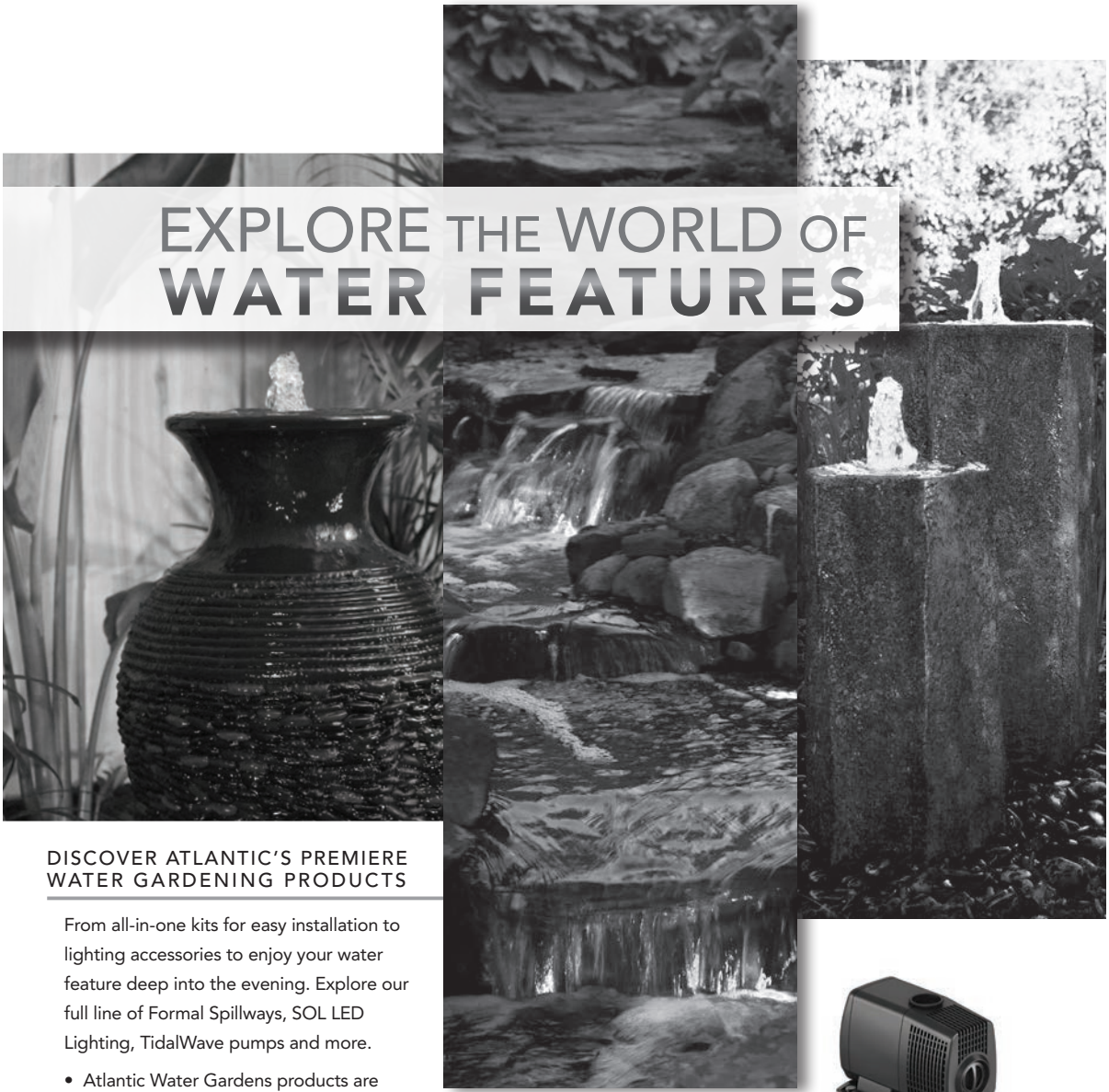


# EXPLORE THE WORLD OF WATER FEATURES

## DISCOVER ATLANTIC'S PREMIERE WATER GARDENING PRODUCTS

From all-in-one kits for easy installation to lighting accessories to enjoy your water feature deep into the evening. Explore our full line of Formal Spillways, SOL LED Lighting, TidalWave pumps and more.

- Atlantic Water Gardens products are available at all Horizon locations
- Atlantic offers online water gardening education, Atlantic Water Gardens University -- Visit AWGU under the tools section of our website

Atlantic™

## DISCOVER THE DIFFERENCE

Phone: 1.877.80PONDS | Fax: 330.274.8790 | info@atlanticwatergardens.com | www.atlanticwatergardens.com

Waterscapes By Atlantic

## L SERIES PUMP

TidalWave L-Series are axial flow pumps, specially designed to deliver high volumes through large diameter plumbing to relatively low heights. Under 10' of head, the low power consumption of these 3" outlet pumps can't be beat for your high flow applications. Built with the same robust cast iron and stainless steel construction as our A-Series, Atlantic's L-Series pumps will deliver for years.

### Features

- Cast iron vortex impeller
- Double silicon carbide mechanical seals
- Dual drive bearings
- Auto-cut thermal protection
- 30' power cord
- 2-year warranty

L-305

### MODEL L-305

| | | | |
|---|---|---|---|
| **Volts:** | 115 | **Motor:** | 1/2 HP |
| **Watts:** | 710 | **Amps:** | 6.4 |
| **Weight:** | 60 lbs. | **Outlet:** | 3" MPT |
| **Dimensions:** | 9"L x 9"W x 19.25"H | | |

### MODEL L-310

| | | | |
|---|---|---|---|
| **Volts:** | 115 | **Motor:** | 1 HP |
| **Watts:** | 1105 | **Amps:** | 10 |
| **Weight:** | 65 lbs. | **Outlet:** | 3" MPT |
| **Dimensions:** | 9"L x 9"W x 19.25"H | | |

* Wattage is calculated @ BEP using the following formula (Volts x Amps x PF = Watts).

| Model # | Watts | Max | 5' | 10' | 15' | 20' | 25' | 30' | 35' | 40' | 45' | 50' | 55' | 60' |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L-305 | 710 | -- | 10380 | 7380 | 3960 | | | | | | | | | |
| L-310 | 1105 | -- | 13500 | 10560 | 7380 | 3240 | | | | | | | | |

*Operating pumps outside of the recommended range may cause bearing damage and premature failure.

Recommended Operating Range | Best Efficiency Point | Do Not Operate Range

Waterscapes By Atlantic

## A SERIES PUMP

TidalWave A-Series are manufactured from cast iron and stainless steel with precision motors and thermal overload protection. These professional-grade direct drive pumps are engineered for demanding high volume applications and perform where most cannot.

### Features

- Cast iron vortex impeller
- Double silicon carbide mechanical seals
- Dual drive bearings
- Auto-cut thermal protection
- 30' power cord
- 2-year warranty

* Wattage is calculated @ BEP using the following formula (Volts x Amps x PF = Watts).

| Model # | Watts | Max | 5' | 10' | 15' | 20' | 25' | 30' | 35' | 40' | 45' | 50' | 55' | 60' |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A-05 | 645 | -- | 3165 | 2840 | 2500 | 2155 | 1875 | 1455 | 935 | 320 | | | | |
| A-05L | 725 | -- | 5040 | 4320 | 3600 | 2820 | 1920 | 840 | | | | | | |
| A-21 | 1060 | -- | 5810 | 5325 | 4824 | 4335 | 3770 | 3140 | 2400 | 1530 | 540 | | | |
| A-31 | 1160 | -- | 9300 | 8150 | 6830 | 5535 | 4120 | 2535 | 625 | | | | | |
| A-32 | 2055 | -- | 12000 | 11040 | 10440 | 9780 | 9000 | 8280 | 7560 | 6780 | 5580 | 4920 | 3890 | |

*Operating pumps outside of the recommended range may cause bearing damage and premature failure.

Recommended Operating Range | Best Efficiency Point | Do Not Operate Range

### MODEL A-31

| | | | |
|---|---|---|---|
| **Volts:** | 115 | **Motor:** | 1 HP |
| **Watts:** | 1160 | **Amps:** | 10 |
| **Weight:** | 48 lbs. | **Outlet:** | 3" MPT |
| **Dimensions:** | 11"L x 7"W x 18"H | | |

| | | | |
|---|---|---|---|
| **Volts:** | 230 | **Motor:** | 2 HP |
| **Watts:** | 2055 | **Amps:** | 9.4 |
| **Weight:** | 95 lbs. | **Outlet:** | 3" FIPT |
| **Dimensions:** | 15"L x 8.5"W x 23"H | | |

Waterscapes By Atlantic

## SH SERIES PUMP

A mainstay of the Water Garden Industry, TidalWave SH-Series Pumps have proven to be one of the most dependable and energy-efficient composite direct drives available. With true solids handling capacities of up to 1½" and stable base geometry, these value-packed pumps excel under the most rigorous conditions..

* Wattage is calculated @ BEP using the following formula (Volts x Amps x PF = Watts).

| Model # | Watts | Max | 5′ | 10′ | 15′ | 20′ | 25′ | 30′ | 35′ |
|---|---|---|---|---|---|---|---|---|---|
| SH1450 | 240 | 1450 | 1170 | 650 | | | | | |
| SH2050 | 320 | 2050 | 1700 | 1130 | 235 | | | | |
| SH3600 | 575 | 3600 | 3245 | 2750 | 2090 | 1210 | | | |
| SH5000 | 950 | 5000 | 4350 | 3620 | 2800 | 1875 | 825 | | |
| SH6500 | 1000 | 6500 | 5710 | 4875 | 4000 | 3080 | 2110 | 1085 | |

*Operating pumps outside of the recommended range may cause bearing damage and premature failure.

Recommended Operating Range | Best Efficiency Point | Do Not Operate Range

### Features

- Non-corrosive and handles solids
- Oil-Free design
- Vortex Impeller
- Overload and thermal protection
- 16' power cord
- 2-year warranty

### SH3600 Model Specifications

| | | | |
|---|---|---|---|
| **Volts:** | 115 | **Outlet:** | 1.25" FIPT w/1.5" FIPT elbow |
| **Amps:** | 5.5 | **Dimensions:** | 6"L x 9"W x 14"H |
| **Watts:** | 575 | | |

### SH5000 Model Specifications

| | | | |
|---|---|---|---|
| **Volts:** | 115 | **Outlet:** | 1.5" FIPT w/1.5" FIPT elbow |
| **Amps:** | 9 | **Dimensions:** | 9.5"L x 12"W x 15.75"H |
| **Watts:** | 950 | | |

### SH6500 Model Specifications

| | | | |
|---|---|---|---|
| **Volts:** | 115 | **Outlet:** | 1.5" FIPT w/1.5" FIPT elbow |
| **Amps:** | 9.5 | **Dimensions:** | 9.5"L x 12"W x 15.75"H |
| **Watts:** | 1000 | | |

## IONIZERS

### TRITON IONIZER

The Triton Ionizer's modular design is at the cutting edge of innovation, featuring tool-less, seamless integration with our award-winning Triton Check Valve! Safe for animals and plants and unaffected by sunlight and heat, this mineralized water maintains a residual ability to treat organics, greatly reducing the need for chemical treatments.

### HOW IT WORKS

The Triton Ionizer utilizes the same union fittings and adapters as the Triton Check Valve, so connecting the Ionizer above or below the Check Valve takes only seconds. Periodic replacement of electrodes is just as simple. Instead of the whole assembly, only the electrodes are changed, again without needing tools. It doesn't get any simpler or better designed than this!

### Features

- Safe for fish and plants
- Low maintenance
- Clears water without the use of harsh chemicals
- Level of mineralization is controlled by the LED panel
- Treats ponds up to 25,000 gallons
- Easily installed in any new or existing water feature
- Electrodes are easily replaced without tools
- 1-year warranty

### TRITON IONIZER REPLACEMENT ANODE

**Part Number:** TRION2-RA

### MDFH1020 Model Specifications

| | |
|---|---|
| **Description:** | Electronic Water Clarifier |
| **Application:** | Pond / Pond-free / Fountain |
| **Input Voltage:** | 12 volt AC |
| **Watts:** | 2 |
| **Inlet/Outlet:** | 2" Sch 40 PVC |
| **For Use With:** | 1000 – 2000 gph MD pumps |
| **Includes:** | Outdoor transformer and copper test strips |

Waterscapes By Atlantic

## COLOR CHANGING COLORFALLS

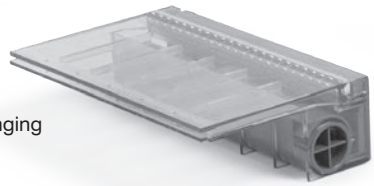
Atlantic's Color Changing Colorfalls add a whole new dimension to Formal Spillways. The modular body style offers easier maintenance, with a removable back for easy access and side plumbing ports. A more generous weir opening resists clogging and creates a thicker, fuller sheer for extra color and less wind deflection. The innovative modular design with easy to install threaded couplings makes connecting any number of falls together a snap! The LED light bar offers 48 vibrant color options and 16 patterns via remote control.

### Colorfalls Features

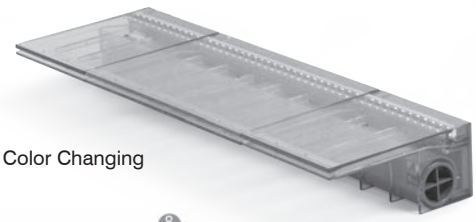
1) Larger weir opening produces a thicker sheer, less splash, more color and less chance of clogging
2) Redesigned supports eliminate splitting of the water sheer and increase load capacity
3) 1½" FIPT side and back plumbing options for maximum versatility
4) Includes (2) 1½" plugs for unused plumbing inlets
5) Self-draining body for easy winterization
6) Removable baffle for easy cleaning and servicing
7) Color Changing LED light bar that is accessible from the rear of the unit
8) Removable back plate provides unparalled access to the interior and light bar for routine maintenance
9) Includes threaded adapter for connecting multiple Color Changing Colorfalls

### Color Changing Features

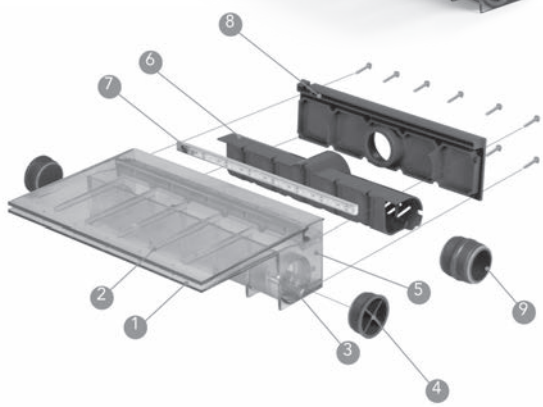
- 5" lip extension
- 12 volt single control module with weather resistant outdoor enclosure & remote control
- 20' power cord
- 1-year warranty



12" Color Changing



24" Color Changing




### CC06 Model Specifications

| | |
|---|---|
| **Description:** | 6" Color Changing Colorfalls |
| **Flow Rate:** | 600 gph |
| **Input Voltage:** | 12 volt DC |
| **Watts:** | 3.5 Variable |
| **Inlet:** | 1.5" FIPT |
| **Dimensions:** | 6"W x 8"D x 3.5"H |

### CC12 Model Specifications

| | |
|---|---|
| **Description:** | 12" Color Changing Colorfalls |
| **Flow Rate:** | 1200 gph |
| **Input Voltage:** | 12 volt DC |
| **Watts:** | 7 Variable |
| **Inlet:** | 1.5" FIPT |
| **Dimensions:** | 12"W x 8"D x 3.5"H |

## Stainless Steel Scuppers

Atlantic's newest entry to the Formal Spillways category, our Stainless Steel Scuppers bring a polished, gleaming dimension to our spillway line. Constructed of durable 304 stainless steel and available in the same sizes as our popular Colorfalls, these sleek modern Scuppers put a sharp, fresh shine on your formal water feature project.

