

VOLUME 19

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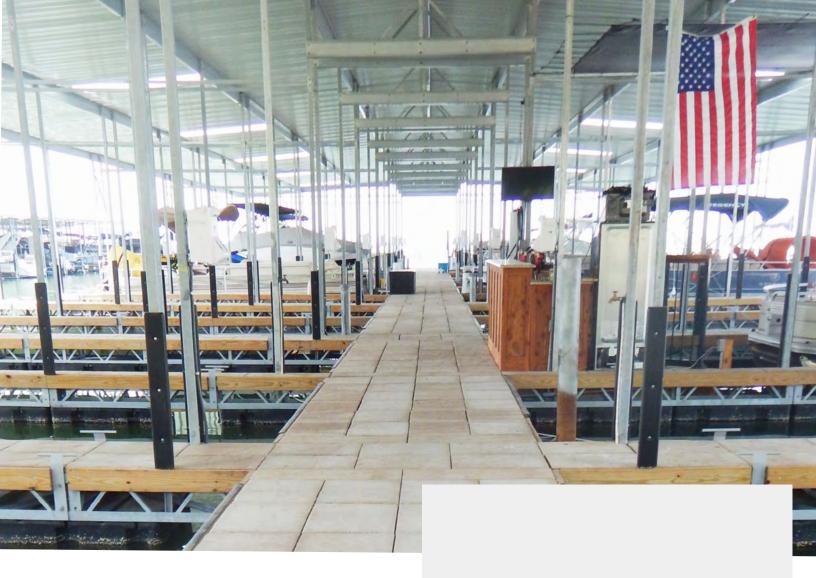
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#### FRONT COVER | PHOTO CREDIT: MACS COVE | CLIFTON HILL, MO



## ABOUT US

As we celebrate nearly 40 years of success we also celebrate you, our valuable customers, who have stood beside us as we have evolved into the operation we are today. Located in the beautiful Lake of the Ozarks, we remain family-owned and currently operating under third



generation ownership. With a customer focused culture, we are one of the fastest growing companies in our field and a preferred supplier in the industry. As you turn the pages of our catalog, we hope you will find everything you need to customize and maintain your boat dock or marine structure. When choosing K + R as your supplier, you will find a team of experts in the marina and building materials industries who are committed to providing you with the highest quality products on the market, and a service standard that surpasses your expectations.

## TERMS + CONDITIONS

### PAYMENT REMITTANCE

MAILED PAYMENT:	K + R 1224 Creek Trail Ste F Jefferson City, MO 65109
PHONE PAYMENT:	Please call our Accounting Office 573.644.6868 to make a payment on your account by phone.
CREDIT CARD PAYMENT:	Visa, MasterCard, American Express and Discover cards are accepted.
E-CHECK/ACH PAYMENT:	We are able to accept payment by electronic check/ACH.

If you would like us to retain a method of payment on file for future transactions we require a completed Billing Authorization Form to be sent via email to: accounting@krmfg.com

### K + R CUSTOMERS

#### INDIVIDUAL BOAT DOCK OWNERS INTERESTED IN K + R PRODUCTS

We have a website for ease of ordering. Please visit **www.krmfg.com**. If you are unable to find what you are looking for or have unanswered questions, please reach out to us by email at sales@krmfg.com or submit a request for information through CONTACT US on the website.

### DOCK BUILDERS AND MARINAS/CONTRACTORS (NEW CUSTOMER INTERESTED IN ESTABLISHING AN ACCOUNT)

Please reach out to us by email or phone to establish an account. We can initiate this by email sales@krmfg.com or by phone. 573.346.1187 option '0' for Customer Service.

#### FOR ESTABLISHED CUSTOMERS

Please feel free to place your order with us by phone or email to your Sales Representative or one of our Customer Service Representatives at 573.346.1187 option '0', email for orders - sales@krmfg.com.

### GENERAL TERMS & CONDITIONS

- Hours of Operation: Monday Friday, 8 a.m.-5 p.m. CST.
- All orders must be paid prior to shipment unless a credit application is submitted & approved.
- All deliveries made by K + R will incur a \$25.00 minimum surcharge.
- Product shipped via common carrier will be FOB K + R warehouse. Shipping costs will be calculated at the time of order confirmation.
- All quotes for product and shipping estimates are good for 7 days.
- Delivery by K + R Truck of in-stock product is generally made within 48 hours or on the next scheduled delivery day.
- Arrangements can occasionally be made for customer pickups or job-site deliveries with prior notice.
- Prior authorization is needed to return product for refund or exchange.
- Returned products must be in new condition & returned within 120 days of purchase.
- All returns will incur a 15% restocking fee.
- Returns of special order/non-stock products are not accepted.
- Customer credits must be used in 120 days.
- Pricing may change without notice.
- For pricing questions contact your K + R Sales Representative or Customer Service.
- Warranties for the K + R branded family of products are available upon request.
- Other Product Warranties are established by our vendor partners and available upon request.
- We will email order acknowledgments within 24 hours of order please contact your Sales Representative or K + R Customer Service if there are any discrepancies.
- Customer statements will be mailed monthly on the 15th or 20th.
- Finance charges in the amount of 2% will be assessed for any past-due amounts.
- K + R reserves the right to hold orders until past due account balances are paid in full.
- Credit card payments for invoices more than 10 days old incur a 2% service charge.

## PROFLOAT BUOY

## REGULATORY BUOY

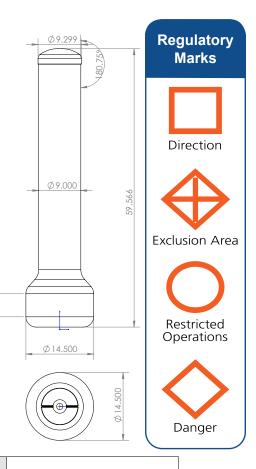
NEW IMPROVED DESIGN- AVAILABLE SPRING 2022

- 60" TALL WITH A 9" DIAMETER
- HIGH-IMPACT RESISTANT MATERIAL THAT PROLONGS LIFE SPAN
- BLOW MOLDED FROM HI-MOLECULAR WEIGHT, HI-DENSITY POLYETHYLENE
- BOTTOM BASE ENABLES BUOY TO RIDE HIGHER IN THE WATER IMPROVING VISIBILITY AND STABILITY
- 1 LB. DENSITY VIRGIN EPS FOAM FILLED WITH SAND BALLAST
- RECESSED GALVANIZED FORGED 1/2" EYE-BOLT (STAINLESS STEEL AVAILABLE UPON REQUEST)
- PREMIUM GRADE MARKINGS FOR LONG LIFE (REFLECTIVE STRIPING WITH PREMIUM GRADE LETTERS AND SYMBOLS)

ANY COMBINATION OF LETTERING AND SYMBOLS AVAILABLE







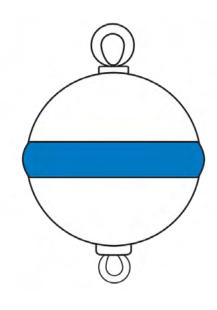


BUOYS



## **BUOY** PERIMETER BUOY

- 12" 42" DIAMETERS AVAILABLE
- ULTRA HEAVY DUTY HDPE EXTERIOR
- COMPLETELY URETHANE FOAM FILLED
- WILL NOT CRACK, CHIP, PEEL OR RUST
- HEAVY DUTY SWIVEL ON BOTTOM
- LARGE ATTACHMENT HOOP FOR PENNANT WHILE BOAT IS AWAY FROM MOORING
- USED FOR MOORING BOATS AROUND A DESIGNATED AREA





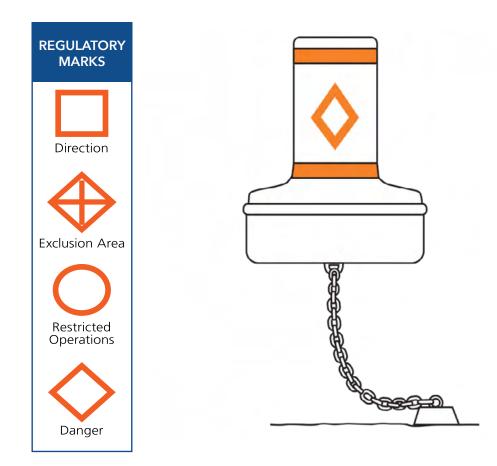
### LARGE BASED BUOY

#### REGULATORY FLOAT COLLAR BUOY WITH BOTTOM MOORING EYE

- HI-IMPACT ABS EXTERIOR SHELL
- COMPLETELY URETHANE FOAM FILLED
- EXCELLENT NIGHTTIME VISIBILITY WITH 3" REFLECTIVE BAND
- SELF-RIGHTING WITHOUT TACKLE

#### SPECIFICATIONS

- CAN DIAMETER & HEIGHT: 14" X 30"
- FLOAT COLLAR DIAMETER AND HEIGHT: 28" X 12"
- OVERALL HEIGHT: 49"
- SUBMERGED BUOYANCY: 320 LBS.
- NET WEIGHT: 105 LBS.



## SUPER CUSHION

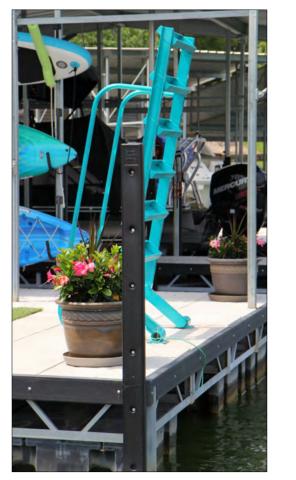
## POST BUMPERS

- BLOW MOLDED WITH HIGH MOLECULAR WEIGHT, HIGH DENSITY POLYETHYLENE, AND UV STABILIZATION FOR TOUGHNESS AND DURABILITY
- WILL NOT MAR OR MARK BOAT
- MOLDED BUSHINGS IN EACH MOUNTING HOLE FOR PERMANENT ATTACHMENT
- ATTACHES EASILY WITH OUR WAFER HEAD TEK SCREW (PG # 64)
- TIME TESTED SINCE 1981
- LIMITED LIFETIME WARRANTY
- AVAILABLE IN WHITE OR BLACK