12" Scupper

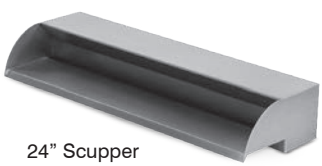
### SS12 Model Specifications

| | |
|---|---|
| **Description:** | 12" Stainless Steel Scupper |
| **Flow Rate:** | 1200 gph |
| **Inlet:** | 1.5" FIPT |
| **Dimensions:** | 12"W x 8.5"D x 4"H |

### Features

- 1) Larger 5" lip extension
- Fully welded enclosure
- 304 Stainless steel
- 1-year warranty

Scupper Inlet



24" Scupper

### SS24 Model Specifications

| | |
|---|---|
| **Description:** | 24" Stainless Steel Scupper |
| **Flow Rate:** | 2400 gph |
| **Inlet:** | 1.5" FIPT |
| **Dimensions:** | 24"W x 8.5"D x 4"H |

Waterscapes By Atlantic

**BF1600**

### OASIS FilterFalls Features

1. Sturdy top grate and support bar allow natural rock camouflage
2. Media bag for additional biological filtration
3. Dual Bio-Tech filter mats for biological filtration
4. Sturdy bottom grate supports filter media
5. Rolled upper rim provides clean lines and incredible strength
6. One-piece liner attachment flange
7. Heavy-duty 1½" FIPT bulkhead

### BF1600 Model Specifications

| | |
|---|---|
| **Waterfall Width:** | 16" Spillway |
| **Dimensions:** | 21.5W x 19.5D x 17.75H |
| **Pump Flow Range:** | 1000 – 3900 gph |
| **Bulkhead:** | 1.5" |
| **Pond Volume:** | up to 250 gallons |
| **Match to Skimmer:** | PS3900 |

Model BF1600 shown

---

### SP1900 and SP 2600

featuring deep plumbing channels on top of the basins, easy access pump chambers and external flow adjustment for convenient installation and maintenance. Now they're even better, with new internal buttressing cones for greater rigidity. Count on Atlantic to keep on performing!

### OASIS FilterFalls Features

1. Sturdy top grate and support bar allow natural rock camouflage
2. Media bag for additional biological filtration
3. Dual Bio-Tech filter mats for biological filtration
4. Sturdy bottom grate supports filter media
5. Rolled upper rim provides clean lines and incredible strength
6. One-piece liner attachment flange
7. Heavy-duty 1½" FIPT bulkhead

### SP1900 Model Specifications

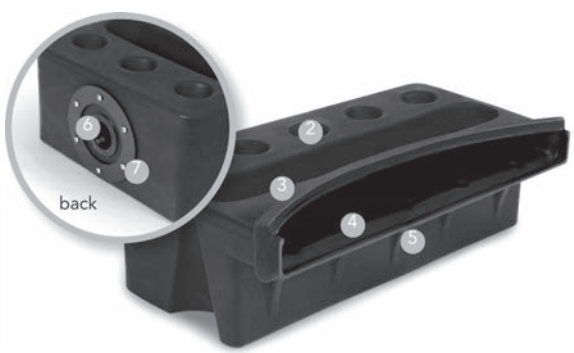
| | |
|---|---|
| **Dimensions:** | 20.5W x 17D x 10.25H |
| **Waterfall Width:** | 19" |
| **Bulkhead:** | 1.5" |
| **Max Pump Flow:** | 4000 gph |
| **Bulkhead:** | 2" FIPT |

### SP1900 Model Specifications

| | |
|---|---|
| **Dimensions:** | 27.5W x 17D x 10.25H |
| **Waterfall Width:** | 26" |
| **Bulkhead:** | 1.5" |
| **Max Pump Flow:** | 6000 gph |
| **Bulkhead:** | 2" FIPT |

**SP1900**

**SP2600**



Waterscapes By Atlantic

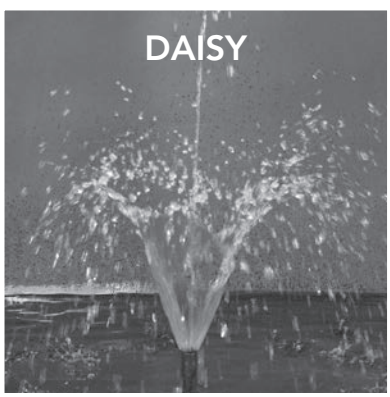
Add another dimension to your water garden with Atlantic's Fountain Heads. Compatible with all of Atlantic's Mag Drive Pumps, these versatile Fountain Heads pivot to make leveling easy, telescope to adjustable heights and feature four different spray patterns to choose from..

**MDFH2575 Model Specifications**

| | |
|---|---|
| **Description:** | Telescoping Fountain Head |
| **Min Height:** | 12" |
| **Max Height:** | 18" |
| **Inlet:** | 3/4" FITP |
| **Outlet:** | 1/2" insert |
| **For Use With:** | 250 – 750 gph MD pumps |
| **Includes:** | Telescoping diverter w/4 interchangeable fountain heads |

**MDFH1020 Model Specifications**

| | |
|---|---|
| **Description:** | Telescoping Fountain Head |
| **Min Height:** | 15" |
| **Max Height:** | 22" |
| **Inlet:** | 1" FITP |
| **Outlet:** | 1" MIPT |
| **For Use With:** | 1000 – 2000 gph MD pumps |
| **Includes:** | Telescoping diverter w/4 interchangeable fountain heads |



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## VASE FOUNTAINS

Waterscapes By Atlantic

**FTNPP32**

### FTN CC24 and FTN CC32

During the day the three sizes create the welcome sights and sounds of dancing water, bubbling up and cascading down their sides – but in the dark, they come alive with light! Working on the same technology as our Color Changing Colorfalls, these vases radiate in 48 different colors, or in 16 different pre-programmed patterns, with speed and intensity regulated by Remote Control.

### Features

- Color changing LED light ring
- Remote control and control module
- Integrated anchor base for increased stability
- Durable rotomolded polyethylene construction
- Simulated granite finish
- Sold individually or as a 3-piece kit
- Each color changing vase includes LED light ring, SOL control module and remote

**FTNPP32 Model Specifications**

| | |
|---|---|
| **Description:** | Fiberglass Pebble Pot |
| **Inlet:** | .75 insert fitting |
| **Dimensions:** | 18”W x 32”H |
| **For Use With:** | FB3200 Basin & F400 pump |

**FTN CCV24 Model Specifications**

| | |
|---|---|
| **Description:** | Color Changing Vase |
| **Inlet:** | .75” PVC pipe |
| **Dimensions:** | 12”W x 24”H |
| **For Use With:** | FB3200 Basin, FBKIT1 & FP300 pump |

**FTN CCV32 Model Specifications**

| | |
|---|---|
| **Description:** | Color Changing Vase |
| **Inlet:** | .75” PVC pipe |
| **Dimensions:** | 14”W x 32”H |
| **For Use With:** | FB3200 Basin, FBKIT1 & FP400 pump |

Patent Pending

## FOUNTAIN BASINS

### FB3200

When they were introduced, Atlantic Fountain Basins were already the strongest and best-designed on the market, featuring deep plumbing channels on top of the basins, easy access pump chambers and external flow adjustment for convenient installation and maintenance. Now they’re even better, with new internal buttressing cones for greater rigidity. Count on Atlantic to keep on performing!

### PRO Series Fountain Basin Features

1. One-piece construction provides exceptional strength.
2. Built-in channels simplify installation, allowing the plumbing to be run on top of the basin.
3. Seven molded cones support the top panel.
4. Recessed pocket accepts the Triton 3-Way Diverter. Adjusting the water flow to multiple pieces has never been easier.
5. Recessed 11/2” conduit recesses allow for clean installation in surrounding masonry without notching
6. Flat panel for optional AF1000 Auto Fill installation

**FB3200 Model Specifications**

| | |
|---|---|
| **Dimensions:** | 32”W x 13”H |
| **Max Pump Flow:** | 2000 gph |
| **Plumbing Size:** | (3) .75” or (1) 1” hose |
| **Capacity:** | 32 Gallons |
| **Supports Up To:** | 400 lbs. |

Model FB-4600 shown

**INTERNAL CONE SUPPORT SYSTEM**







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## BASIN KITS

Waterscapes By Atlantic

### CFBASINKIT12 and CFBASINKIT24

Atlantic Basin Kits are designed to fit all our formal spillways perfectly. Whether you're adding the shimmering nighttime enchantment of a Classic or Color Changing Colorfalls or the elegant touch of class of the Stainless Steel Scupper, our Basin Kits provide everything you need to complete the installation, from the reservoir to the plumbing to the pump, with double filtration, tubing, fittings, anti-splash mat and even an Automatic Fill Valve.

**CFBASINKIT12 Model Specifications**

| | |
|---|---|
| **Description:** | Complete Basin Kit |
| **For Use With:** | All 12" Spillways |
| **Dimensions:** | 20"W x 20"D x 16"H |
| **Includes:** | CFBASIN12 and TW 1200 pump |

**CFBASINKIT24 Model Specifications**

| | |
|---|---|
| **Description:** | Complete Basin Kit |
| **For Use With:** | All 24" Spillways |
| **Dimensions:** | 44"W x 22"D x 16"H |
| **Includes:** | CFBASIN24 and TW 2400 pump |

### Basin Kits Include

- Colorfalls Basin & TW2 Pump
- 1½" x 10' Flexible PVC Pipe
- Splash Mat
- AF1000 Auto Fill
- Complete Installation Kit including pump discharge, flow valve, spray glue and thread sealant

12" Basin Kit

24" Basin Kit

## PUMP VAULTS

### PV1700

Atlantic's heavy-duty one-piece rotomolded Pump Vaults offer all the strength and versatility you need for your Pond-free projects. Liberal volumes and copious flow capacities handle multiple pump configurations and larger pumps, while strong, tightly-fitting covers and generous openings provide easy pump and pipe access.

1. Inset lid keeps gravel from falling into the vault
2. Pump discharge step fittings for 1½" & 2" pipe provided on both sides of the vault
3. Flat front panel installs tight against Eco-Blox for a compact basin
4. Recessed pockets accept Triton 3-Way Diverter for use with the Eco-Rise
5. Flat panel for 1½" pipe for use with the Eco-Rise

**PV1700 Model Specifications**

| | |
|---|---|
| **Dimensions:** | 17"W x 12"D x 22"H |
| **Max Pump Flow:** | 3900 gph |
| **Opening:** | 10" |

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Waterscapes By Atlantic

**FBKIT1**

**FBKIT1 Model Specifications**

**For Use With:** FP200 – 500 & MD250 – 750

- Single ball valve
- 6' of .75" diameter kink-free hose
- (1) standpipe sealant strip
- .75" insert x .75" socket fitting
- 1.5" cord stopper for conduit sleeve

*.75" PVC standpipe & pump not included

**FBKIT3**

**FBKIT3 Model Specifications**

**For Use With:** FP1200 – 2400 & MD1000 – 2000

- Triton 3-Way Diverter
- 20' of .75" diameter kink-free hose
- (3) standpipe sealant strips
- (3) .75" insert x .75" socket fittings
- (2) 1.5" cord stoppers for conduit sleeve

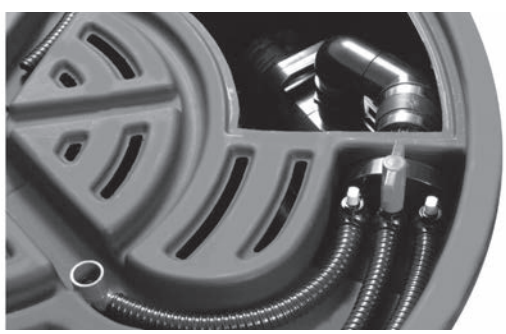
*.75" PVC standpipe & pump not included

**TR3WAY**

The Triton 3-Way Diverter is the only manifold designed exclusively for pond-free fountain installations. The 1½" inlet allows unrestricted flow into the manifold, delivering the maximum possible volume to all three of the 3/4" outlets. True 'ball' style valves with removable handles enable independent flow adjustment of each outlet. The compact design makes it a perfect fit for installation in all Pump Vaults and Fountain Basins.

**TR3WAY Model Specifications**

| | |
|---|---|
| **Dimensions:** | 5.75"L x 4.5"W x 2.875"H |
| **Inlet:** | 1.5" FIPT |
| **Outlet:** | (3) .75" Insert |
| **Includes:** | (2) removable "T" handles |



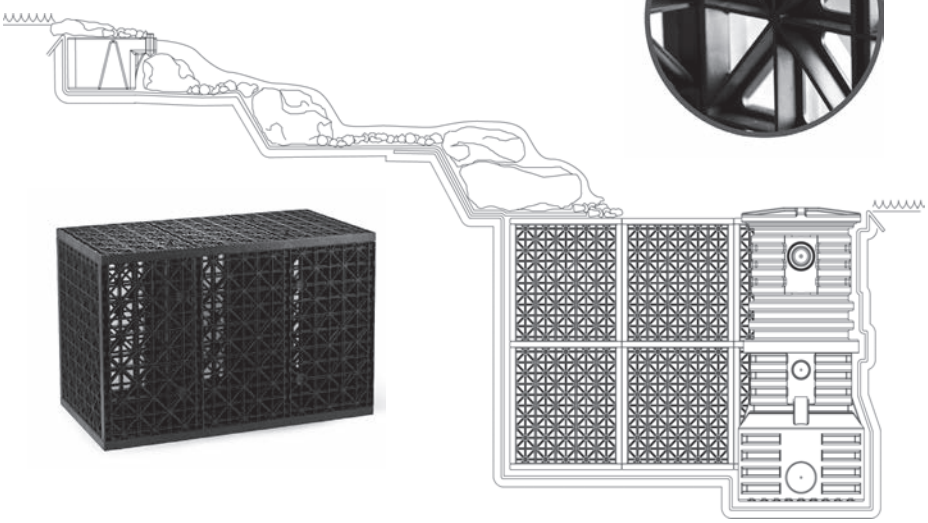
Waterscapes By Atlantic

## ECO-BLOX

Atlantic's proprietary Eco-Blox water matrix saves you time and money on all your rainwater harvesting, stormwater management and pond-free installations. With 96% void space, Eco-Blox reservoirs store large volumes of water easily and economically. Underground and out of sight, their enormous strength allows for landscaping right over the reservoir.

**PV1700 Model Specifications**

| | |
|---|---|
| **Dimensions:** | 27"L x 16"W x 17.5"H |
| **Capacity:** | 31.5 Gallons |
| **Application:** | Ponf-free / Fountain / Rain Harvesting |



Eco-Blox water matrices still hold 31.5 gallons of water but support even greater loads this year, with an all-new formulation that increases flexibility and ease of assembly even under the most adverse conditions, and provides greater comprehensive and point load strength for a lifetime of dependable service!

## ECO-RISE

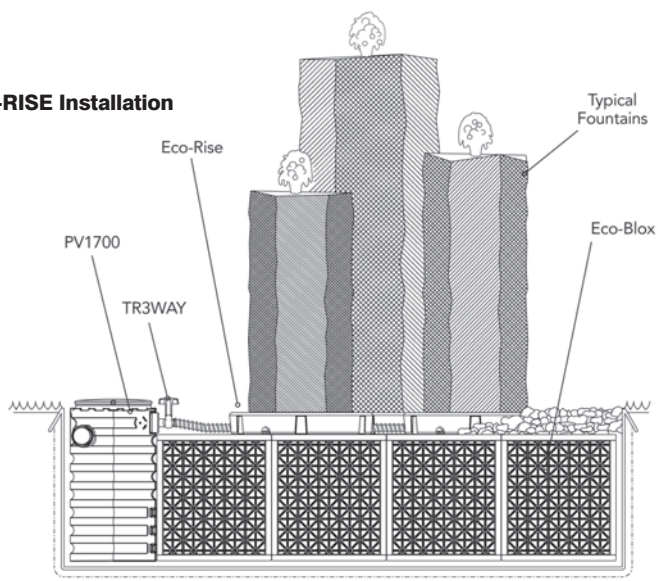
The extremely strong radial structure handles the weight of heavier statuary, vases and columns while providing a broad stable base over Eco-Blox reservoirs. The versatility of the Eco-Rise used in conjunction with Eco-Blox, PV1700 Pump Vault and Triton 3-Way Diverter allows for multiple features in any configuration above odd basin shapes, while keeping plumbing and flow adjustment topside for easy access.

**ECORISE20 Model Specifications**

| | |
|---|---|
| **Dimensions:** | 20"L x 20"W x 3"H |
| **Plumbing Size:** | .75" to 1.5" |
| **Max Load:** | 3000 lbs. |

**Typical Fountain ECO-RISE Installation**

PV1700 Pump Vault shown with 3-Way Diverter installed for use with the Eco-Rise and Eco-Blox. Add a second pump and a second 3-Way Diverter to control up to six water features from a single PV1700 Vault.





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Waterscapes By Atlantic

### PS7000 and PS15000

Atlantic's Pond Skimmers offer just what you need for all of your pond projects. With ample pre-filtration options, auto fill capacity, complete freedom in plumbing location, multiple pump capability and remarkable strength and rigidity, these versatile components allow for every style and preference!

### PRO Series Skimmer Features

1. Sturdy removable top lid supports natural rock camouflage and foot traffic
2. Heavy-duty brush panel provides maximum surface area for mechanical filtration
3. Heavy-duty stainless steel framed trap net for catching large debris
4. Rolled upper rim provides clean lines and great strength
5. Super Flow weir door for maximum surface cleaning
6. High-density polyethylene shell for the ultimate in durability

**PS7000 Model Specifications**

| | |
|---|---|
| **Weir Width:** | 9" |
| **Internal Water Depth:** | 17.5" |
| **Dimensions:** | 25"W x 30"D x 24"H |
| **Max Pump Flow:** | 7000 Gallons |
| **Sq. Ft. Rating:** | 900 lbs. |
| **Filtering:** | Net, Brush panel |
| **Match to Filter Falls:** | BF2600 |

**PS15000 Model Specifications**

| | |
|---|---|
| **Weir Width:** | 14" |
| **Internal Water Depth:** | 24.5" |
| **Dimensions:** | 28"W x 33"D x 31"H |
| **Max Pump Flow:** | 15,000 Gallons |
| **Sq. Ft. Rating:** | 1400 lbs. |
| **Filtering:** | Net, Brush panel |
| **Match to Filter Falls:** | BF3800 |

Model PS7000 shown

**PS7000**

**PS7000**

## SUREPRO MISCELLANEOUS

### PLANT BASKETS

- Allows soil to be placed in basket without lining
- Allows water to reach root system
- Plant and fish friendly
- Prevents soil from eroding away
- 9" diameter round or 12" square

| Product Code | Description |
|---|---|
| SPPBR | SurePro Plant Basket 9" Round |
| SPPBS | SurePro Plant Basket 12" Square |

## EPDM LINER

Firestone PondGard RUBBER LINERS

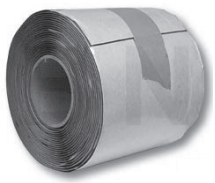
### FIRESTONE PONDGARD EPDM LINER

PondGard membrane is based on EPDM synthetic rubber, a highly flexible stable waterproofing membrane. PondGard is specially formulated to be safe for exposure to fish and plant life in decorative ponds. It can easily be shaped to fit the unique contours of any pond. PondGard shows outstanding resistance to the harmful effects of ultraviolet radiation (UV), ozone and other environmental conditions. It requires little or no regular maintenance once installed.

| Product Code | Description |
|---|---|
| PL5100 | 5' X 100" EPDM Liner |
| PL10100 | 10' X 100" EPDM Liner |
| PL15100 | 15' X 100" EPDM Liner |
| PL20100 | 20' X 100" EPDM Liner |
| PL25100 | 25' X 100" EPDM Liner |
| PL30100 | 30' X 100" EPDM Liner |
| PL40100 | 40' X 100" EPDM Liner |
| PL50100 | 50' X 100" EPDM Liner |
| PL550 | 5' X 50' EPDM Liner |
| PL1550 | 15' X 50' EPDM Liner |
| PL1050 | 10' X 50' EPDM Liner |
| PL2050 | 20' X 50' EPDM Liner |
| PL2550 | 25' X 50' EPDM Liner |
| PL3050 | 30' X 50' EPDM Liner |
| PL4050 | 40' X 50' EPDM Liner |
| PL5050 | 50' X 50' EPDM Liner |

## MISCELLANEOUS - ACCESSORIES

Firestone BUILDING PRODUCTS



### W56RAC1693

Firestone QuickSeam Cover Strip, 6" X 25'

- 6" wide cover tape for seaming EPDM rubber liner. Sticky on one side

### W563582023

Firestone QuickSeam Silicone Roller, 1 5/16"

### W563582045

Firestone QuickSeam Scrubber Kit

- Includes 30 scrub pads and four holders that allow the installer to apply QuickPrime Plus or Seam Prep when seaming two sections of PondGard EPDM liner



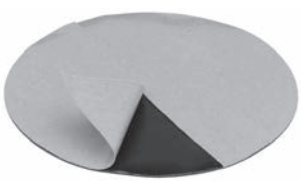

### W563587112

Firestone QuickPrime Plus, 1 gal. (W563587041) or qt.

- Designed to clean and prime Firestone EPDM prior to the application of the QuickSeam products

### W56RAC1646

Firestone QuickSeam Corner Flashing, 8 1/2" diameter







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## UNDERWATER LIGHTING



SUREPRO

### SurePro Underwater Lighting

With the right lighting, water gardens can be enjoyed long after the sun sets. Light adds new dimension to landscapes and waterscapes as the white or colored hues play against the ripples of the water, magnify the pleasing effect of fountains or underscore the beauty of statues and other forms of garden art.

### SPLEDK

- Submersible LED Light and Transformer kit includes one LED light with free standing support, fountain nozzle attachements in two different lengths and transformer
- Contains one LED light with 11 different pre-programmed lighting Options

| Product Code | Description |
|---|---|
| SPLEDK | SurePro Underwater Kit w/ Transformer, Fixture & LED Lamp |

### SPLEDF

- LED Light with stand and nozzle attachments. LED light with 20' power cord connects to 120V transformer
- Comes pre-programmed with 11 lighting options ranging from brilliant red to a continuous transition of soft color, you can easily reflect any mood

| Product Code | Description |
|---|---|
| SPLEDF | SurePro Underwater Fixture w/ LED Lamp |

### SPLEDL

- LED Replacement Bulb is programmed with 11 different modes — choose from Red, Yellow, Green, Aqua, Blue, Purple, White, Celebration mode and three time-changing Spectrum mode options. Each easily installed fixture features push-in, MR16-style terminal power pins

| Product Code | Description |
|---|---|
| SPLEDL | SurePro LED Replacement Lamp |

### SPLVK

- Fully submersible 12V light
- 20W MR16 halogen lamp
- Includes one each colored lens (Yellow, Blue, Red and Green)
- Weather-proof, 120V transformer with on-off timer
- Powers up to three 20W lights

| Product Code | Description |
|---|---|
| SPLVK | SurePro Underwater Kit w/ Transformer, Fixture & MR-16 Lamp |

### SPLVF

- Fully submersible 12V light with 20W MR16 halogen lamp
- Includes one each colored lens (Yellow, Blue, Red and Green)

| Product Code | Description |
|---|---|
| SPLVF | SurePro Underwater Fixture w/ MR-16 Lamp |

## POND ACCESSORIES

### PIPE

| Product Code | Description |
|---|---|
| FLEX0550 | 1/2" flex PVC hose, 50' |
| FLEX07550 | 3/4" flex PVC hose, 50' |
| FLEX150 | 1" flex PVC hose, 50' |
| FLEX12550 | 1 1/4" flex PVC hose, 50' |
| FLEX1550 | 1 1/2" flex PVC hose, 50' |
| FLEX250 | 2" flex PVC hose, 50' |
| FLEX350 | 3" flex PVC hose, 50 |

**For complete information on waterscaping; from how to install it to how to sell it, visit horizononline.com.**

### Liquid Water Clarifiers

#### MICROBE-LIFT/PL

- Use any time your pond water is not as clear as you'd like, the temperature is over 45°F (8°C), or there is sediment buildup on the bottom of your pond or your pond is not cycling
- Balances your pond's ecosystem by establishing all natural biological processes required to: keep water clear and clean; reduce or eliminate organic sludge buildup; and seed your filter
- Does the work of three to four competitive products
- The only pond product with photosynthetic microorganisms
- Safe if pets drink out of a pond treated with PL

#### BARLEY STRAW CONCENTRATED EXTRACT (CBSE)

- Start in the spring before water temperatures reach 50°F (10°C) and continue throughout the year to provide water clarity when ML/PL alone does not provide the desired results
- Preferred by pond owners with bottom drains since it leaves no residue
- Provides many of the same benefits as ML/BSP but without the peat so there is no residue
- Contain pre-digested barley that release these same compounds within one to five days

#### ALGAWAY 60

- Chemical algae eliminator formulated for decorative ponds and fountains, irrigation ponds, water hazards and retention ponds
- Eliminates most planktonic and filamentous algae quickly and efficiently and there's no phytotoxicity so water is safe for irrigation, turf and shrubs
- Is a highly concentrate (60% active ingredient) EPA registered algaecide

#### ALGAWAY 5.4

- Algaecide for ponds
- Can be applied to areas that contain fish and plants
- 5.4% active ingredient
- For use in self-contained ornamental ponds and fountains without overflow

| Product Code | Description |
|---|---|
| 10PBLXG | Microbe-Lift Pro Blend Liquid gal. |
| 10PBLXQ | Microbe-Lift Pro Blend Liquid qt. |
| MLCBSE1L | Microbe-Lift Concentrate Barley Straw Ext 32 oz. |
| AAG60G | Microbe-Lift Algaway 60, 1 gal. |
| AAG60Q | Microbe-Lift Algaway 60, 32 oz. |
| ALGA16 | Microbe Lift Algaway 5.4, 16 oz. |
| ALGAG | Microbe-Lift Algaway 5.4, 1 gal. |

### Dry Water Clarifiers

#### BSP (BARLEY STRAW PELLETS+)

- Start in the spring before water temperatures reach 50°F (10°C) and continue maintenance throughout the year
- To provide additional water clarity when MICROBE-LIFT/PL alone does not provide the desired degree of clarity
- Pellets sink to the bottom within minutes and dissolve quickly
- May turn pond water a tea-color for 10 to 14 days and does leave a residue from the peat

| Product Code | Description |
|---|---|
| 10BSPP2.2 | Microbe-Lift Barley Straw Pellets |
| 10BSPP4.4 | Microbe-Lift Barley Straw Pellets |

### Specialty Bacteria & Enzyme Products

#### NITE-OUT II

- Use when the ammonia levels in your pond exceed 0.8 mg/L and the temperature is over 50°F (10°C), especially useful when starting up a pond and when nitrite buildup is observed
- Quickly establishes the necessary populations required to efficiently cycle nitrogen compounds in the pond, i.e. oxidize ammonia to nitrite, and nitrite to nitrate
- Acts within a day or two to lower ammonia nitrogen and nitrite nitrogen levels naturally

#### SA (SLUDGE AWAY)

- Use any time there is excessive non-cellulosic organic sludge buildup in the bottom of the pond, especially rock bottom ponds
- Helps solubilize organic sludges making them more readily available for biodegradation
- Has been shown to break down up to 3" of sludge in as little as four weeks
- Should be used with Microbe-Lift/PL

| Product Code | Description |
|---|---|
| NITE32 | Microbe-Lift Niteout II Nitrifying Bacteria 32 oz. |
| MLXSAG | Microbe-Lift Sludge Away gal. |
| MLXSAQ | Microbe-Lift Sludge Away qt. |





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## Chemical Water Treatments

### FLOCCULANT PLUS

- To clear cloudy water and improve filtration
- A proprietary water clarifier formulation used to attract and coagulate suspended solids in the pond water
- After use, particles in the water settle to the bottom of the pond and/or filter out through the filter system

### DEFOAMER

- Use when unsightly foaming is persistent in ponds and fountain of all sizes
- Eliminates foam in seconds leaving pond water clean and clear by increasing surface tension of the water
- Foaming can indicate a heavy concentration of undissolved particulate organics

| Product Code | Description |
|---|---|
| FPLUS16 | Microbe-Lift Flocculant PLUS 16 oz. |
| FPLUS32 | Microbe-Lift Flocculant PLUS 32 oz. |
| DFOAM16 | Microbe-Lift Defoamer 16 oz. |
| DFOAM32 | Microbe-Lift Defoamer 32 oz. |

## Filter Products

### SUPER START BEAD FILTER BACTERIA

- Use when starting up a bead filter or after maintenance or rebedding of the filter
- Provides population that quickly colonizes beads to provide rapid startup of bead filters
- Helps to stabilize overall process especially after maintenance
- Contains populations that are effective in producing biopolymers, gluelike substances, that aid in bacterial attachment and film formation

| Product Code | Description |
|---|---|
| MLBFBQ | Microbe-Lift Bead Filter Bacteria 1 qt. |

BioSafe Systems LLC GreenClean Granular Algaecide

### BIOSAFE

- Works on contact to control algae in water gardens, ornamental ponds, fountains, and other water features
- Patented formula immediately begins fighting algae blooms, releasing vital oxygen into the water body as it biodegrades
- Ready-to-use

| Product Code | Description |
|---|---|
| GREENCLEAN2 | 2lb. bottle algaecide |
| GREENCLEAN8 | 8lb. bottle algaecide |
| GREENCLEAN20 | 20lb. pail algaecide |



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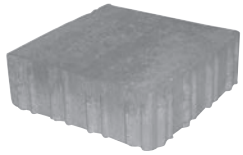
PAVESTONE®



## ECO-VENETIAN STONE™ COMBO

Its modular square and rectangular shapes and uniquely attractive cleft surface set it apart from other permeable pavement treatments. This texture resembles stone facing and invokes a more natural convention. The Eco-Venetian Stone™ larger scales lends itself to stately residential settings and more expansive commercial applications.