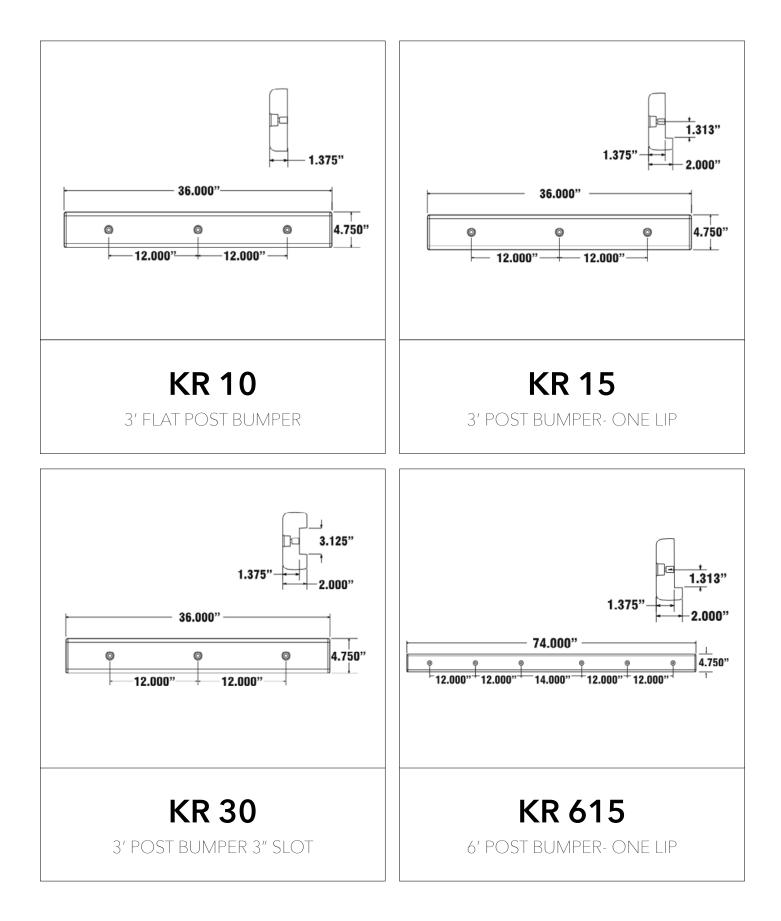


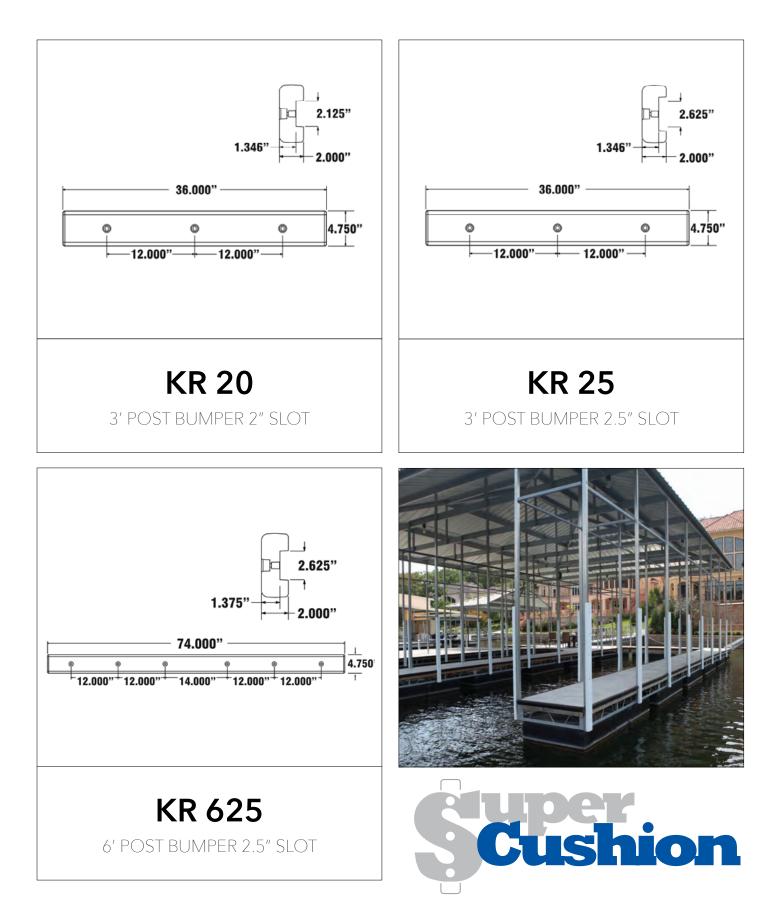












## **CRUISER CUSHION**

### DOCK BUMPER

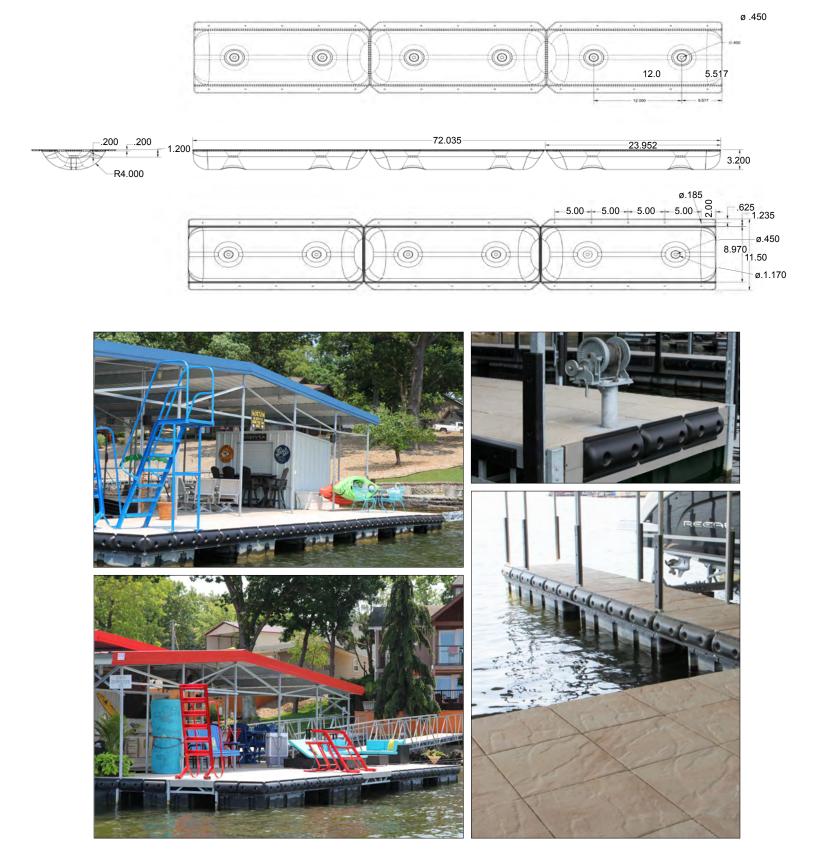
- IDEAL FOR HIGH TRAFFIC AREAS
- EXTRA LARGE, HEAVY-DUTY DESIGN PROVIDES PROTECTION FOR ALL SIZES OF BOATS
- MANUFACTURED FROM A HIGH MOLECULAR WEIGHT POLYETHYLENE TO WITHSTAND YEARS OF ABUSE
- FUNGICIDE AND UV ADDITIVE GUARANTEE LONGEVITY
- SOLID BUSHINGS AT CENTER MOUNTING HOLES ENSURE A SECURE ATTACHMENT TO THE STRUCTURE
- HINGED TOP AND BOTTOM FLANGES ADD ADDITIONAL ATTACHMENT POINTS FOR FLEXIBILITY AND ADAPTABILITY TO ALL DOCK TYPES- ALSO ADAPTS TO A 45° INSIDE CORNER
- LIVE HINGES AT 24" ON CENTER ALLOW THE CRUISER CUSHION TO WRAP AROUND OUTSIDE CORNERS OR CAN BE CUT TO PROVIDE 24" SECTIONS OF PROTECTION
- LIMITED LIFETIME GUARANTEE

#### DIMENSIONS

11-1/2" WIDE X 72" LONG AVAILABLE IN WHITE OR BLACK







## SUPER GUARD

## DOCK BUMPER

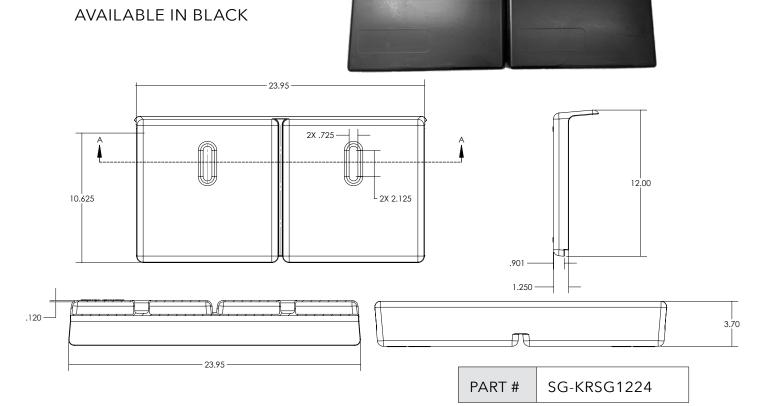
- IDEAL FOR HIGH TRAFFIC AREAS
- MOUNTS FLAT TO DOCK

DIMENSIONS

1' WIDE X 2' LONG



- HEAVY-DUTY DESIGN PROVIDES PROTECTION FOR ALL SIZES OF BOATS
- MANUFACTURED FROM HIGH DENSITY POLYETHYLENE TO WITHSTAND YEARS OF ABUSE
- CENTER MOUNTING HOLE TO ENSURE A SECURE ATTACHMENT TO THE STRUCTURE
- BUMPERS CAN BE CUT TO PROVIDE A 1' X 1' SECTION OF PROTECTION



SALES@KRMFG.COM







## CORNER BUMPERS

### CORNER BUMPER | BLUNT END

- PVC CORNER BUMPER
- AVAILABLE IN WHITE OR BLACK



PART #	DESCRIPTION
PG-CBB6	6″ BLACK
PG-CBW6	6" WHITE
PG-CBB10	10″ BLACK
PG-CBW10	10" WHITE



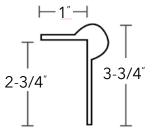
### 10" CORNER BUMPER | TAPERED END

- 10" x 10" x 3-¾" PVC CORNER BUMPER
- ONE INCH SOLID OUTSIDE FLANGE FOR FASTENING TO DOCK
- AVAILABLE IN WHITE OR BLACK, CUSTOM COLORS AVAILABLE