The unique Eco-Venetian™ joint profile allows surface water to infiltrate into the pavement and its sub-layers. With initial permeability average flow rates of over 100" per hour, the Eco-Venetian™ product, even with a clogging factor, will still meet the majority of current storm water management plans (SWMP).

| **Specifications:** | |
|---|---|
| **Giant — 3 1/8"**<br><br>Length: 9 3/16"<br>Width: 9 3/16"<br>Height: 3 1/8"<br>Stone/Pallet: 80 Stones | **Large Rectangle — 3 1/8"**<br><br>Length: 9 3/16"<br>Width: 4 1/2"<br>Height: 3 1/8"<br>Stones/Pallet: 80 Stones |
| **Square — 3 1/8"**<br><br>Length: 4 1/2"<br>Width: 4 1/2"<br>Height: 3 1/8"<br>Stones/Pallet: 48 Stones | **Med. Rectangle. — 3 1/8"**<br><br>Length: 6 13/16"<br>Width: 4 1/2"<br>Height: 3 1/8"<br>Stones/Pallet: 96 Stones |
| **Applications:** | |
| Parking Lots<br>Driveways<br>Patios<br>Entrance Areas<br>Sidewalks | Terraces<br>Garden Pathways<br>Pool Decks<br>Pedestrian Malls<br>Roof Gardens |

## HOLLAND STONE

The renowned durability of interlocking pave stones, Holland Stone offers the old world charm of a simple paver shape. The rectangle shape can be installed in a number of fascinating patterns to produce simple or intricate designs.

Holland Stone is available in Standard, Parkway™ (non— chamfered edges), Provencial™ (smooth) and Heritage™ (tumbled) Series finishes.

| **Specifications:** | |
|---|---|
| **Holland Stone — 2 3/8"**<br><br>Length: 7 13/16"<br>Width: 3 7/8"<br>Height: 2 3/8"<br>Stones/Pallet: 480 stones | **Holland Stone — 3 1/8"**<br><br>Length: 7 13/16"<br>Width: 3 7/8"<br>Height: 3 1/8"<br>Stones/Pallet: 384 stones |
| **Applications:** | |
| General Road Construction<br>Parking Lots<br>Gas Stations<br>Driveways<br>Patios<br>Highway Ramps<br>Highway Rest Areas<br>Bridge Underpasses<br>Entrance Areas<br>Industrial Plants<br>Industrial Yards<br>Storage Depots | Loading Docks<br>Flooring in Stables<br>Sidewalks<br>Terraces<br>Garden Pathways<br>Pool Decks<br>Beach Promenades<br>Pedestrian Malls<br>Roof Gardens<br>Street Medians |

## PLAZA STONE

This timeless paving stone offers a rich embossed surface for multiple applications. It has an array of stone shape options and is available in many colors.

The Plaza Stone comes with a non-tumbled finish which is shown here but is also available in the Plaza Stone Heritage or tumbled finish which will add additional texture to the stones finish.

| **Specifications:** | |
|---|---|
| **Large Rectangle — 2 3/8"**<br><br>Length: 8 3/16"<br>Width: 5 7/16"<br>Height: 2 3/8"<br>Stones/Pallet: 300 stones | **Large Rectangle — 3 1/8"**<br><br>Length: 8 3/16"<br>Width: 5 7/16"<br>Height: 3 1/8"<br>Stones/Pallet: 240 stones |
| **Plaza Stone — Square — 2 3/8"**<br><br>Length: 5 7/16"<br>Width: 5 7/16"<br>Height: 2 3/8"<br>Stones/Pallet: 480 stones | **Plaza Stone — Square — 3 1/8"**<br><br>Length: 5 7/16"<br>Width: 5 7/16"<br>Height: 3 1/8"<br>Stones/Pallet: 384 stones |
| **Giant — 2 3/8"**<br><br>Length: 10 15/16"<br>Width: 8 3/16"<br>Height: 2 3/8"<br>Stones/Pallet: 160 stones | |
| **Applications:** | |
| General Road Construction<br>Parking Lots<br>Driveways<br>Patios<br>Bridge Underpasses<br>Entrance Areas<br>Flooring in Stables | Sidewalks<br>Terraces<br>Garden Pathways<br>Pool Decks<br>Pedestrian Malls<br>Roof Gardens |





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# Outdoor Living

## PAVERS (CONT.)

### VENETIAN STONE

The Venetian Stone™ product advent is the latest development in enhanced pavestones. Its uniquely attractive cleft surface sets it apart from other pavement treatments.

This texture resembles old world charm and invokes a traditional convention. The Venetian Stone™ larger scales lends itself to stately residential settings and more expansive commercial applications. Its modular pattern equalizes the scale of any project and is fitting to most any architectural elements. The standard finish is shown but the tumbled finish or Heritage™ finish of the Venetian Stone also adds additional texture from our standard finish.

| **Specifications:** | |
|---|---|
| **Giant — 2 3/8"**<br><br>Length: 11 3/4"<br>Width: 11 3/4"<br>Height: 2 3/8"<br>Stones/Pallet: 120 stones | **Large Rectangle — 2 3/8"**<br><br>Length: 11 3/4"<br>Width: 5 13/16"<br>Height: 2 3/8"<br>Stones/Pallet: 200 stones |
| **Rectangle — 2 3/8"**<br><br>Length: 8 3/4"<br>Width: 5 13/16"<br>Height: 2 3/8"<br>Stones/Pallet: 250 stones | |
| **Applications:** | |
| Driveways<br>Patios<br>Entrance Areas<br>Sidewalks<br>Terraces | Garden Pathways<br>Pool Decks<br>Pedestrian Malls<br>Courtyards<br>Plazas |

### VINTAGE STONE

The tumbled Vintage Stone™ Giant Heritage™ product mixture delivers scale, color, and modular design options for a unique pavement expression. The truly random pattern of Vintage Stone™ expands an infinite number of impression possibilities making it one of the most popular design tools for pavements today.

The tumbled Heritage™ texture and the Giant Vintage Stone™ open up the scale for more elegant designs.

| **Specifications:** | |
|---|---|
| **Vintage Stone™ Giant — 2 3/8"**<br><br>Length: 8 3/4"<br>Width: 8 3/4"<br>Height: 2 3/8"<br>Stones/Pallet: 200 stones | **Vintage™ Rectangle — 2 3/8"**<br><br>Length: 8 3/4"<br>Width: 5 13/16"<br>Height: 2 3/8"<br>Stones/Pallet: 250 stones |
| **Applications:** | |
| Driveways<br>Patios<br>Entrance Areas<br>Sidewalks<br>Terraces | Garden Pathways<br>Pool Decks<br>Pedestrian Malls<br>Courtyards<br>Plazas |

## RETAINING WALLS

PAVESTONE®

### ANCHOR HAMPTON STONE® BEVELED

Anchor Hampton Stone® is perfect for wall projects up to 3' (900 mm) and higher with reinforcement. The Anchor Hampton Stone® features a natural appearance, is available in warm earth tones, and in a straight or bevel face.

| Specifications: |
|---|
| Anchor Hampton Stone® Beveled<br><br>Length: 15 7/8"<br>Width: 10"<br>Height: 6"<br>Stones/Pallet: 45 stones<br>Face Ft./Pallet: 30 sq. ft. |
| Applications: |
| Terraced Gardens<br>Landscaped Retaining Walls<br>Geosynthetic Reinforced Tall Walls<br>Erosion Control |

### ANCHOR HIGHLAND STONE

The Anchor Highland Stone® with it's rough— hewn exterior and patented rear lip system is now available in both 6" and 3" heights. Use these stones alone or mixed together to create natural stone beauty without sacrificing stability.

The Anchor Highland Stone® is a integral part of the 3" or 6" Combo retaining wall system. It combines earthen tones, rich textures and varied contours to make it a reliable alternative to natural stone walls. The stone-like, multi-colored face contributes to the impression of a natural rock wall.

| **Specifications:** | |
|---|---|
| **Anchor Highland Stone® Large**<br><br>Depth: 12"<br>Width: 18"<br>Height: 6"<br>Stones/Pallet: 45 stones<br>Face Ft./Pallet: 33 sq. ft. | **Anchor Highland Stone® Medium**<br><br>Depth: 12"<br>Width: 12"<br>Height: 6"<br>Stones/Pallet: 48 stones<br>Face Ft./Pallet: 24 sq. ft. |
| **Anchor Highland Stone® Small**<br><br>Depth: 12"<br>Width: 6"<br>Height: 6"<br>Stones /Pallet: 80 stones<br>Face Ft./Pallet: 20 sq. ft. | |
| **Applications:** | |
| Terraced Gardens<br>Landscaped Retaining Walls<br>Geosynthetic Reinforced Tall Walls<br>Erosion Control | |

PAVESTONE®

## ANCHOR HIGHLAND STONE FSW (FREE STANDING WALL)

The Anchor Highland Stone® Free Standing Wall is crafted with the same earthen colors and rough-hewn texture that made Anchor Highland Stone® a top choice for retaining walls.

It is offered in a straight or curved option. The Anchor Highland Stone® Free Standing Wall is our most versatile product yet.

| Specifications: | |
|---|---|
| **Anchor Highland 6" FSW Front**<br>Depth: 9"<br>Width: 6"<br>Height: 6"<br>Stones/Pallet: 100 stones<br>Face Ft./Pallet: 32 sq. ft. | **Anchor Highland 6" FSW Back**<br>Depth: 9"<br>Width: 4"<br>Height: 6"<br>Stones/Pallet: 100 stones<br>Face Ft./Pallet: 32 sq. ft. |
| **Anchor Highland 12" FSW**<br>Depth: 9"<br>Width: 12"<br>Height: 6"<br>Stones/Pallet: 60 stones<br>Face Ft./Pallet: 30 sq. ft. | **Anchor Highland 18" FSW Front**<br>Depth: 9"<br>Width: 18"<br>Height: 6"<br>Stones/Pallet: 40 stones<br>Face Ft./Pallet: 30 sq. ft. |
| **Anchor Highland 18" FSW Back**<br>Depth: 9"<br>Width: 16"<br>Height: 6"<br>Stones/Pallet: 40 stones<br>Face Ft./Pallet: 30 sq. ft. | |
| **Applications:** | |
| Seating Areas<br>Borders | Pilasters<br>Columns |

## RUMBLED™ WALL

Capturing the old world charm, Rumbled™ Wall by Pavestone Company invites history and tradition into the modular wall product offering. Available in square and rectangle shapes, simplicity and functionalism are combined. Dry stacked or mortar set Rumbled™ Wall is easily constructed and visually distinguishes itself from other retaining structures.

| Specifications: | |
|---|---|
| **Rumbled Wall Square**<br>Depth: 8"<br>Width: 8"<br>Height: 4"<br>Stones/Pallet: 112 stones<br>Face Ft./Pallet: 25 sq. ft. | **Rumbled™ Wall Rectangle**<br>Depth: 8"<br>Width: 16"<br>Height: 4"<br>Stones/Pallet: 70 stones<br>Face Ft./Pallet: 31 sq. ft. |
| **Applications:** | |
| Landscape Walls<br>Grill Enclosures<br>Privacy Walls<br>Columns | Benches<br>Planters<br>Fountains |

28-Specialty-Hardscapes-R4A (no ads).indd 307 8/4/15 9:05 PM

# Outdoor Living

## PERMEABLE PAVERS

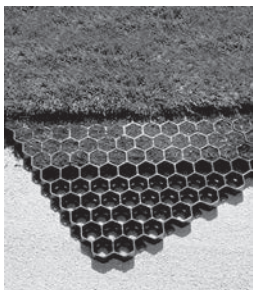
**Horizon Distributors offers all of the commonly specified permeable paver systems including:**

NDS
WE PUT WATER IN ITS PLACE

### NDS TUFFTRACK® GRASSROAD PAVERS®

**Permeable pavers designed for natural grass paved environments as an alternative solution to concrete, asphalt or similar surfaces.**

- Composed of a series of cells that connect to form a grid system which provides a stable and continuous surface that can withstand significant structural loads
- Designed to transfer vehicle load to the paver base while preventing soil compaction within paver cells
- Allow for healthy turf growth in areas of high traffic
- Aesthetically pleasing and environmentally friendly
- Can be used to achieve LEED® credits in multiple categories

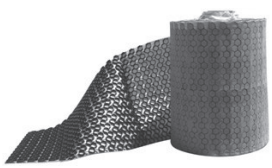


| Product Code | Description |
|---|---|
| TT24 | 24" X 24" Tufftrack® Grassroad Pavers® Black 1/132 4.00 55GP |

### NDS EZ ROLL™ GRASS PAVERS

**Plastic grass pavers that allow light to heavy vehicular traffic to drive over turf areas.**

- Prevents soil compaction, allowing healthy root growth where grass can thrive
- Used to stabilize soil and allow turf to grow in areas that would traditionally have impervious hardscaping installed
- Can be used as a BMP for NPDES Phase II compliance
- Pre-assembled rolls for easy installation