PART #	DESCRIPTION	
PG-CBTB10TAPERED	10″ BLACK	
PG-CBTW10TAPERED	10" WHITE	



### CORNER HARBOR CUSHION



## PRO GUARD

### VINYL EDGING

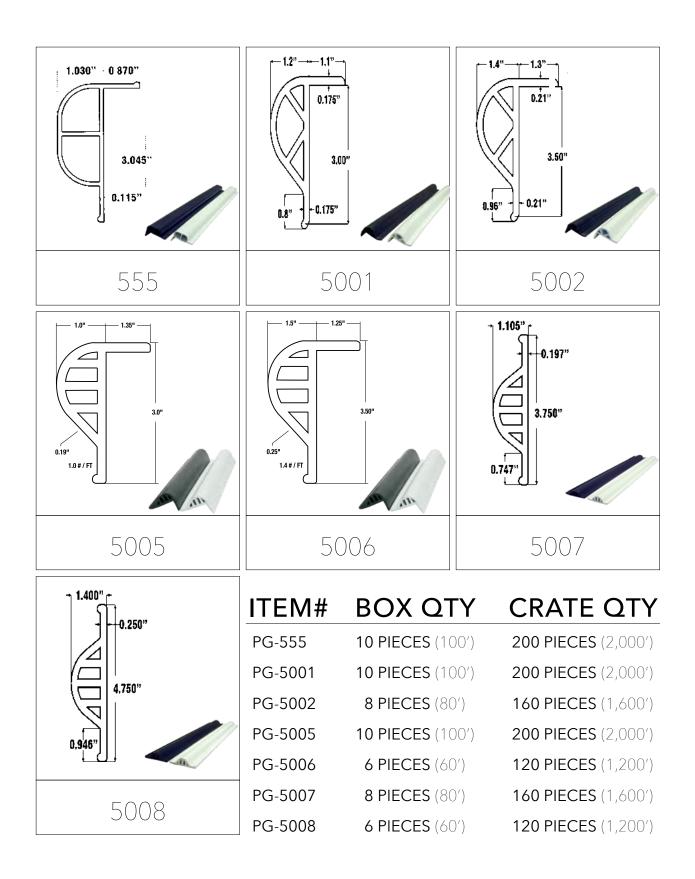
- ALL VINYL EDGING IS EXTRUDED FROM A MARINE GRADE FLEXIBLE PVC COMPOUND.
- UV AND FUNGICIDE PROTECTION ADDED TO EXTEND THE LIFESPAN OF THE MATERIALS.
- DIFFERENT COMBINATIONS OF AIR CHAMBERS AND WALL THICKNESS ALLOW ONE PROFILE TO FIT ANY APPLICATION.
- CUSTOM EXTRUSIONS AVAILABLE

#### SPECIFICATIONS

- ALL PROFILES COME IN 10' SECTIONS
- AVAILABLE IN BLACK OR WHITE
- GREY AVAILABLE- SPECIAL ORDER







## **ROCK FACE** CONCRETE DECKING

K + R ROCK FACE CONCRETE DECKING IS THE MOST INNOVATIVE SOLUTION FOR CONCRETE DECKING IN THE INDUSTRY.

- MANUFACTURED ON STATE OF THE ART MACHINERY
- WIRE REINFORCEMENT IN ALL BLOCKS- RESULTING IN SUPERIOR STRENGTH COMPARED TO COMPETITIVE PRODUCTS
- WATER REPELLENT MANUFACTURED IN THE MIX DESIGN
- SLIP RESISTANT TEXTURED SURFACE RESEMBLES NATURAL FLAGSTONE
- TWO STANDARD BLENDED COLOR OPTIONS: SUNBURST OR IVORY
- CUSTOM COLORS AVAILABLE
- COMPARISON SHEET- PAGE # 23
- ADDITIONAL SPECS AVAILABLE UPON REQUEST

AVAILABLE IN THREE SIZES:

- 2' WIDE X 2' WIDE X 1-5/8" THICK
- 2' WIDE X 18" WIDE X 1-5/8" THICK
- 1' WIDE X 3' LONG X 1-5/8" THICK





PART #	DESCRIPTION
RF-22	2' X 2' ROCK FACE BLOCK
RF-218	2' X 18" ROCKFACE BLOCK
RF-13	1' X 3' ROCK FACE BLOCK

AVAILABLE IN THE FOLLOWING COLORS: IVORY (I), SUNBURST (SB)



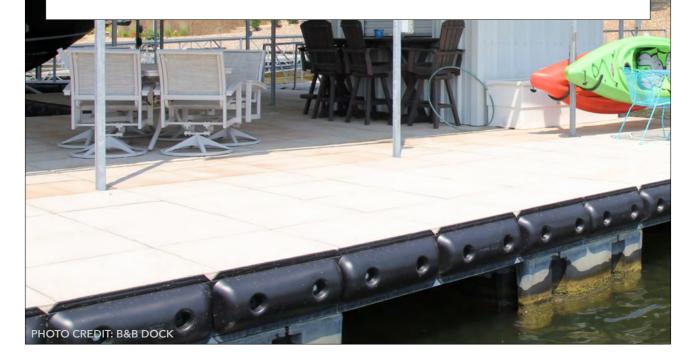
#### TYPICAL PALLET/TRUCKLOAD QUANTITIES

PART #	WEIGHT/EA	QTY/PALLET	PALLET WEIGHT	PALLETS/TRUCKLOAD
RF-22	67 LBS	40	2750	17 PALLETS (680 PAVERS)
RF-218	51 LBS	40	2120	22 PALLETS (880 PAVERS)
RF-13	50 LBS	30	1580	24 PALLETS (720 PAVERS)

\* ORDERS CONTAINING A MINIMUM OF A TRUCKLOAD QUANTITY QUALIFY FOR THE MOST COMPETITIVE PRICING ON BOTH PRODUCT AND FREIGHT. CONSULT WITH YOUR SALES REPRESENTATIVE TO ASSIST WITH BUILDING TRUCKLOADS THAT INCLUDE A VARIETY OF BLOCK SIZES.



FOR YOUR DOCK OR HOME, CONCRETE DECKING OFFERS A REALISTIC CONCRETE LOOK THAT REPELS WATER AND IS SLIP RESISTANT.



Th



#### **BATCHING PROCESS**

100% computer controlled for precise weights of all components in the mix design. This creates a more consistent product in color, weight, texture, etc.

#### MANUFACTURING PROCESS

Rockface is manufactured on state of the art machinery. This creates consistency and uniformity in color, texture, weights, sizing, and creates a flat product that lays better.

#### STRENGTH

Due to the manufacturing process and batching systems we can achieve nearly twice the PSI strength. Rockface averages over 11,000 psi.

#### PRODUCTION CAPACITY

Rockface production capacities can exceed 4000 pcs per day. No job is too big to supply product on time.

#### COLOR

Rockface is produced with two standard colors. Custom colors are easily achieved. We have the ability to match other masonry-colored products to create uniformity on existing projects and other products.

#### WIRE REINFORCEMENT

Rockface uses a proprietary wire design and is consistent in the placement of the reinforcement. Any exposed wire is near the bottom of the panels and is stainless steel.

#### WARRANTY

Rockface carries a 10-year limited warranty against manufacturing defects. Not only does K + R stand behind the product we also have a reliable manufacturing partner that is financially stable.

#### WATER REPELLENCY

Rockface has water repellent inhibitors as a standard in the mix design.

### **OTHER CONCRETE PAVERS**

#### BATCHING PROCESS

Most precast products do not have precise measurements of the individual products that go into the mix design. This can create inconsistency between production runs.

#### MANUFACTURING PROCESS

Precast dock panels are manually poured in place and left in a mold for 24 hours. Curing for a week required prior to use or transportation. Panels are often not flat creating a product that "rocks."

#### STRENGTH

Precast dock pads range from 4000-5000 psi. The products are not nearly as strong and therefore can experience a higher percentage of breakage.

#### PRODUCTION CAPACITY

Precast has limitations to capacities due to the number of molds required and manual labor.

#### COLOR

Color options are often not in the mix design. Inconsistency in production runs and limitations in the ability to match existing products are a factor.

#### WIRE REINFORCEMENT

Placement of wire is inconsistent and can leach toward the surface of the dock panel. There are no known producers using stainless steel in their products which can create rust leaching to the surface.

#### WARRANTY

Warranties range from one producer to the next. These manufacturers are often limited in the financial resources, and many have not been able to weather the burden of this issue.

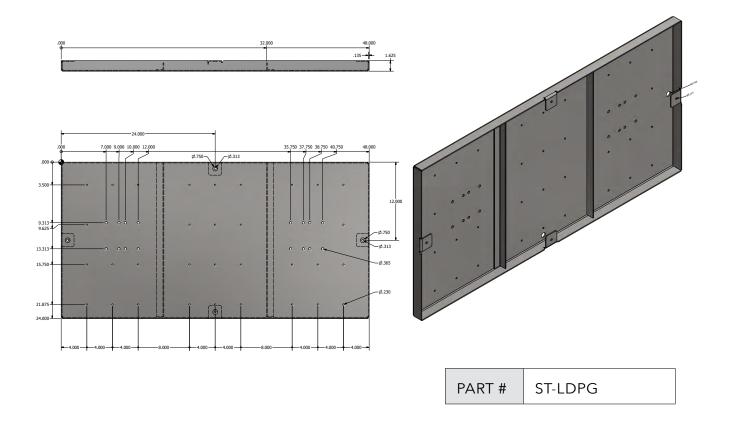
#### WATER REPELLENCY

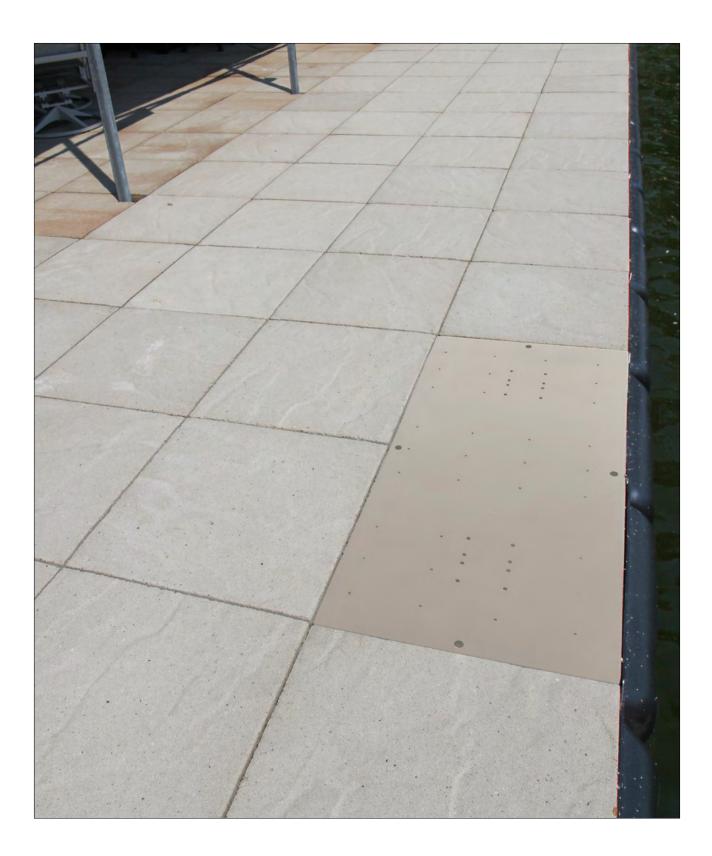
There are no known producers using a water repellent in the mix design of precast dock panels

## **DOCK PLATE** LADDER DOCK MOUNT

A GREAT WAY TO INSTALL A WETSTEPS® LADDER OR ANY DOCK ACCESSORIES TO YOUR DOCK. SIZE DESIGNED TO MAKE INSTALLATION EASY WITH K + R ROCKFACE CONCRETE DECKING OR ANY OTHER 2' X 2' PAVER.

- 2' X 4' DOCK PLATE
- HEAVY DUTY 12 GAUGE LASER CUT CARBON STEEL DOES NOT FLEX
- HOLES DESIGNED TO MAKE INSTALLATION EASY AND SECURE
- HOLES SPECIFICALLY DESIGNED TO WORK WITH A WELDED OR BOLT-TOGETHER WETSTEPS® LADDER
- TEXTURED GREY POWDER COATING HELPS PREVENT SLIPPAGE AND IS HEAT RESISTANT





# COMPOSITE DECKING



## ONLY DURALIFE GIVES HOMEOWNERS THE CHOICE TO SELECT THEIR FAVORITE COLOR AT THE PERFORMANCE AND PRICE LEVEL THEY DESIRE.

#### **1. CHOOSE YOUR COMPOSITE DECKING COLOR**

CHOOSE FROM A VARIETY OF VARIEGATED AND NON-VARIEGATED COLOR OPTIONS TO ACHIEVE YOUR DESIRED DECK AESTHETICS.

#### 2. CHOOSE YOUR COMPOSITE DECKING PROFILE

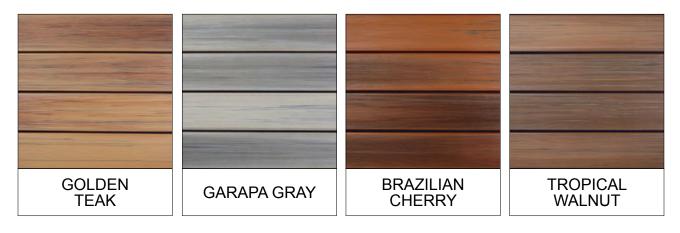
CHOOSE ONE OR MORE DECK PROFILES TO MEET YOUR SPECIFIC NEEDS. ALL PROFILES ARE MADE FROM DURALIFE'S UNIQUE POLYPROPYLENE COMPOSITE.

## STEP 1: CHOOSE DECKING COLOR



#### DURALIFE HARDWOODS COMPOSITE DECKING OFFERS THE BEAUTY OF FINISHED HARDWOOD.

AVAILABLE IN FOUR WOOD TONES. DURALIFE HARD-WOODS ARE ECO-FRIENDLY AND FEATURE A UNIQUE VARIEGATED COLOR AND WOOD GRAIN PATTERN FOR A NATURAL APPEARANCE.





#### DURALIFE LANDSCAPES ECO-FRIENDLY DECKING-AVAILABLE IN TWO EARTH TONES.

EASY TO MAINTAIN AND ENDURES THE TEST OF TIME.



## STEP 2: CHOOSE DECKING PROFILE

FOR YOUR PRIMARY DECKING SURFACE, CHOOSE MVP OR SIESTA COLLECTIONS FOR PERFORMANCE AND PRICE. USE STARTER AND SQUARE EDGE PROFILES FOR PERIMETERS, STAIRS, RAILING AND CUSTOM WORK. ALL FOUR PROFILES ARE MADE FROM DURALIFE'S UNIQUE POLYPROPYLENE & HARDWOOD COMPOSITE THAT IS MADE FROM UP TO 90% RECYCLED CONTENT AND OUTPERFORMS OTHER WOOD AND COMPOSITE DECKING PRODUCTS.



#### SIESTA<sup>™</sup> DECKING PROFILE ULTIMATE PERFORMANCE



Premium quality decking for ultimate performance and durability. When the greatest performance is essential, choose Siesta Profile decking. Available in DuraLife<sup>®</sup> Landscapes<sup>™</sup> and Hardwoods<sup>™</sup> Collections. Rated as the top performing composite decking product by the most trusted consumer advocate publication in the U.S.



#### MVP<sup>™</sup> DECKING PROFILE MAXIMUM VALUE



High performance decking at maximum value for your project. Made from the same durable composite material as DuraLife Siesta Profile decking. A premium look at an optimum value. DuraLife MVP is the perfect choice for value conscious homeowners looking for a great looking, low maintenance deck board at an affordable price.



#### STARTER<sup>™</sup> DECKING PROFILE

DECK PERIMETER & STAIR TREAD

Create a stunning border by trimming your deck with DuraLife Starter Decking. When using a "picture frame" installation technique, the Starter profile works together with Siesta and MVP profiles to hide the exposed edges of the deck boards to create a clean and professional appearance.



#### SQ. EDGE<sup>™</sup> DECKING PROFILE RAILING TOP & CUSTOM

Create a sleek, integrated deck space by using The Square Edge deck board as the top surface of your DuraLife railing. You can also use the Square Edge profile for custom projects where having square edges is ideal. The Square Edge profile is available in Hardwood and Landscape colors.

#### THE COOLTRAC<sup>™</sup> ADVANTAGE

DuraLife composite decking has unmatched strength and durability. Under hot summer sun, DuraLife decking stays 18% cooler than traditional composite decking, keeping your bare feet happy and comfortable. For maximum safety, DuraLife decking is 136% more slip resistant when wet and 56% more slip resistant when dry than the competition.

#### MADE FROM UP TO 90% RECYCLED MATERIALS

Manufactured using both post-industrial and post-consumer recycled content with a maximum recycled content of up to 90% by weight; no toxic chemicals or preservatives.



## **FLOATS** EAGLE FLOATS

- ALL EAGLE FLOATS<sup>™</sup> OUTER SHELLS ARE MANUFACTURED FROM 100% VIRGIN LLDE
- FLOATS ARE FILLED WITH MOLDED IN PLACE VIRGIN 1PCF EXPANDED POLYSTYRENE
- UNMATCHED PERFORMANCE SHELL IMPACT STRENGTH
- DESIGNED AND TESTED BY PROFESSIONAL ENGINEERS
- EVERY EAGLE FLOAT SIZE IS TESTED IN CERTIFIED CALIBRATED EQUIPMENT
- UNMATCHED PERFORMANCE BUOYANCY
- PROPRIETARY CONTROL SYSTEM
- STEAM CHEST FOAMING
- CORNER VENTS FUSING
- FIFTEEN-YEAR WARRANTY



### EAGLE FLOATS SPECIFICATIONS

			16" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY	SIZE	ITEM #	MAX BUOYANCY
1.66' x 6' x 8"	EF-08-2072	350	1.5' x 6' x 16"	EF-16-1872	640
2' x 3' x 8"	EF-08-2436	205	2' x 3' x 16"	EF-16-2436	390
2' x 4' x 8"	EF-08-2448	290	2' x 4' x 16"	EF-16-2448	530
3' x 4' x 8"	EF-08-3648	460	2' x 5' x 16"	EF-16-2460	670
			3' x 3' x 16"	EF-16-3636	620
			3' x 4' x 16"	EF-16-3648	820
10" EAGLE FLOATS			3' x 5' x 16"	EF-16-3660	1050
SIZE	ITEM #	MAX BUOYANCY	3' x 6' x 16"	EF-16-3672	1270
1.5' x 8' x 10"	EF-10-2096	670	3' x 8' x 16"	EF-16-3696	1670
	·		4' x 4' x 16"	EF-16-4848	1140
			4' x 5' x 16"	EF-16-4860	1420
12" EAGLE FLOATS			4' x 6' x 16"	EF-16-4872	1720
SIZE	ITEM #	MAX BUOYANCY	4' x 8' x 16"	EF-16-4896	2310
1.3' x 3' x 12"	EF-12-1636	190			•
2' x 3' x 12"	EF-12-2436	300	18" EAGLE FLOATS		
2' x 4' x 12"	EF-12-2448	390	SIZE	ITEM #	MAX BUOYANCY
2' x 5' x 12"	EF-12-2460	500	2' x 4' x 18"	EF-18-2448	620
2' x 8' x 12"	EF-12-2496	880	3' x 4' x 18"	EF-18-3648	960
2.5' x 4' x 12"	EF-12-3048	540	. <u></u>	·	
3' x 3' x 12"	EF-12-3636	470	20" EAGLE FLOATS		
3' x 4' x 12"	EF-12-3648	620	SIZE	ITEM #	MAX BUOYANCY
3' x 5' x 12"	EF-12-3660	810	1' x 4' x 20"	EF-20-1248	310
3' x 6' x 12"	EF-12-3672	950	2' x 4' x 20"	EF-20-2448	680
3' x 8' x 12"	EF-12-3696	1250	3' x 4' x 20"	EF-20-3648	1050
4' x 4' x 12"	EF-12-4848	850	3' x 5' x 20"	EF-20-3660	1250
4' x 5' x 12"	EF-12-4860	1070	3' x 6' x 20"	EF-20-3672	1580
4' x 6' x 12"	EF-12-4872	1300	3' x 8' x 20"	EF-20-3696	2080
4' x 8' x 12"	EF-12-4896	1750	4' x 4' x 20"	EF-20-4848	1430
	I	1	4' x 5' x 20"	EF-20-4860	1750
			4' x 6' x 20"	EF-20-4872	2120

4' x 8' x 20"

4' x 10' x 20"

EF-20-4896

EF-20-48120

2910

### EAGLE FLOAT SPECIFICATIONS

24" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
1.5' x 6' x 24"	EF-24-1872	950
2' x 4' x 24"	EF-24-2448	790
3' x 4' x 24"	EF-24-3648	1260
3' x 6' x 24"	EF-24-3672	1850
3' x 8' x 24"	EF-24-3696	2540
3' x 10' x 24"	EF-24-36120	3350
4' x 4' x 24"	EF-24-4848	1680
4' x 5' x 24"	EF-24-4860	2100
4' x 6' x 24"	EF-24-4872	2560
4' x 8' x 24"	EF-24-4896	3450
4' x 10' x 24"	EF-24-48120	4560

36" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
2' x 4' x 36"	EF-36-2448	1150
3' x 8' x 36"	EF-36-3696	3730
4' x 4' x 36"	EF-36-4848	2450
4' x 6' x 36"	EF-36-4872	3880
4' x 8' x 36"	EF-36-4896	5130

SPECIALTY FLOATS		
SIZE	ITEM #	MAX BUOYANCY
23" x 24"	EF-EF2324	330
16" x 48" x 16" Channel	call for inquiries	230
24" x 48" x 18" Channel	call for inquiries	420

#### 28" EAGLE FLOATS

SIZE	ITEM #	MAX BUOYANCY
2' x 8' x 28"	EF-28-2496	1930
3' x 3' x 28"	EF-28-3636	1030
3' x 4' x 28"	EF-28-3648	1450
3' x 6' x 28"	EF-28-3672	2150
3' x 8' x 28"	EF-28-3696	2880
4' x 4' x 28"	EF-28-4848	1800
4' x 6' x 28"	EF-28-4872	3030
4' x 8' x 28"	EF-28-4896	4060

32" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOANCY
3' x 4' x 32"	EF-32-3648	1610
3' x 6' x 32"	EF-32-3672	2430
3' x 8' x 32"	EF-32-3696	3250
3' x 10' x 32"	EF-32-36120	4398
4' x 4' x 32"	EF-32-4848	2190
4' x 6' x 32"	EF-32-4872	3400
4' x 8' x 32"	EF-32-4896	4440
4' x 10' x 32"	EF-32-48120	5785