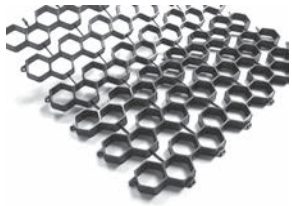


| Product Code | Description |
|---|---|
| EZ4X24 | EZ Roll™ Grass Pavers, 4' X 24' roll, 96 sq. ft. total |
| EZ4X150 | EZ Roll™ Grass Pavers, 4' X 150' roll, 600 sq. ft. total |

| RECOMMENDED INSTALLATIONS FOR NDS GRASS PAVERS | |
|---|---|
| • Frequent usage | • Emergency access roads that do not have frequent usage |
| • Heavy duty vehicles | • OK for heavy vehicles |
| • Heavy usage where vehicle tires will be turned frequently | • Must always be installed on a road base, even with light applications |
| • Can be used for light applications without a road base | |

### NDS EZ ROLL™ GRAVEL PAVERS

**A load transfer paving system designed to be placed directly on a clean stone or sandy gravel base.**



- Allows light to heavy vehicular traffic to travel over turf without damage
- Can be used for erosion control and help reduce or eliminate surface water runoff
- Includez a fabric covering that is heat bonded to the bottom surface and allows water to drain freely into sub grade
- Packaged in rolls that can be rolled out over the base materials, allowing for easy installation and savings on labor costs

| Product Code | Description |
|---|---|
| GP4X150 | EZ Roll™ Gravel Pavers, 4' X 150' roll |
| GP4X150G | EZ Roll™ Gravel Pavers, 4' X 150' roll |
| GP4X150R | EZ Roll™ Gravel Pavers, 4' X 150' roll |
| GP4X150T | EZ Roll™ Gravel Pavers, 4' X 150' roll |
| GPCLIP | EZ Roll™ Gravel Paver Clips |
| GPSTAKE | EZ Roll™ Gravel Paver Stake |

| RECOMMENDED APPLICATIONS FOR NDS GRAVEL PAVERS | | |
|---|---|---|
| • Golf cart paths | • Fire lanes | • Erosion control on slopes |
| • Residential driveways | • Emergency vehicle access roads | • Erosion control in swales |
| • Service roads | • Service vehicle utility roads | |
| • Parking lots | • Truck maintenance and equip-ment yards | |
| • Jogging tracks | • Construction entrance soil stabilization | |
| • Overflow parking area | | |
| • Bike paths | | |
| • Roadway shoulders | | |
| • RV and boat access/parking | | |
| • Truck & cart wash-down areas | | |



Denotes Smart Water products

Horizon

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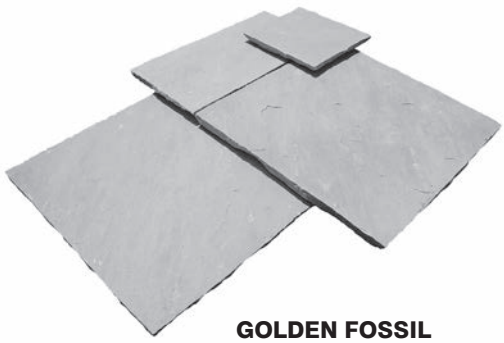
Stone Paving USA
it's only natural!

**This Classic series pre-cut calibrated flagstone is conveniently packaged to allow simple installation.**

- Flagstone can be thin-set over concrete or sand set on base.
- Less cutting leads to minimal waste
- Calibrated to a 1" thickness
- 1 pallet covers 205 Sq Ft

**LAKELAND**



**GOLDEN FOSSIL**

**DRY HARVEST**

**HARVEST**

**PROMENADE**

| Product Code | Description |
|---|---|
| SPU-GF-CLAS-1 | Golden Fossil Classic |
| SPU-SB-CLAS-1 | Steel Blue Classic |
| SPU-HAR-CLAS-1 | Harvest Classic |
| SPU-LAK-CLAS-1 | Lakeland Classic |
| SPU-PRO-CLAS-1 | Promenade Classic |
| SPU-CHA-CLAS-1 | Charcoal Classic |

Premiun series flagstone is also available in a variety of colors and finishes together with our Heritage range of pavers and cobblestones. Ask your local Horizon dealer for details.

# Outdoor Living

## QUIKRETE

**Concrete bonding adhesive permanently bonds new concrete, plaster, and stucco to existing concrete, plaster and stucco. Eliminates the need for roughing the surface before the application. Exceeds the performance of ASTM C 1059 Type I and II.**

**Use for:**

- Bonding New Concrete to old Concrete
- Bonding applications on concrete overlays 1" or thicker

**Waterproofing:**

Hydraulic Water-Stop Cement- is rapid setting, high strength repair material designed to plug leaks instantly in concrete and masonry. Sets in 3-5 minutes and can be used above and below grade. Designed to block running water or leaks in cracked masonry or concrete surfaces.

**Veneer Stone Mortar:**

Veneer Stone Mortar is a Portland cement and hydrate lime based mortar designed for veneer applications and tuck pointing of manufactured and natural stone.

**Concrete Mix:**

The original 4000 psi average compressive strength blend of Portland cement, sand, and gravel or stone.Just add water. Use for any general concrete work.

| Product Code | Description |
|---|---|
| 1150-47 | Power-loc Joint Sand |
| 1137-80 | 80# Veneerstone Mortar |
| 1126-11 | 10# Hydraulic Water Stop |
| 9902-10 | 10.1 Oz Construction Adhesive |
| 9902-11 | 29 Oz Construction Adhesive |
| 9902-01 | 1 Gal Concentrate Bonding Adhesive |
| 8610-01 | 1 Gal Acrylic Fortifier |
| 8670-06 | 1 Gal Oil Stain Remover |
| 8675-33 | 1 Gal Efflorescenceand Rust Remover |
| 8650-05 | 5.5 Stucco Repair Tube |
| 8640-15 | 5.5 Concrete Crack Seal |
| 8601-14 | Concrete and Asphalt Cleaner |
| 9901-14 | Quart Concrete Bonding Adhesive |
| 8640-00 | Quart Concrete Crack Seal |
| 1100-10 | 10# Quikrete 4000 Concrete Mix |
| 1102-10 | 10# Mortar Mix |
| 1319-18 | 10 oz Stucco Color-Sage |
| 1319-17 | 10 oz Stucco Color-Birch |
| 1319-01 | 10 oz Stucco Color-Charcoal |
| 1319-06 | 10 oz Stucco Color-Pewter |
| 8730-02 | 10 oz Stucco Color-Mocha |
| 1319-10 | 10 oz Stucco Color-Sandstone |
| 1245-11 | 10# Anchoring Cement |
| 1585-20 | 20# Fast Set Grout |
| 8610-10 | 10 Oz Self Leveling Sealant |
| 9800-01 | 1.5# Concrete Accelerator |
| 8730-02 | 1 Gal Concrete Sealer Satin Finish |
| 8800-05 | 1 Gal Water Proofing Sealer-Natural Look |

TURFGRO

## TURFGRO SELECT

A 1.5" pile, polyethylyne monofilament with thatch construction. Designed specifically for landscape application to enhance recovery.

**Recommended Use:** Light to moderate Traffic

**Colors:** Field Green/Olive Green or Field Green/ Lime Green

**Features:**

- Designed to truly replicate grass
- 1.5" blade height to achieve a natural appearance
- Uniquely formulated polyurethane coated backing provides greater seam strength and durability. Not water soluble
- Heat and frost resistant, UV stabilized
- No harmful environmental effects
- Non-flammable, ant-acid yarn resistant to chemical attack

| Turf Characteristics | | Manufactured Rolls | | Particulate Infil | |
|---|---|---|---|---|---|
| Pile/Face Weight: | 50 oz. | Width: | 15' | Type: | Quality Infil |
| Pile Height: | 1.5" | Length: | 100 ft. | Weight: | 1.5 – 2 lbs. per sq. ft. |
| Machine Guage | .5" | Ship Weight: | 802 lbs. | Height: | approx .5" to 75" |
| Thatch Color: | Brown | Roll Diameter: | 24" | Color: | Green |

| Product Code | Description |
|---|---|
| TGP-53-1206 | 15' x 1' LT 2 Olive |
| TGP-53-1207 | 15' x 1' LT 2 Lime |

## TURFGRO ELITE

A 1.75" pile, polyethylyne monofilament with thatch construction. Designed specifically for landscape application to enhance recovery.

**Features:**

- Designed to truly replicate grass
- 1.75" blade height to achieve a natural appearance
- Uniquely formulated polyurethane coated backing provides greater seam strength and durability. Not water soluble
- Heat and frost resistant, UV stabilized
- No harmful environmental effects
- Non-flammable, ant-acid yarn resistant to chemical attack

| Turf Characteristics | | Manufactured Rolls | | Particulate Infil | |
|---|---|---|---|---|---|
| Pile/Face Weight: | 65 oz. | Width: | 15' | Type: | Quality Infil |
| Pile Height: | 1.75" | Length: | 100 ft. | Weight: | 1 – 2 lbs. per sq. ft. |
| Machine Guage | .375" | Ship Weight: | 959 lbs. | Height: | approx .5" to 75" |
| Thatch Color: | Brown | Roll Diameter: | 24" | Color: | Green |

**Recommended Use:** Light to moderate Traffic

**Colors:** Field Green/Olive Green or Field Green/ Lime Green

| Product Code | Description |
|---|---|
| TGP-53-1171 | 15' x 1 Linear Ft. Lime |
| TGP-53-1174 | 15' x 1 Linear Ft. Olive |

## TURFGRO ULTIMATE

A 1.875" pile, polyethylyne monofilament with thatch construction. Designed specifically for landscape application to enhance recovery.

**Recommended Use:** Light to moderate Traffic

**Colors:** Field Green/Olive Green or Field Green/ Lime Green

**Features:**

- Designed to truly replicate grass
- 1.875" blade height to achieve a natural appearance
- Uniquely formulated polyurethane coated backing provides greater seam strength and durability. Not water soluble
- Heat and frost resistant, UV stabilized
- No harmful environmental effects
- Non-flammable, ant-acid yarn resistant to chemical attack

| Turf Characteristics | | Manufactured Rolls | | Particulate Infil | |
|---|---|---|---|---|---|
| Pile/Face Weight: | 80 oz. | Width: | 15' | Type: | Quality Infil |
| Pile Height: | 1.875" | Length: | 100 ft. | Weight: | 1 – 2 lbs. per sq. ft. |
| Machine Guage | .375" | Ship Weight: | 1209 lbs. | Height: | approx .5" to 75" |
| Thatch Color: | Brown | Roll Diameter: | 24" | Color: | Green |

## ARTIFICIAL GRASS IS GREAT FOR PETS!

- Pet Hotels
- Dog Parks
- Pet Shows
- Dog Runs
- Backyards
- Animal Shelters
- Animal Hospitals
- Pet Training Areas
- And Much More!

This Product contains no detectable traces of lead or other RCRA hazardous waste heavy metals.

| Product Code | Description |
|---|---|
| TGP-53-1169 | 15' x 1 Linear Ft. Lime |
| TGP-53-1173 | 15' x 1 Linear Ft. Olive |



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# Outdoor Living

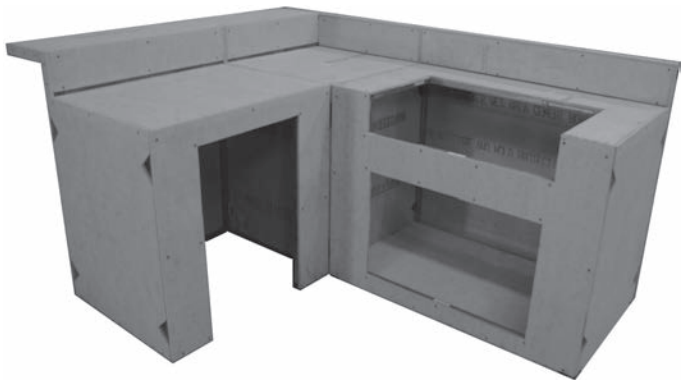


rtf systems™
Ready-To-Finish Outdoor Kitchen Systems

## Ready-To-Finish Outdoor Kitchen System

The Ready-To-Finish Outdoor Kitchen System™ is the fastest, most efficient, and most profitable method for building outdoor kitchens. The modular cabinets will allow you to create completely customized designs and finish them with any veneer and countertop material you choose, and the adjustable frames will accommodate any grill and any accessory.

Because the cabinets assemble in a few hours, not days, building outdoor kitchens has never been easier. If you can operate a screw gun, then you can use the Ready-To-Finish Outdoor Kitchen System.™ **You will save time and make more money on every project!**



## FEATURES & BENEFITS

### Lightweight

Compared to concrete block construction, our system is as light as a feather. The RTF Outdoor Kitchen System™ weighs about 50 lbs. per linear ft.

### Customizable

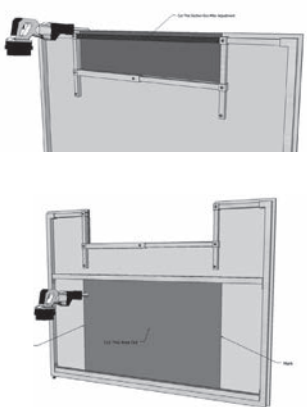
From the shape and size of the outdoor kitchen, to the veneer and countertops, even the appliances, The RTF Outdoor Kitchen System™ is designed to be completely customizable and universal - allowing you to design to your customers specifications.

### Fast, Efficient, & Profitable

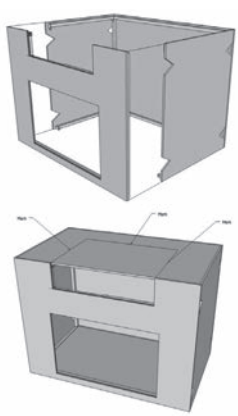
A screw gun, level, and a 4 in. grinder is all it takes to assemble and configure the RTF Outdoor Kitchen System™ cabinets. That means there's no mess to clean up, no lawn to repair, and no fence to put back up. It also means you'll make more money per job than with concrete block or any other system on the market!