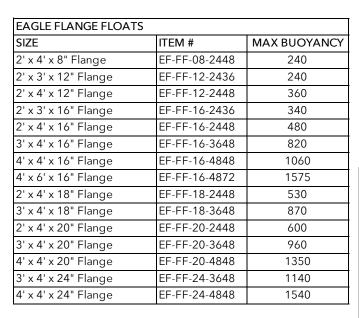
#### Material Specifications All Eagle Floats<sup>®</sup> outer shells are manufactured to the following standards from 100% Virgin prime grade polyethylene, filled with molded in place 100% Virgin 1pcf Expanded Polystyrene. ASTM<sup>(1)</sup> TYPICAL VALUES<sup>(2)</sup> PROPERTIES Melt Index(3) D-1238 3.5 g/10min. D-792 0.941 g/cm3

Density

Bent Strip ESCR <sup>(4)</sup>	D-1693	>1,000 h	
Flexural Modulus <sup>(5)</sup>	D-790	827 Mpa (119,950 psi)	
Tensile Yield Strength <sup>(6)</sup>	D-638	20.2 Mpa (2,930 psi)	
Tensile Yield Elongation(6)	D-638	12%	
Tensile Ultimate Strength	D-638	29.3 Mpa (4,250 psi)	
Tensile Ultimate Elongation <sup>(6)</sup>	D-638	895%	
Melting Point	E-794	125°C (257°F)	
Heat Distortion Temp			
66 psi (4.64kg/cm <sup>2</sup> )	D-648	60°C (140°F)	
264 psi (18.56kg/cm <sup>2</sup> )	D-648	43°C (109°F)	
Vicant Melting Point	D1525	123°C (253°F)	
Hardness, Shore D	D2240	61	
ARM Low Temp Impact <sup>(7)</sup>	ARM Method	230 J (170 ft-lb)	
0.250" (6.35 mm)			
ARM Low Temp Impact <sup>(7)</sup>	ARM Method	95 J (70 ft-lb)	
0.125" (3.17 mm)			
<ol> <li>Properties designated have be or substantially in accordance</li> <li>Typical values represent avera</li> <li>Condition 100° C/2.16 kg</li> <li>Condition 100° kgepal</li> <li>TymeN specimen, 2° (50.8mm</li> <li>HymeN specimen, 2° (50.8mm</li> <li>Hooc</li> </ol>	with specified testing standards. ge laboratory values as guides on	ly, not as specifications	

### EAGLE FLOATS FLANGE FLOAT

- EASY ATTACHMENT- ANYWHERE \_
- **ROTATIONALLY MOLDED**
- 100% VIRGIN PE SHELL
- 100% VIRGIN EPS CORE
- SIZES UP TO 4' X 8' X 3' THICK
- SMALL RIBS- HIGH BUOYANCY









## LIFT TANKS

### ROUND BOTTOM LIFT TANK

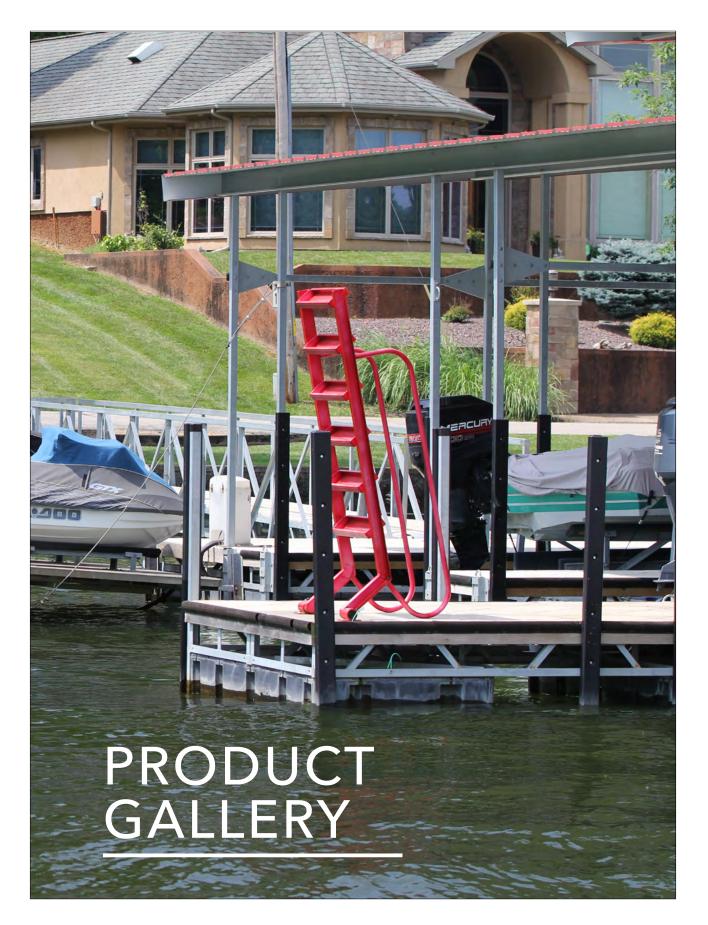
- 100% VIRGIN PE SHELL
- STANDARD FITTINGS: 1-1" THREADED FITTING IN ONE OF THE FOUR CORNERS ON THE TOP OF TANK
- FOR SIZES 4X4 AND SMALLER: 1-4" HOLE (NOT THREADED) ON THE BOTTOM TOWARD THE CENTER
- FOR SIZES 4X5 AND BIGGER: 2-4" HOLES (NOT THREADED) ON THE BOTTOM. SPECIAL ORDER THREADED FITTINGS AVAILABLE ON THE BOTTOM OF TANK UPON REQUEST
- 5 YEAR WARRANTY



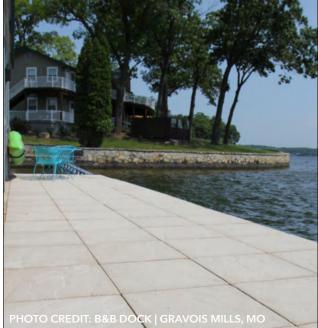
EAGLE FLOAT LIFT TANKS		
SIZE	ITEM #	MAX BUOYANCY
3' x 8' x 28"	EF-LT-28-3696	2849
3' x 8' x 32"	EF-LT-32-3696	3230
4' x 8' x 16"	EF-LT-16-4896	Coming Soon
4' x 8' x 36"	EF-LT-36-4896	5028
2.83' x 8' x 36"	EF-LT-36-3496	3581
3.33' x 9' x 26"	EF-LT-26-40108	3550
3.33' x 9' x 32"	EF-LT-32-40108	4375



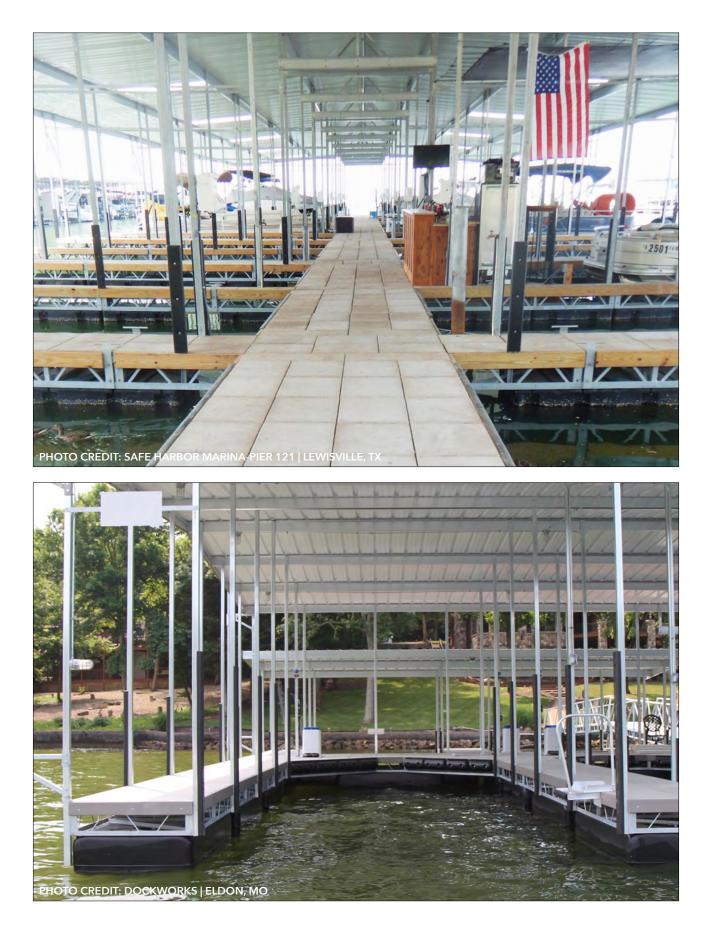


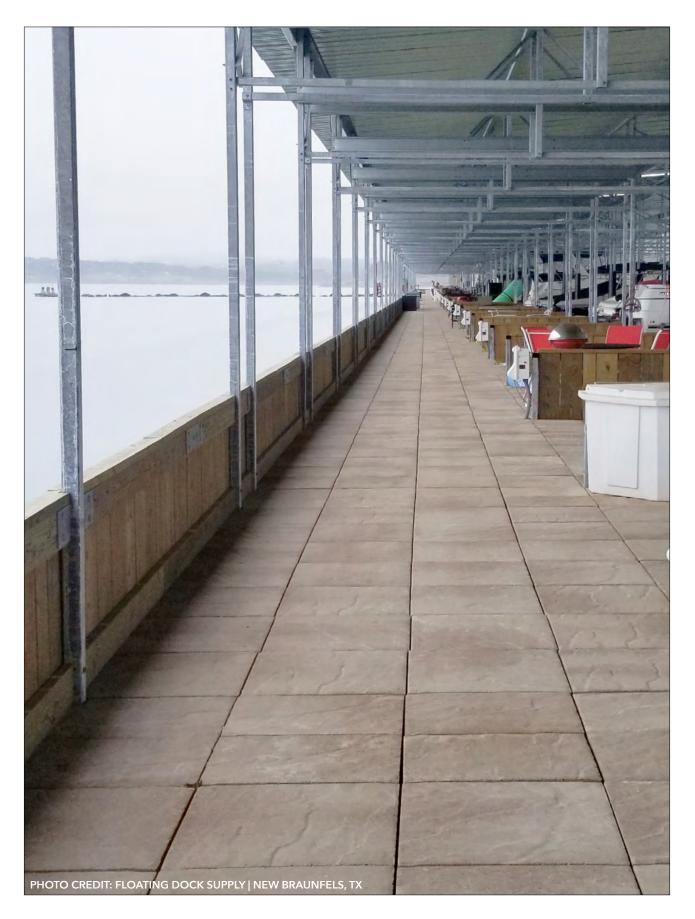


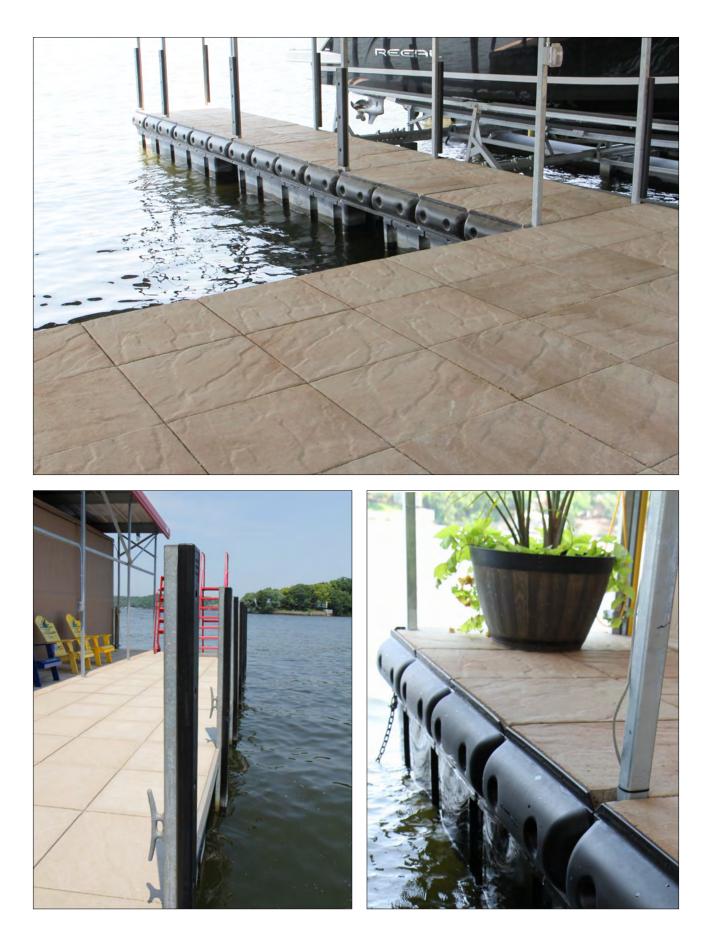




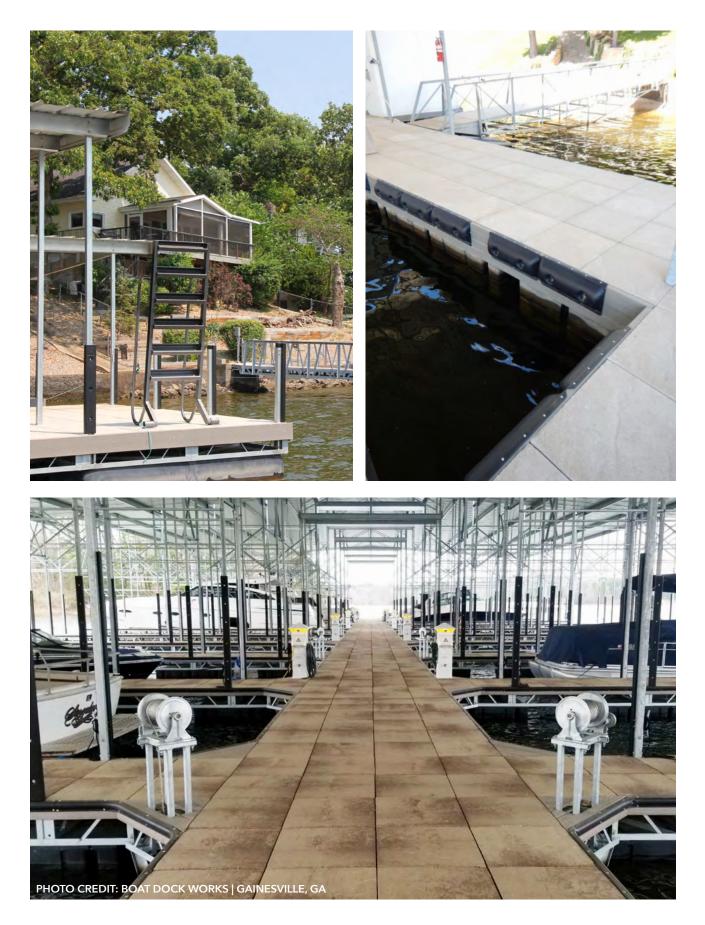










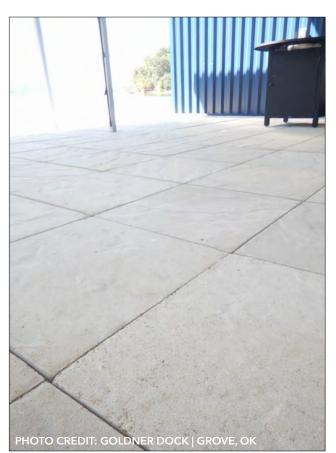




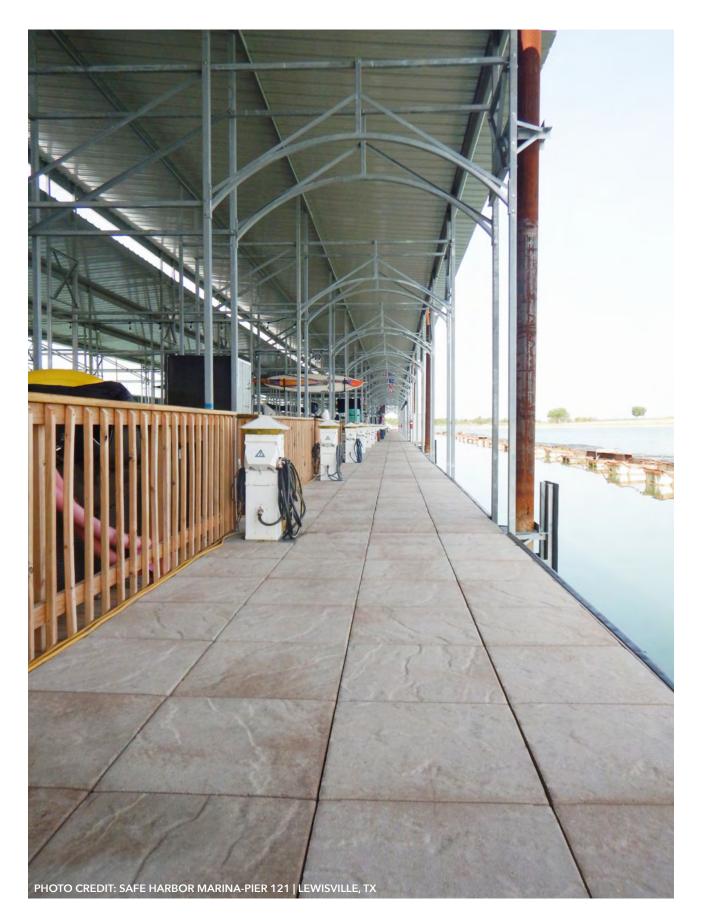












## LADDERS

## WETSTEPS® WELDED LADDER

- **ERGONOMIC DESIGN-** MAKES ENTERING AND EXITING THE WATER FROM ANY PLATFORM EFFORTLESS. A SAFE EXPERIENCE FOR ALL AGES.
- DURABLE, LIGHTWEIGHT DESIGN- EASY TO LIFT OUT FOR DRY STORAGE WITHOUT LOSING ANY DOCK SPACE.
- HEAVY DUTY, FLIP MOUNT- ALLOWS THE LADDER TO FLIP UP AND OUT OF THE WATER WITH EASE.
- **STAIRWAY DESIGN-** EXTRA WIDE WALKWAY, HIGH HANDRAIL AND NEAR 40° ANGLE GIVES THE SAME FEELING AS WALKING UP AND DOWN A STAIRWAY.
- SUPERIOR QUALITY- THE HIGHEST GRADE OF ALUMINUM AVAILABLE AND LATEST WELDING TECHNOLOGY CREATES QUALITY YOU WON'T FIND IN ANY OTHER DOCK LADDER.

WETSTEPS® WELDED LADDER SPECIFICATIONS: AVAILABLE IN 4-, 5- AND 6-STEP CONFIGURATION STEPS: 24" WIDE & 6" DEEP WEIGHT LIMIT: 500 LBS

- EASY INSTALL WITH K + R DOCK PLATE- PAGE# 24

### POWDER COATING OPTIONS:

#### HUNTER GREEN SAFETY ORANGE SATIN BLACK RED BLUE WHITE SILVER CANDIED (TRANSLUCENT) ルモエ LIME GREEN BLACK SMOKE RED BLUE COPPER PURPLE CLEAR HAMMERED (TEXTURED) HAMMERED BLACK COPPER VEIN SILVER VEIN FOR A LIST OF FAQ'S SEE PAGE #: 51

### 4 LADDERS

SOLID COLOR

SALES@KRMFG.COM



# LADDERS

## WETSTEPS® BOLT-TOGETHER LADDER

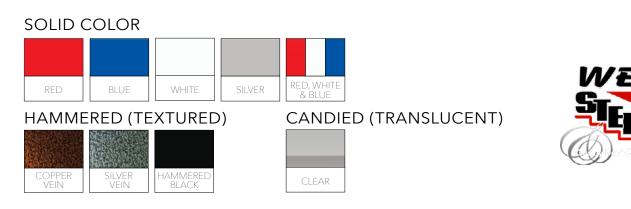
THE LATEST CONCEPT IN DOCK LADDERS BASED OFF THE ORIGINAL WETSTEPS® DESIGN TO MAKE GETTING IN AND OUT OF THE WATER EASIER AND SAFER.

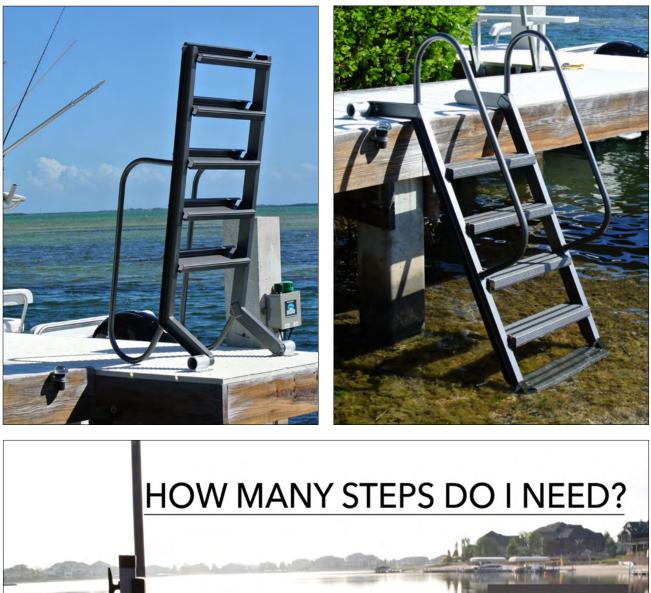
THE SECURE BOLT-TOGETHER LADDER HAS STEPS THAT BOLT ON, AS OPPOSED TO WELDED, ALLOWING FOR EASIER SHIPPING ANYWHERE IN THE U.S. BOLT TOGETHER LADDERS OFFER THE SAME SECURITY OF WIDE STEPS, BIG HANDRAIL, AND EASY ANGLE TO WALK OUT OF THE WATER EFFORTLESSLY FOR ALL AGES.