## FAST, EASY ASSEMBLY

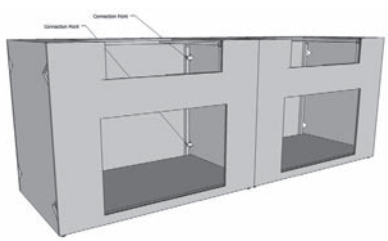
### STEP 1 – Cutouts



### STEP 2 – Assembly



### STEP 3 – Configuration





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rtf systems™
Ready-To-Finish Outdoor Kitchen Systems

## Standard Cabinet Selections

RTF6-29-FC
6 in. W x 36 in. H

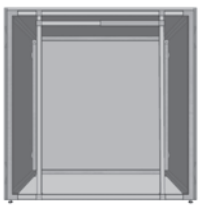
RTF12-29-FC
12 in. W x 36 in. H

RTF18-29-AC
18 in. W x 36 in. H

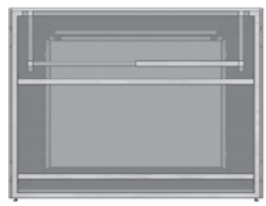
RTF24-29-AC
24 in. W x 36 in. H

RTF30-29-AC
30 in. W x 36 in. H

RTF36-29-AC
36 in. W x 36 in. H


RTF36-29-RC
36 in. W x 36 in. H

RTF42-29-AC
42 in. W x 36 in. H

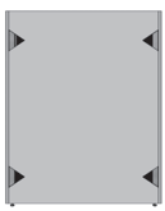

RTF48-29-AC
48 in. W x 36 in. H

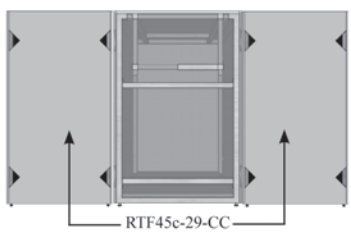
RTF54-29-AC
54 in. W x 36 in. H

RTF60-29-AC
60 in. W x 36 in. H

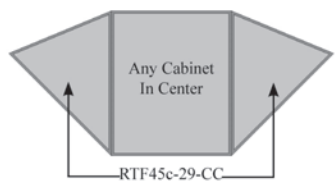
RTF66-29-AC
66 in. W x 36 in. H

RTF72-29-AC
72 in. W x 36 in. H


RTF90c-29-CC
29 in. W x 36 in. H

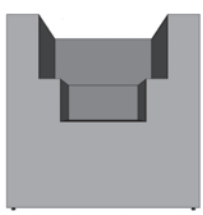


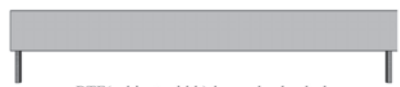
(any cabinet) W x 36 in. H



Top View

RTF48-29-KC (Kamado Cabinet)
48 in. W x 36 in. H


RTF36-29-PB (Power Burner Cabinet)
36 in. W x 36 in. H


RTF(cabinet width)-bar or backsplash
(cabinet width) in. W x 6 in. H

(Side View) Bar
14 in. D (12 in. Overhang)

(Side View) Backsplash
2 in. D

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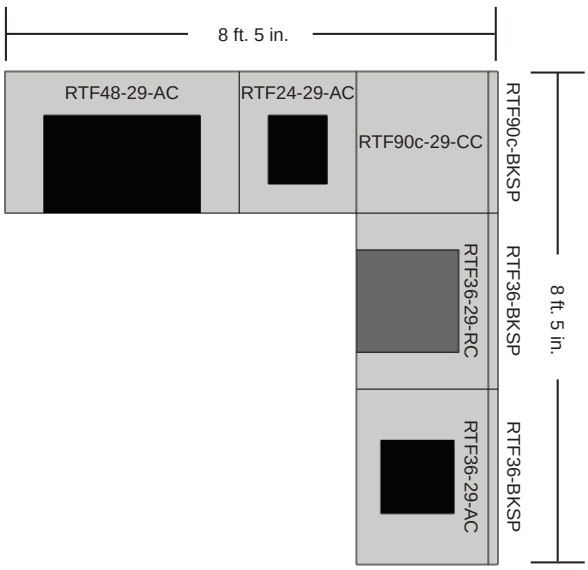
rtf systems™
Ready-To-Finish Outdoor Kitchen Systems

## "L" Shaped Kitchen With Bar

Custom designs using standard cabinets

| rtf systems™ Cabinets: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF48-29-AC |
| 1 ea. | RTF24-29-AC |
| 1 ea. | RTF90c-29-CC |
| 1 ea. | RTF36-29-RC |
| 1 ea. | RTF36-29-AC |
| 1 ea. | RTF90c-BKSP |
| 2 ea. | RTF36-BKSP |
| 4 ea | RTF-Corbel |

| Finishing Materials: | |
|---|---|
| QTY: | Item: |
| 120 sq. ft. | Veneer Material |
| 44 sq. ft. | Countertop Material |
| 13.5 sq. ft. | Bar-top Material |




Finishing materials quantities are estimates and provided for illustration purposes only. The quantities listed will vary based on the type of material chosen and should be verified prior to ordering.



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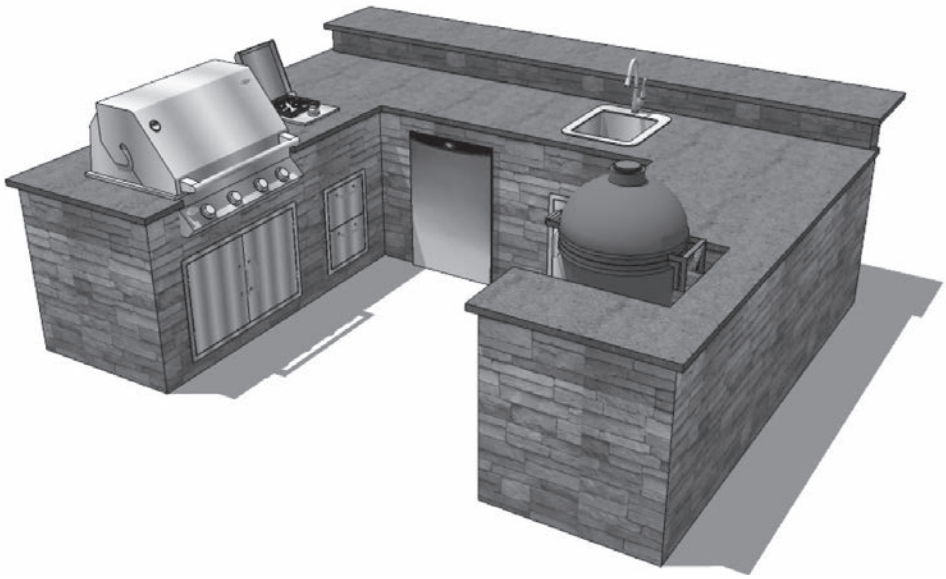
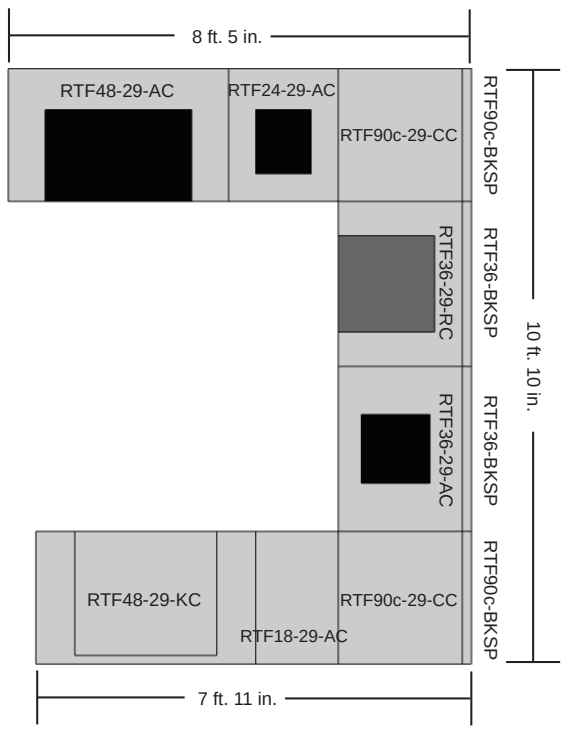
## "U" Shaped Kitchen With Bar

Custom designs using standard cabinets



| rtf systems™ Cabinets: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF48-29-AC |
| 1 ea. | RTF24-29-AC |
| 2 ea. | RTF90c-29-CC |
| 1 ea. | RTF36-29-RC |
| 1 ea. | RTF36-29-AC |
| 1 ea. | RTF18-29-AC |
| 1 ea. | RTF48-29-KC |
| 2 ea. | RTF90c-BKSP |
| 2 ea. | RTF36-BKSP |
| 6 ea | RTF-Corbel |

| Finishing Materials: | |
|---|---|
| QTY: | Item: |
| 168 sq. ft. | Veneer Material |
| 68 sq. ft. | Countertop Material |
| 18 sq. ft. | Bar-top Material |

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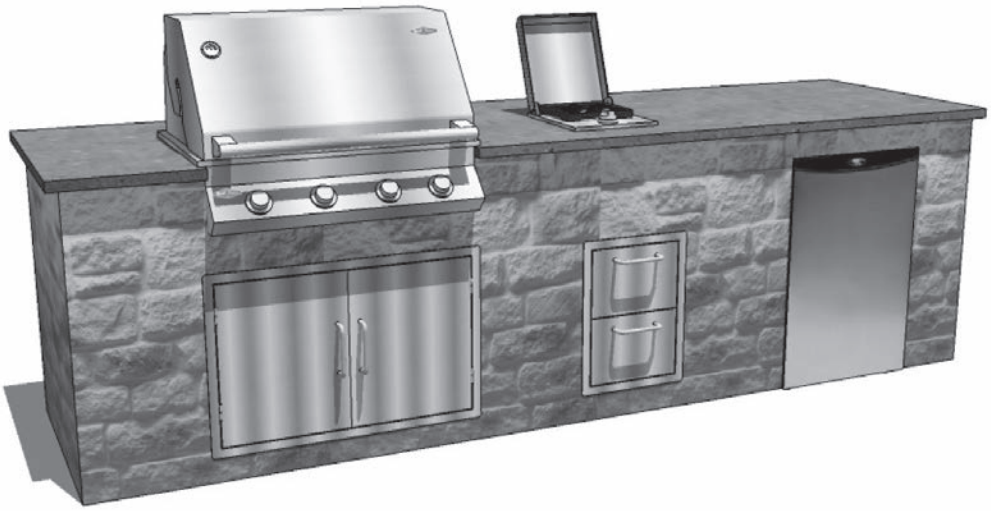
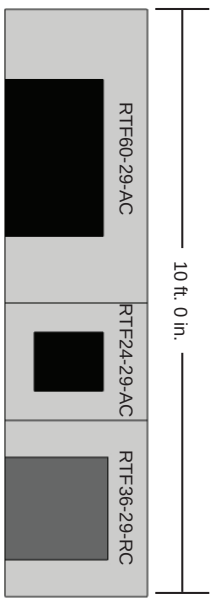
## Straight Kitchen

Custom designs using standard cabinets



| rtf systems™ Cabinets: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF60-29-AC |
| 1 ea. | RTF24-29-AC |
| 1 ea. | RTF36-29-RC |

| Finishing Materials: | |
|---|---|
| QTY: | Item: |
| 75 sq. ft. | Veneer Material |
| 33 sq. ft. | Countertop Material |




Finishing materials quantities are estimates and provided for illustration purposes only. The quantities listed will vary based on the type of material chosen and should be verified prior to ordering.



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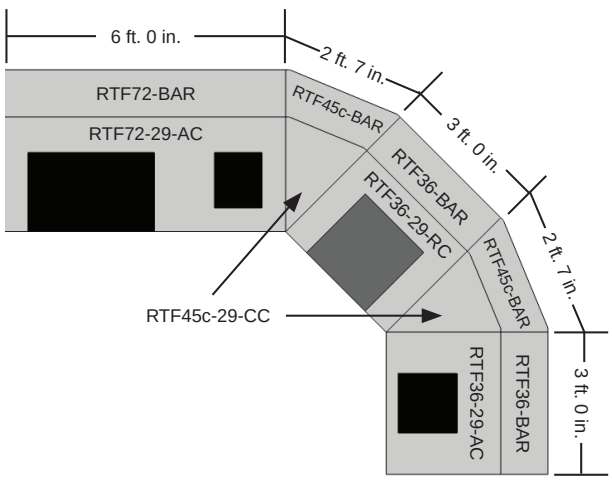
## "L" Shaped Kitchen With Bar and 45-degree Corner Cabinet

Custom designs using standard cabinets

| rtf systems™ Cabinets: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF72-29-AC |
| 1 ea. | RTF45c-29-CC |
| 1 ea. | RTF36-29-RC |
| 1 ea. | RTF36-29-AC |
| 1 ea. | RTF72-BAR |
| 1 ea. | RTF45c-BAR |
| 2 ea. | RTF36-BAR |

| Finishing Materials: | |
|---|---|
| QTY: | Item: |
| 104 sq. ft. | Veneer Material |
| 48 sq. ft. | Countertop Material |
| 27 sq. ft. | Bar-top Material |




Finishing materials quantities are estimates and provided for illustration purposes only. The quantities listed will vary based on the type of material chosen and should be verified prior to ordering.





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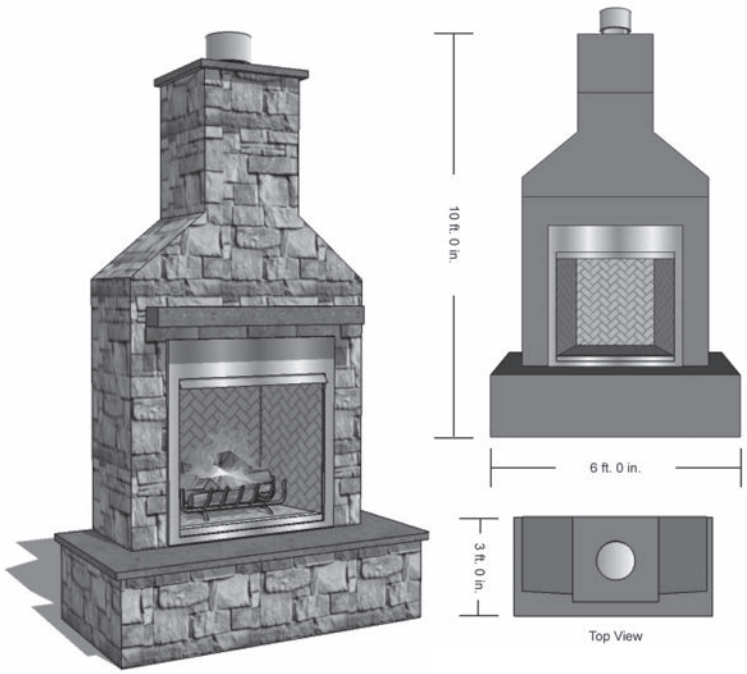
## Traditional Fireplace



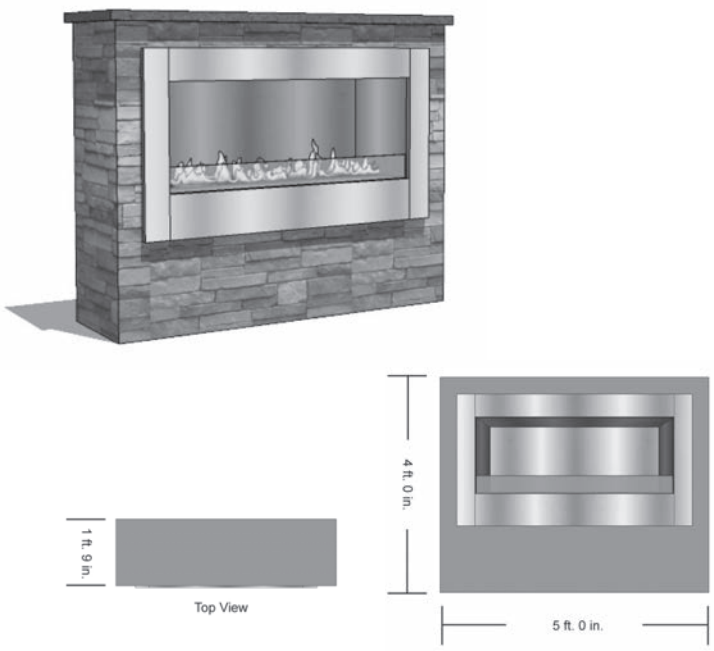

| rtf systems™ Fire Feature Kit: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF-FPLkit-(Size) |

Kits available with 36", or 42" wide fireplace insert. Fireplace designed to burn wood, however, optional vented and vent-free gas logs and accessories available.

| Finishing Materials: | |
|---|---|
| QTY: | Item: |
| 116 sq. ft. | Veneer Material |
| 12 sq. ft. | Hearth & Cap Material |
| 2.5 sq. ft. | Mantle Material |

Finishing materials quantities are estimates and provided for illustration purposes only. The quantities listed will vary based on the type of material chosen and should be verified prior to ordering.

## Linear Fireplace




| rtf systems™ Fire Feature Kit: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF-FPLkit-Linear-(NG or LP) |

Specify gas type in part number when ordering. See Through Convesrion Kit also available. Requires 110v electrical service at unit.

| Finishing Materials: | |
|---|---|
| QTY: | Item: |
| 52 sq. ft. | Veneer Material |
| 10 sq. ft. | Cap Material |

Finishing materials quantities are estimates and provided for illustration purposes only. The quantities listed will vary based on the type of material chosen and should be verified prior to ordering.



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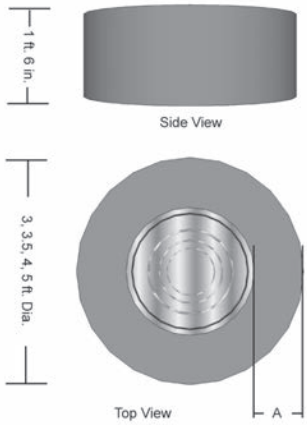
## Round Fire Pits



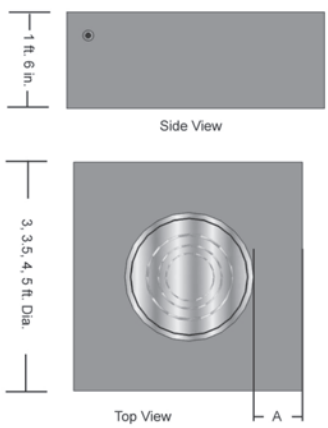

| rtf systems™ Fire Feature Kit: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF-FPkit-RND(Size) |

Kits available as 36", 42", 48", and 60" diameter. Fire Pits designed as gas burning only (LP or NG). NEVER BURN WOOD in this fire pit. Fire glass and/or lava rock are the preferred burn media.

| Finishing Materials: | | |
|---|---|---|
| Diameter: | Veneer Mat. | Cap Mat. |
| 36 in. | 15 sq. ft. | 10 sq. ft. |
| 42 in. | 17 sq. ft. | 13 sq. ft. |
| 48 in. | 19 sq. ft. | 16 sq. ft. |
| 60 in. | 24 sq. ft. | 24 sq. ft. |

| Burner-To-Edge Dimension "A": | |
|---|---|
| Diameter: | Dimension A: |
| 36 in. | 8.5 in. |
| 42 in. | 8.5 in. |
| 48 in. | 11.5 in. |
| 60 in. | 17.5 in. |

## Square Fire Pits




| rtf systems™ Fire Feature Kit: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF-FPkit-SQR(Size) |

Kits available as 36", 42", 48", and 60" square. Fire Pits designed as gas burning only (LP or NG). NEVER BURN WOOD in this fire pit. Fire glass and/or lava rock are the preferred burn media.

| Finishing Materials: | | |
|---|---|---|
| Square: | Veneer Mat. | Cap Mat. |
| 36 in. | 18 sq. ft. | 13 sq. ft. |
| 42 in. | 21 sq. ft. | 16 sq. ft. |
| 48 in. | 24 sq. ft. | 21 sq. ft. |
| 60 in. | 30 sq. ft. | 31 sq. ft. |

| Burner-To-Edge Dimension "A": | |
|---|---|
| Square: | Dimension A: |
| 36 in. | 8.5 in. |
| 42 in. | 8.5 in. |
| 48 in. | 11.5 in. |
| 60 in. | 17.5 in. |





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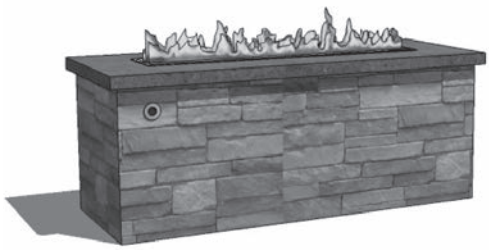
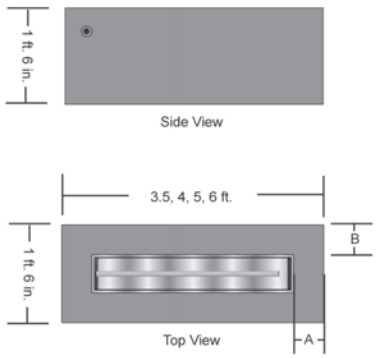
## Linear Fire Pits





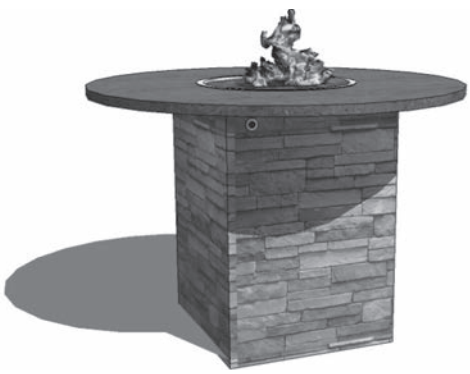

| rtf systems™ Fire Feature Kit: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF-FPkit-RND(Size) |

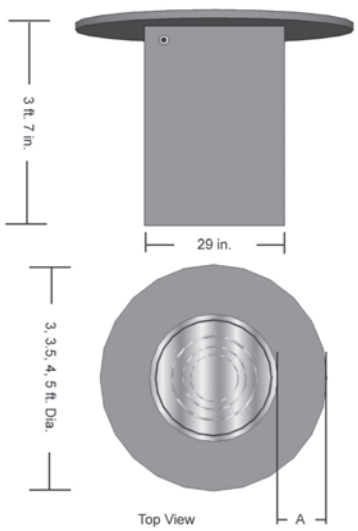
Kits available as 36", 42", 48", and 60" length. Fire Pits designed as gas burning only (LP or NG). NEVER BURN WOOD in this fire pit. Fire glass and/or lava rock are the preferred burn media.

| Finishing Materials: | | |
|---|---|---|
| Length: | Veneer Mat. | Cap Mat. |
| 42 in. | 16 sq. ft. | 8 sq. ft. |
| 48 in. | 18 sq. ft. | 9 sq. ft. |
| 60 in. | 23 sq. ft. | 11 sq. ft. |
| 72 in. | 27 sq. ft. | 13 sq. ft. |

| Burner-To-Edge Dimensions "A" & "B": | | |
|---|---|---|
| Length: | Dimension A: | Dimension B: |
| 42 in. | 6 in. | 6 in. |
| 48 in. | 6 in. | 6 in. |
| 60 in. | 6 in. | 6 in. |
| 72 in. | 6 in. | 6 in. |

## Bar Table Fire Pits






| rtf systems™ Fire Feature Kit: | |
|---|---|
| QTY: | Item: |
| 1 ea. | RTF-FPkit-BAR-(Size) |

Kits available as 48", and 60" diameter. Fire Pits designed as gas burning only (LP or NG). NEVER BURN WOOD in this fire pit. Fire glass and/or lava rock are the preferred burn media. Base dimensions are 29" x 29".

| Finishing Materials: | | |
|---|---|---|
| Diameter: | Veneer Mat. | Cap Mat. |
| 48 in. | 35 sq. ft. | 16 sq. ft. |
| 60 in. | 35 sq. ft. | 24 sq. ft. |

| Burner-To-Edge Dimension "A": | |
|---|---|
| Square: | Dimension A: |
| 36 in. | 8.5 in. |
| 42 in. | 8.5 in. |
| 48 in. | 11.5 in. |
| 60 in. | 17.5 in. |

| Appliance Cabinets: Part Number: | Description | Weight (lbs.) | Width (in.) | Height (in.) | Depth (in.) |
|---|---|---|---|---|---|
| RTF6-29-FC | 6" Wide x 29" Deep x 36" Tall Outdoor Kitchen Filler Cabinet | 46 | 6 | 36 | 29 |
| RTF12-29-FC | 12" Wide x 29" Deep x 36" Tall Outdoor Kitchen Filler Cabinet | 64 | 12 | 36 | 29 |
| RTF18-29-AC | 18" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 86 | 18 | 36 | 29 |
| RTF24-29-AC | 24" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 104 | 24 | 36 | 29 |
| RTF30-29-AC | 30" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 108 | 30 | 36 | 29 |
| RTF36-29-AC | 36" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 138 | 36 | 36 | 29 |
| RTF36-29-RC | 36" Wide x 29" Deep x 36" Tall Outdoor Kitchen Refrigeration Cabinet with Universal Refrigeration Appliance Frame | 132 | 36 | 36 | 29 |
| RTF36-29-PB | 36" Wide x 29" Deep x 36" Tall Outdoor Kitchen Power Burner Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 140 | 36 | 36 | 29 |
| RTF42-29-AC | 42" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 160 | 42 | 36 | 29 |
| RTF48-29-AC | 48" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 164 | 48 | 36 | 29 |
| RTF48-29-KC | 48" Wide x 29" Deep x 36" Tall Outdoor Kitchen Kamado Cabinet with Kamado Appliance Frame and Universal Storage Accessory Frame | 154 | 48 | 36 | 29 |
| RTF54-29-AC | 54" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 176 | 54 | 36 | 29 |
| RTF60-29-AC | 60" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 202 | 60 | 36 | 29 |
| RTF66-29-AC | 66" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 206 | 66 | 36 | 29 |
| RTF72-29-AC | 72" Wide x 29" Deep x 36" Tall Outdoor Kitchen Appliance Cabinet with Universal Slide-In Appliance Frame and Universal Storage Accessory Frame | 224 | 72 | 36 | 29 |

| Corner Cabinets & End Caps: Part Number: | Description | Weight (lbs.) | Width (in.) | Height (in.) | Depth (in.) |
|---|---|---|---|---|---|
| RTF90c-29-CC | 29" Wide x 29" Deep x 36" Tall Outdoor Kitchen 90 Degree Corner Cabinet | 90 | 29 | 36 | 29 |
| RTF90c-29-CC-RND | 29" Wide x 29" Deep x 36" Tall Outdoor Kitchen 90 Degree Corner Cabinet With Outside Radius | 110 | 29 | 36 | 29 |
| RTF45c-29-CC | 29" Deep x 36" Tall Outdoor Kitchen 45 Degree Cabinets | 46 | 44 | 36 | 29 |
| RTF-EndCap-RND | 15" Wide x 29" Deep x 36" Tall Outdoor Kitchen Rounded End Cap | 88 | 15 | 36 | 29 |





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| Bar & Backsplash Accessories: Part Number: | Description | Weight (lbs.) | Width (in.) | Height (in.) | Depth (in.) |
|---|---|---|---|---|---|
| RTF6-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 6" Wide Filler Cabinet | 5 | 6 | 7 | 14 |
| RTF12-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 12" Wide Filler Cabinet | 10 | 12 | 7 | 14 |
| RTF18-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 18" Wide Appliance Cabinet | 15 | 18 | 7 | 14 |
| RTF24-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 24" Wide Appliance Cabinet | 20 | 24 | 7 | 14 |
| RTF30-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 30" Wide Appliance Cabinet | 25 | 30 | 7 | 14 |
| RTF36-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 36" Wide Appliance or Refrigeration Cabinet | 30 | 36 | 7 | 14 |
| RTF42-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 42" Wide Appliance Cabinet | 35 | 42 | 7 | 14 |
| RTF48-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 48" Wide Appliance Cabinet | 40 | 48 | 7 | 14 |
| RTF54-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 54" Wide Appliance Cabinet | 45 | 54 | 7 | 14 |
| RTF60-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 60" Wide Appliance Cabinet | 50 | 60 | 7 | 14 |
| RTF66-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 66" Wide Appliance Cabinet | 55 | 66 | 7 | 14 |
| RTF72-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 72" Wide Appliance Cabinet | 60 | 72 | 7 | 14 |
| RTF90c-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of One Side Of 90 Degree Corner Cabinet | 25 | 29 | 7 | 14 |
| RTF90c-DBL-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back of Two Sides Of 90 Degree Corner Cabinet | 60 | 35 | 7 | 14 |
| RTF90c-DBL-BAR/BKSP-R | 12" Overhang Raised Bar & Backsplash Combo Designed To Attach To The Back of Two Sides Of 90 Degree Corner Cabinet With Bar On Right Hand Side | 44 | 35 | 7 | 14 |
| RTF90c-DBL-BAR/BKSP-L | 12" Overhang Raised Bar & Backsplash Combo Designed To Attach To The Back of Two Sides Of 90 Degree Corner Cabinet With Bar On Left Hand Side | 44 | 35 | 7 | 14 |
| RTF45c-BAR | 12" Overhang Raised Bar & Backsplash Designed To Attach To The Back Of 45 Degree Corner Cabinet | 40 | 48 | 7 | 14 |

| Part Number: | Description | Weight (lbs.) | Width (in.) | Height (in.) | Depth (in.) |
|---|---|---|---|---|---|
| RTF6-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 6" Wide Filler Cabinet | 2 | 6 | 7 | 2 |
| RTF12-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 12" Wide Filler Cabinet | 4 | 12 | 7 | 2 |
| RTF18-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 18" Wide Appliance Cabinet | 6 | 18 | 7 | 2 |
| RTF24-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 24" Wide Appliance Cabinet | 8 | 24 | 7 | 2 |
| RTF30-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 30" Wide Appliance Cabinet | 10 | 30 | 7 | 2 |
| RTF36-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 36" Wide Appliance or Refrigeration Cabinet | 12 | 36 | 7 | 2 |
| RTF42-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 42" Wide Appliance Cabinet | 14 | 42 | 7 | 2 |
| RTF48-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 48" Wide Appliance Cabinet | 16 | 48 | 7 | 2 |
| RTF54-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 54" Wide Appliance Cabinet | 18 | 54 | 7 | 2 |
| RTF60-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 60" Wide Appliance Cabinet | 20 | 60 | 7 | 2 |
| RTF66-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 66" Wide Appliance Cabinet | 22 | 66 | 7 | 2 |
| RTF72-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 72" Wide Appliance Cabinet | 24 | 72 | 7 | 2 |
| RTF90c-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of One Side Of 90 Degree Corner Cabinet | 10 | 29 | 7 | 2 |
| RTF90c-DBL-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of Two Sides Of 90 Degree Corner Cabinet | 20 | 29 | 7 | 2 |
| RTF45c-BKSP | 7" Tall Raised Backsplash Designed To Attach To The Back Of 45 Degree Corner Cabinet | 16 | 48 | 7 | 2 |

BULL Outdoor Products Inc.