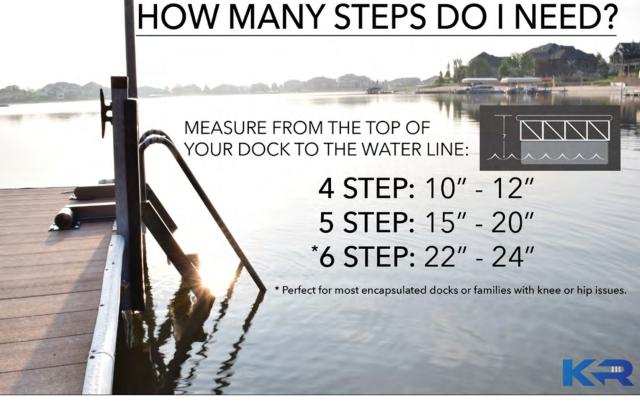
WETSTEPS® WELDED LADDER SPECIFICATIONS: AVAILABLE IN 5-, 6- AND 7-STEP CONFIGURATION BOXED, SOME ASSEMBLY REQUIRED STEPS: 20" WIDE & 6" DEEP WEIGHT LIMIT: 350 LBS DIMENSIONS (TOP OF DOCK TO BOTTOM OF LADDER) 5 STEP- 60" 6 STEP- 72"

- 7 STEP- 82"
- EASY INSTALL WITH K + R DOCK PLATE- PAGE# 24









LADDERS

## WETSTEPS® EZ DIVE

WIDESTEPS, STURDY RAILING, AND A STABLE BASE MAKE FOR A DIVE PLATFORM THAT EVERYONE CAN TRUST AND ENJOY. MADE FROM THE SAME LIGHTWEIGHT ALUMINUM AS WETSTEPS<sup>®</sup>, INSTALLATION IS GUARANTEED TO BE EASY.

AVAILABLE IN ALL OF THE SAME GREAT COLORS AS WETSTEPS<sup>®</sup>, IT WILL LOOK GREAT ON YOUR DOCK. WHAT ELSE COULD YOU ASK FOR?

- 6 STEP: 5' TO PLATFORM
- 7 STEP: 6' TO PLATFORM
- 8 STEP: 7' TO PLATFORM

REMEMBER: PLATFORM HEIGHT DOES NOT INCLUDE DOCK HEIGHT. 8 STEP COULD TURN INTO A 10' JUMP TO THE WATER!



## WET STEPS® EZ BOARD

NO MORE REACHING OR RISKING A FALL TRYING TO BOARD YOUR BOAT. THE EZ BOARD IS THE LATEST ANSWER TO BOARDING OR SERVICING YOUR VESSEL FROM A STABLE AND SAFE ENVIRONMENT. THE EZ BOARD IS CONSTRUCTED FROM LIGHTWEIGHT ALUMINUM AND CAN BE DRY STORED OUT OF THE WAY OF DOCKING BOATS.

TO FIGURE HOW MANY PLANKS YOU WILL NEED MEASURE FROM THE SIDE OF YOUR DOCK TO WHERE YOU WOULD LIKE TO BOARD YOUR BOAT AND DEDUCT 6". HANDRAILS CAN BE WELDED ON LEFT OR RIGHT SIDE AS YOU ENTER YOUR BOAT.



## WETSTEPS® FISH CLEANING STATION

THE ULTIMATE FISH CLEANING STATION. DURABLE, FUNCTIONAL & VISUALLY APPEALING.

CRAFTED USING THE SAME HIGH-QUALITY BUILDING TECHNIQUES THAT WETSTEPS® IS KNOWN FOR, THE DOCK SIDE-MOUNTED FISH CLEANING STATION PROVIDES THE SPACE NEEDED FOR CLEANING FISH WHILE STAYING OUT OF THE WAY. BUILT WITH DURABLE ALUMINUM TUBULAR SUPPORTS, AND FINISHED WITH A POLY WELDED STARBOARD SURFACE THE WETSTEPS® FISH CLEANING STATION IS BUILT TO LAST.





## WET STEPS® FAQS

#### HOW MUCH WEIGHT CAN EACH LADDER SUPPORT?

When mounted securely and properly to the dock/pier structure, the welded ladder can support 500 lbs. If assembled properly, the Bolt-Together can support 350 lbs.

#### WHAT SIZE ARE THE STEPS?

Welded ladder- steps are 24" wide & 6" deep. Bolt together ladder- 20" wide & 6" deep.

#### WHEN IN THE WATER, HOW DEEP WILL THE STEPS REACH?

WetSteps<sup>®</sup> ladders come out at an angle, the measurement from mounting surface to the bottom step (which is not designed to touch bottom) are approximately: 4 step 42"

5 step 52" 6 step 62" 7 step 72"

#### HOW HEAVY ARE THE WETSTEPS®?

Constructed from aluminum, the WetSteps<sup>®</sup> are lightweight and considered to be manageable to lift out of the water. The approximate weight is 30-40 lbs depending upon the size. WetSteps are considerably lighter than steel or wooden ladders.

### WILL MY LADDER STAY LOOKING NEW?

Powder coating is available to help protect your ladder.

### CAN IT BE TAKEN OUT OF THE WATER FOR STORAGE?

Yes, it is recommended to take your ladder out of the water when not in use. Every WetStep<sup>®</sup> ladder comes with a pin lock to hold in place in case of heavy winds.

### CAN I LEAVE IT IN THE WATER WHEN NOT IN USE?

No. It is recommended to remove it from the water when not in use to prevent algae, barnacles, etc. from growing. This also prevents build-up which can make any step slippery as well as offer protection from discoloration.

### DOES IT RUST?

All metals oxidize; however, unlike other metals, aluminum performs extremely well in water. Please note: Aluminum will never rust, but if left untreated will discolor in water.

## STANDARD DOCK LADDER

HEAVY DUTY, ALUMINUM DOCK LADDERS AVAILABLE IN 4-\*, 5-, 6-\*, 7-STEP\* MODELS. NON-SKID STEPS AND ALL WELDED CONSTRUCTION GUARANTEE YEARS OF RELIABLE SERVICE.

- 6063-T5 MARINE GRADE ALUMINUM
- MILL FINISH
- TIG WELDING PROCESS BY AWS CERTIFIED WELDERS
- SAFE DESIGN CAPACITY SURPASSING 665 POUNDS PER RUNG
- GROOVED 2" LADDER RUNGS PROVIDE EXTRA TRACTION
- EASY INSTALLATION



SIZE	FLIP-UP
4 STEP*	LD-4STSLD*
5 STEP	LD-5STSLD
6 STEP*	LD-6STSLD*
7STEP*	LD-7STSLD*

\* NON-STOCK ITEMS–SPECIAL ORDER ITEMS ONLY 5 STEP FLIP-UP | STOCK ITEM



## **DURA WINCH**

- HOT-DIPPED GALVANIZED FOR SUPERIOR CORROSION PROTECTION
- EXTRA HEAVY-DUTY CONSTRUCTION IN WINCH FRAME AND SPOOL BRACKETS
- GREASE FITTINGS AT ALL WEAR AND STRESS POINTS TO ENSURE SMOOTH OPERATION
- SPRING LOADED HOLDING DOG FOR A SECURE LOCK
- ADJUSTABLE HANDLE FOR EASY OPERATION
- POSITIVE RETENTION CABLE HOLDING MECHANISM
- TWO SPEED OPERATION
- TO BE USED AS ANCHORING DEVICES- NOT DESIGNED FOR LIVE LOADS

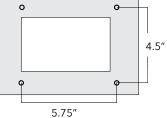




### #8 MARINE WINCH



### **BOLT SPACING**



### **SPECIFICATIONS**

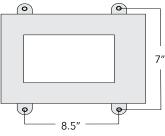
Inside drum width	6"
Bolt Diameter	7/16″
Cable Capacity	
1/4″	150 feet
5/16″	105 feet
3/8" (max.Size)	65 feet
Weight	35 lbs
Holding capacity	3,000 lbs
Lifting capacity	1,500 lbs
Gear ratio	Large gear–3 to 1
	Small gear–8 to 1

PART # DW-8

### #10 MARINE WINCH



BOLT SPACING



### **SPECIFICATIONS**

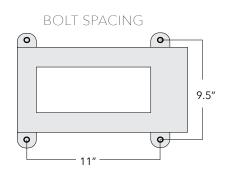
Inside drum width	5″
Bolt Diameter	1/2″
Cable Capacity	
3/8″	130 feet
1/2"	92 feet
5/8″	60 feet
3/4″	37 feet
Weight	85 lbs
Holding capacity	10,000 lbs
Lifting capacity	3,000 lbs
Gear ratio	Large gear–4 to 1
	Small gear–11 to 1
HAND BRAKE INCLUDED	

PART #

DW-10

### #11 MARINE WINCH SPECIFICATIONS





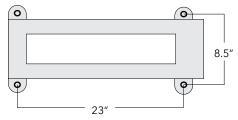
Inside drum width	8 3/4"
Bolt Diameter	1/2″
Cable Capacity	
3/8″	260 feet
1/2″	185 feet
5/8″	120 feet
3/4" (max. Size)	75 feet
Weight	90 lbs
Holding capacity	10,000 lbs
Lifting capacity	3,000 lbs
Gear ratio	Large gear–4 to 1
	Small gear–11 to 1
HAND BRAKE INCLUDED	

PART # DW-11

### #23 MARINE WINCH



**BOLT SPACING** 



### **SPECIFICATIONS**

Inside drum width	21″
Bolt Diameter	1/2″
Cable Capacity	
3/8″	560 feet
1/2"	320 feet
5/8″	280 feet
3/4" (max.Size)	345 feet
Weight	120 lbs
Holding capacity	10,000 lbs
Lifting capacity	3,000 lbs
Gear ratio	Large gear–4 to 1
	Small gear–11 to 1

HAND BRAKE INCLUDED

PART # DW-23

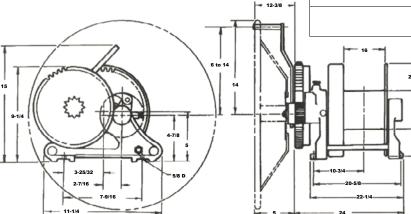
## LM16 WINCH

### STANDARD FEATURES:

- ASSEMBLED IN THE USA (LOUISIANA)
- CAST STEEL DRUMS AND RING GEAR
- STEEL LOAD BEARING COMPONENTS, CAST STEEL FRAMES
- REPLACEABLE BRONZE BUSHINGS
- SPRING LOADED HOLDING DOG WITH RELEASE HANDLE
- HAND OPERATED, ADJUSTABLE HOLDING BRAKE
- EASY FREE SPOOLING
- TWO SPEED GEAR CHANGE OFFERS FAST CABLE TAKE UP AND EASIER WINCHING SPECIFICATIONS