## STEER

**3-burner stainless steel built-in gas barbecue grill.**

**Standard Features:**

- 30,000 BTU's
- Warming rack
- Grease tray
- Built in trim kit
- Smoker box
- Stainless steel burners
- Dual lined hood
- Zinc knobs

| Product Code | Description |
|---|---|
| BU06328 | 25" 3-Burner Stainless Steel Built-in Grill, Propane Gas |
| BU06329 | 25" 3-Burner Stainless Steel Built-in Grill, Natural Gas |

## OUTLAW

**4-burner stainless steel built-in gas barbecue grill.**

**Standard Features:**

- 60,000 BTU's
- 304 stainless steel construction
- 4 porcelain coated bar burners
- Single piece dual lined hood
- Piezo igniters/zinc knobs
- Solid stainless steel grates
- Heavy duty thermometer
- Warming rack 210 sq. in.
- Cooking surface 810 sq. in.
- CSA approved

| Product Code | Description |
|---|---|
| 26038 LP | 4-Burner 30" Stainless Steel Built-in Gas Barbecue Grill, Propane Gas |
| 26039 NP | 4-Burner 30" Stainless Steel Built-in Gas Barbecue Grill, Natural Gas |

## ANGUS

**4-burner stainless steel built-in gas barbecue grill with infrared back burner**

**Standard Features:**

- 16 gauge — 304 stainless steel
- 75,000 BTU's total cooking power
- Infrared burner 15,000 BTU's
- Five (5) bull sure-lite gas valves
- Five (5) Piezo igniters on each valve
- Heavy-duty thermometer
- Dual-lined roll top hood with seamless welded edges
- Stainless steel cooking grates 600 sq. in. cooking area
- Stainless steel warming rack 210 sq. in.
- Stainless steel rotisserie motor
- Chrome plated spit & rod
- Stainless steel full length handle
- Hose & regulator included with lp models
- N.G. regulator included with ng models
- CSA, SE, CE, approved

| Product Code | Description |
|---|---|
| 47628 LP | 30 1/4" 4-Burner Stainless Steel Built-in Grill with Rotisserie & Lights, Propane Gas |
| 47629 NP | 30 1/4" 4-Burner Stainless Steel Built-in Grill with Rotisserie & Lights, Natural Gas |

## BRAHMA

**5-burner stainless steel built in gas barbecue grill with infrared back burner**

### Standard Features:

- 16 gauge — 304 stainless steel
- Five cast stainless steel bar burners
- Infrared burner 15,000 BTU'S
- Six (6) bull sure-lite gas valves
- Six (6) Piezo igniters on each valve
- Heavy-duty thermometer
- Dual-lined roll top hood with seamless welded edges
- Stainless steel cooking grates 760 sq. in. cooking area
- Stainless steel warming rack 266 sq. in.
- Stainless steel full size drip tray
- Stainless steel rotisserie motor
- Chrome plated spit & rod
- Stainless steel full length handle
- Hose & regulator included with lp models
- N.G. regulator included with ng models
- CSA, SA, CE approved

| Product Code | Description |
|---|---|
| 575686 LP | 38 1/4" 5-Burner Stainless Steel Built-in Grill with Rotisserie & Lights, Propane Gas |
| 575686 NP | 38 1/4" 5-Burner Stainless Steel Built-in Grill with Rotisserie & Lights, Natural Gas |

## 7 BURNER PREMIUM GRILL

**4-burner stainless steel built-in gas barbecue grill.**

### Standard Features:

- 105,000 BTU'S
- Smoker box
- Double sideburner 30,000 BTU'S
- Full length handle
- Warming rack
- Piezo igniters on each valve
- 800 sq. inches of cooking surface
- Four cast stainless burners
- Rotisserie included
- Heavy duty thermometer
- Dual lined roll top hood
- CSA, SA, CE approved

| Product Code | Description |
|---|---|
| BU18038 | 46 3/4" 4-Burner Stainless Steel Built-in Grill with Rotisserie, Lights & Double Sideburner, Propane Gas |
| BU18039 | Propane gas — 46 3/4" 4-Burner Stainless Steel Built-in Grill with Rotisserie, Lights & Double Sideburner, Natural Gas |

## ACCESSORIES - DOORS

BULL Outdoor Products Inc.

**Allows for entry into an island for the propane tank, gas lines, or whatever else you'd like to store inside your island.**

Dimensions: 25 1/2" W X 18 1/4" H X 1 1/2" D
Cut Out Dimensions:
23" W X 15 3/4" H 1 1/2" D

| Product Code | Description |
|---|---|
| 89970 | Stainless Steel Single Door |

Dimensions: 33" W X 22" H X 2" D
Cut Out Dimensions: 31" W X 19 3/4" H X 2 1/4" D

| Product Code | Description |
|---|---|
| 33568 | Stainless Steel Double Door |

## ACCESSORIES - COMBOS

**Adds a space saving design feature to any island.**

Dimensions: 33" W X 22" H X 20 1/2" D
Cut Out Dimensions: 31" W X 19 1/2" H X 20 3/4" D

| Product Code | Description |
|---|---|
| 25876 | Stainless Steel Door/Drawer Combo |

Dimensions: 33" W X 22" H X 16 1/4" D
Cut Out Dimensions: 31" W X 19 3/4" H X 16 3/8" D

| Product Code | Description |
|---|---|
| 65784 | Stainless Steel Door/Propane Drawer Combo |

## ACCESSORIES - DRAWERS

Cut Out Dimensions: 23 1/4" W X 4" L x 20 3/4" D

| Product Code | Description |
|---|---|
| 09970 | Stainless Steel Single Drawer |

Cut Out Dimensions: 12 3/4" W X 19 1/2" L X 20 3/4" D

| Product Code | Description |
|---|---|
| 56985 | Stainless Steel Double Drawer |

Cut Out Dimensions: 28 1/2" W X 10" L X 20 1/4" D

| Product Code | Description |
|---|---|
| 85747 | Stainless Steel Warming Drawer |

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# Outdoor Living

## ACCESSORIES - REFRIGERATORS

BULL Outdoor Products Inc.

- Space saving flush back design
- Stainless steel door panel
- Reversible door-left or right swing
- Full range temperature control
- Beverage can dispenser (Holds up to five 12 oz. cans)

Cut Out Dimensions: 21.5" W X 33" H X 20.75" D

| Product Code | Description |
|---|---|
| 11001 | Stainless Steel Refrigerator |

Cut Out Dimensions: 21.25" W x 34.5" L X 2" D

| Product Code | Description |
|---|---|
| 99935 | Stainless Steel Refrigerator Frame |

## ACCESSORIES - SINKS

Dimensions: 15" L x 15" W
Cut Out Dimensions: 14 1/4" L X 14.25" W X 7 5/8" D

| Product Code | Description |
|---|---|
| 12389 | Stainless Steel Sink |

## ACCESSORIES - ICE CHEST

Dimensions:
16 3/4" W X 21 1/2" D

Cut Out Dimensions:
14 1/4" W X 20 1/2" L X 15 1/2" D

| Product Code | Description |
|---|---|
| 00002 | Stainless Steel Ice Chest |

## ACCESSORIES - BAR CENTERS

BULL Outdoor Products Inc.

Dimensions:
18" W X 10 1/2" H X 25 3/4 D"

Cut Out Dimensions:
17 1/8" W x 9 3/4" H x 22 1/4" D

Dimensions: 30" W X 10 1/2" H X 25 3/4" D
Cut Out Dimensions: 29" W X 9 3/4" H X 22 3/4" D

| Product Code | Description |
|---|---|
| 11001 | Stainless Steel Refrigerator |

## ACCESSORIES - SIDE BURNERS

### Stainless Steel Double Side Burner

- 30,000 BTU'S
- Piezo ignition
- Cast brass burner
- Porcelain cast iron grates

Cut Out Dimensions: 22 3/8" W X 17 1/8" L X 2 1/2" D

| Product Code | Description |
|---|---|
| 60088 LP | Propane – Stainless Steel Double Side Burner |
| 60099 NG | Natural Gas – Stainless Steel Double Side Burner |

### Slide -in Double Side Burner, Front & Back

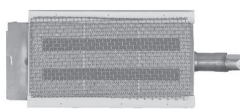
- 304 stainless steel
- 304 stainless steel removable cover
- Solid brass burners, 11,000 BTU'S each
- Solid stainless steel grates and Piezo igniter system

Cut Out Dimensions: 12 1/8" L X 20 1/2" W X 10" D

| Product Code | Description |
|---|---|
| 30008 LP | Propane – Slide in Double Side Burner, Front and Back |
| 30009 NG | Natural Gas – Slide in Double Side Burner, Front and Back |

## ACCESSORIES - INFRARED SEARING BURNER

Dimensions: 26 1/2" W X 20 1/2" D
Cut Out Dimensions:
22 3/8" W X 2 1/2" H X 17 1/8" D



| Product Code | Description |
|---|---|
| 20505 | Angus/Brahma |
| 20506 | Lonestar |



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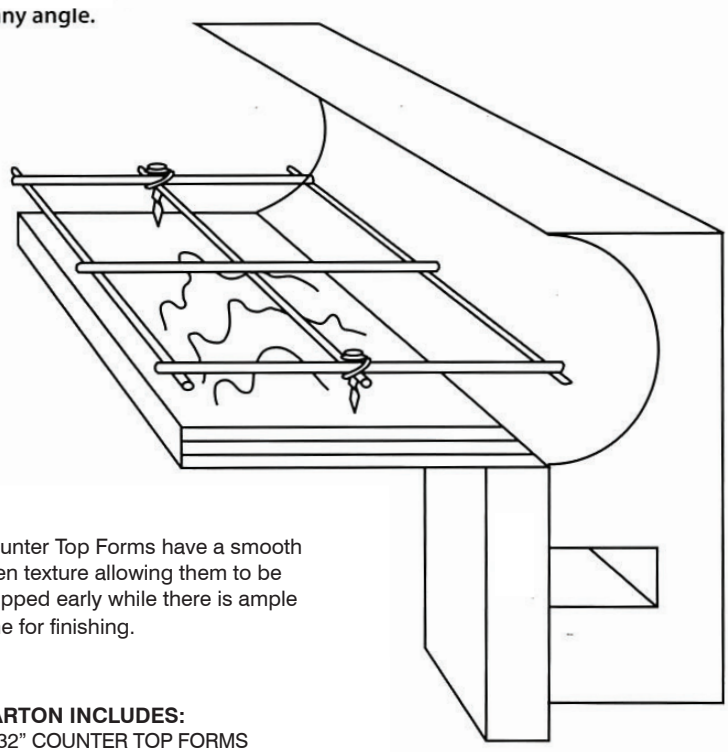
STEGMEIER LLC

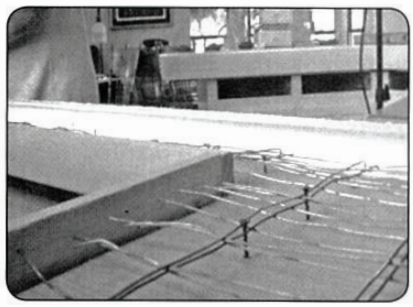
## POURED IN PLACE COUNTER TOP FORMS

Stegmeier's Counter Top Forms are the answer to installing the popular counters found in many contemporary kitchens, baths, and commercial sites such as restaurants and bars. These short 2" thick profiles are the perfect height for most applications and can be shaped or mitered to any angle.

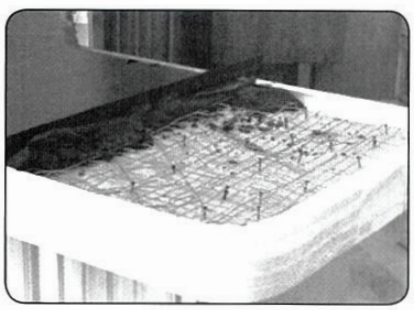
any angle.



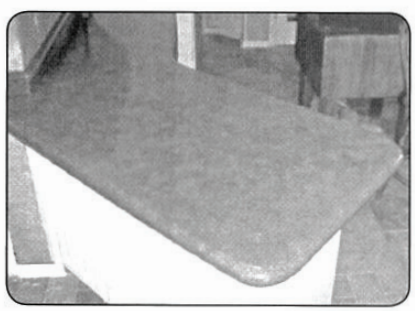
Counter Top Forms have a smooth even texture allowing them to be stripped early while there is ample time for finishing.



SETUP



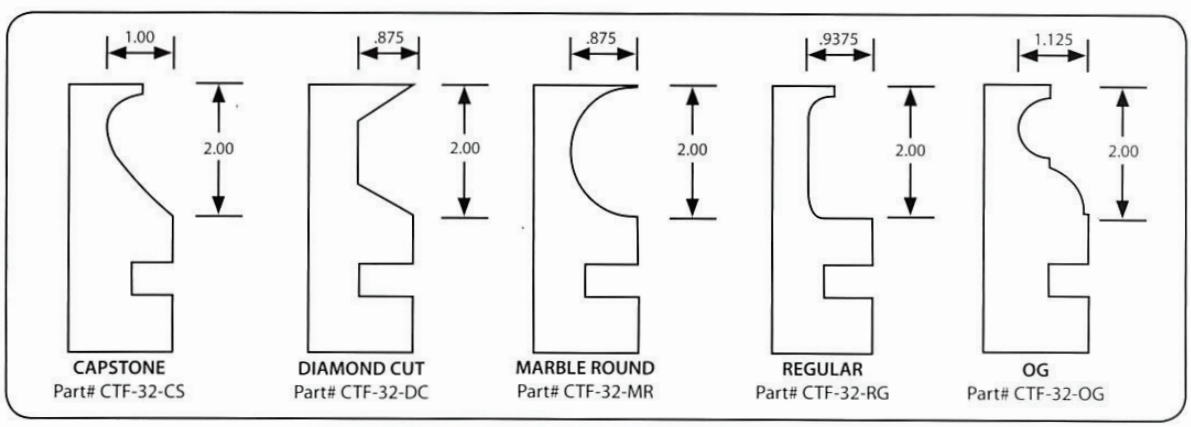
POUR



FINISH

**CARTON INCLUDES:**

- 32" COUNTER TOP FORMS
- 1 COUNTER TOP SIDE KIT
  (35 TIE WIRES, 25 WOOD SCREWS, 1 FOAM PROFILE EDGING TOOL
- 1 ROLL OF BENDING TAPE




If 3 1/2" thick counters are desired see Pool Forms.



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