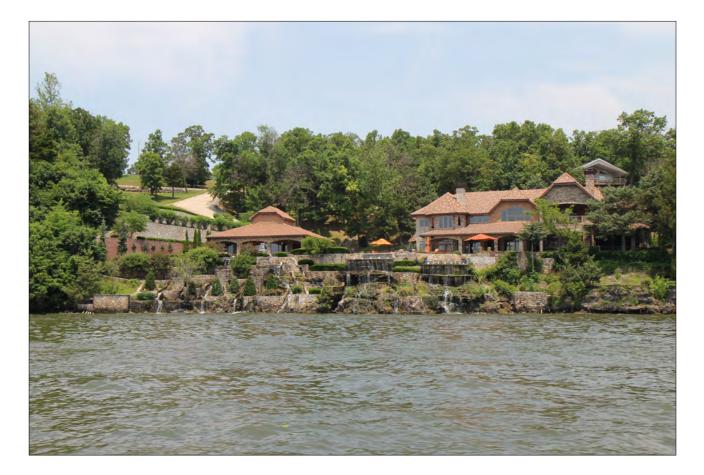
Cable Capacity	
1/2″	780 feet
5/16"	561 feet
3/8″	316 feet
7/16″	296 feet
1/2″	192 feet
Weight	83 lbs
Holding capacity	2 TON
Gear ratio	Large gear–4 to 1
	Small gear–22 to 1



## LM16 HANDLE & PINION ASSEMBLY

## WINCH HANDLE AND PINION ASSEMBLY TO BE USED WITH THE LM16 WINCH. 2 TON CAPACITY

PART #	DESCRIPTION
DW-BLM16-NH	LM16 Winch W/O Crank Handle
DW-B287	2 Ton Winch Handle & Pinion Assembly



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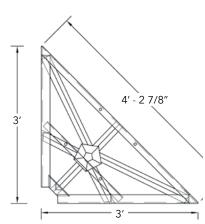
## WINCH RISER & FAIRLEAD

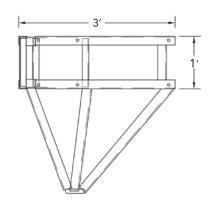
FAIRLEADS ALLOW FOR THE PLACEMENT OF WINCHES IN FRONT CORNERS OF SLIPS ON COMMERCIAL OR RESIDENTIAL DOCKS WHERE DOCKS MUST BE ANCHORED TO THE BOTTOM OF THE LAKE. THEY SPREAD THE LOAD OUT EVENLY FOR GREATER STRENGTH AND LESS STRESS ON THE SUBSTRUCTURE. WHEN USED IN CONJUNCTION WITH A WINCH RISER, FAIRLEADS ALLOW FOR EASY ACCESS OF INSTALLATION AND ADJUSTMENT WITH FLUCTUATING WATER LEVELS.

### GALVANIZED FAIRLEAD

### WINCH STAND FAIRLEAD 12" FRAME

- HEAVY DUTY CONSTRUCTION
- MADE FROM 2" X 2" X 3/16" ANGLE IRON & 1/2" ROUND ROD
- PRE-PUNCHED HOLES FOR EASY INSTALLATION
- HOT DIPPED GALVANIZED
- WEIGHT: 135 LBS





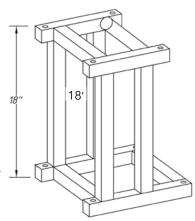


PART # DW-WS12

### GALVANIZED WINCH RISER

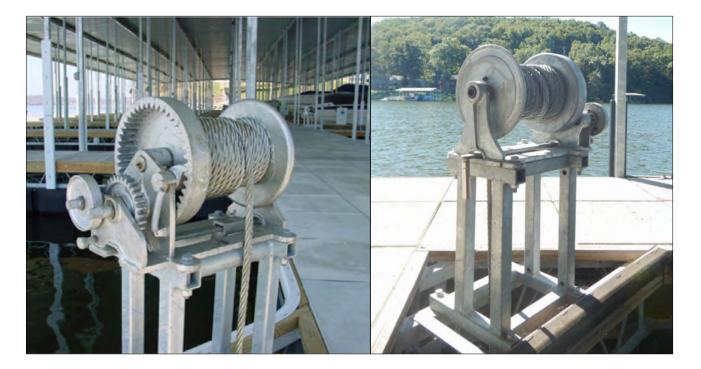
### GALVANIZED WINCH RISER FOR #10 OR #11 WINCH

- HEAVY DUTY CONSTRUCTION
- MADE FROM 1 1/2", 11 GAUGE SQUARE TUBING
- PRE-PUNCHED HOLES FOR EASY INSTALLATION
- HOT DIPPED GALVANIZED
- WEIGHT: 30 LBS





PART # DW-WR10-11



## DOCK ACCESSORIES

CAPS MADE OF UV-STABILIZED POLYETHYLENE- DESIGNED TO WEATHER THE ELEMENTS. POST CAPS PROVIDE AN ECONOMICAL WAY TO ENHANCE THE OVERALL LOOK OF YOUR DOCK WHILE HELPING TO PROTECT YOUR WOODEN PILINGS FROM ROT.

### POST CAPS



PART #	SIZE
PC-2CAP	2″
PC-212CAP	2.5″
PC-3CAP	3"

AVAILABLE IN WHITE OR BLACK

### PILE CAPS

INJECTION MOLDED POLYETHYLENE WITH A THICKNESS OF .100. ALL SIZES AVAILABLE IN WHITE OR BLACK, SQUARE OR ROUND, AND CONED.



PART #	SIZE
ROUND	7" to 16"
SQUARE	8", 10", 12", 14", 16"

### DOCK WHEEL

DOCK WHEELS OFFER SUBSTANTIAL DOCK CUSHIONING AND FEATURE MOLDED-IN VALVES TO ADJUST THE LEVEL OF FIRMNESS. GALVANIZED HARDWARE MOUNTS SECURELY TO THE DOCK. CHOOSE FROM CORNER MOUNT OR STRAIGHT MOUNT.

WHEEL SIZES-12"

- SIDE MOUNT OR CORNER MOUNT
- ALL MOUNTING HARDWARE IS GALVANIZED
- INFLATABLE WHEEL
- AVAILABLE IN WHITE OR BLACK

PART #	ТҮРЕ
DA-WCM12	CORNER MOUNT
DA-WSM12	SIDE MOUNT

### FOLD-UP CLEAT

RETRACTABLE DOCK CLEAT THAT WON'T HURT YOUR FEET! THIS STURDY DOCK CLEAT FEATURES A CLEAT THAT FOLDS INTO A LOW PROFILE BASE TO PROVIDE A SMOOTH TOP SURFACE. MADE OF A NYLON COMPOSITE THAT IS RATED AT 27,000 POUNDS PER SQUARE INCH OF TENSILE STRENGTH. THE MATERIALS ARE UV STABILIZED TO DEFLECT HEAT UP TO 400° AND WILL NOT CORRODE IN SALT AIR.

500	PART #	SIZE
	CLT-CLTSEATB6	6"
	CLT-CLTSEATB9	9″

### SIDE MOUNT CLEAT



ALUMINUM SIDE MOUNT CLEAT IDEAL FOR LIGHT LOADS AND PWC BODY: 1/2" THICK X 2" WIDE X 17" LENGTH ROUND BAR: 3/4" DIAMETER X 8-1/2" LENGTH MOUNTING HOLES: 1/2" STOCK, CAN BE DRILLED OUT TO 9/16" FITS 10" AND 12" FRAMES

\*CUSTOM SIZES AVAILABLE

PART #

CLT-ASM

### GALVANIZED CLEATS



PART #	SIZE
CLT6	6"
CLT8	8″
CLT10	10″
CLT12	12″
CLT14	14″

### NYLON CLEAT

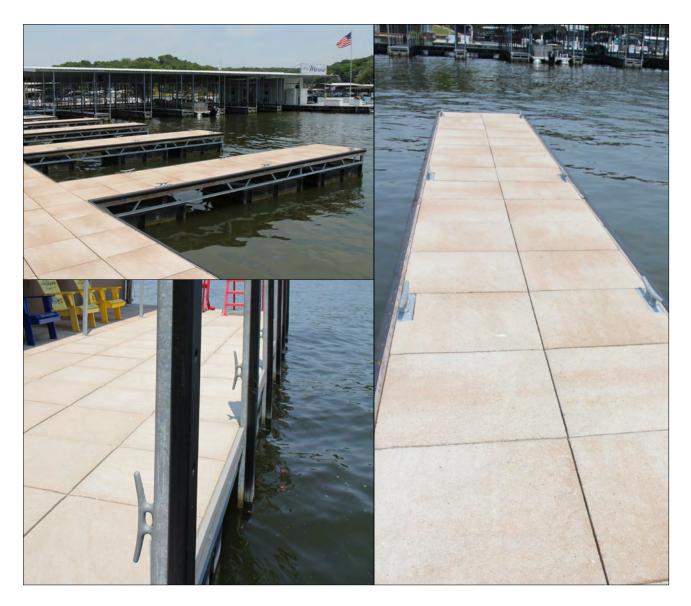


PART #	SIZE
CLTN8	8″

### ALUMINUM S-CLEATS



PART #	SIZE
CLT10S	10"
CLT12S	12″
CLT15S	15"



## FASTENERS



### BUMPERS + VINYL FASTENERS

FA-TS1420175	1/4"x 20 x 1.75" Wafer Head Tek Screw T-40 2300/Box
FA-TS1420175i	1/4″x 20 x 1.75″ Wafer Head Tek Screw T-40 (Individual)
FA-TS1420300	1/4" 20 x 3" T40 ACQ Approved Tek Screw 1000/box
FA-TS1420300i	1/4″ 20 x 3″ T40 ACQ Approved Tek Screw (Individual)

### FLOAT FASTENERS

FA-HDWASHER	3/8"x 2"x 3/16" Heavy Duty Plated Flat Washer
FA-37CNNEZ	3/8″ Locking Nut
FA-FCA	Float Clip Assembly
FA-JBOLTS	Short Plated J-Bolt

### FASTENERS

NAS-492-AX	Apex Phillips #2 x 2-3/4" Bit
NAS-493-AX	Apex Phillips #3 x 2-3/4" Bit
FA-T30BIT	T 30 Torx Bit
FA-T40BIT	T 40 Torx Bit
NAS-AT1223	1/2"x 2-3/4" Anchor Fasteners
FA-AT3470	3/4"x 7" Anchor Fasteners
FA-GXB640A	3/8"x 2-1/2" Hot Dipped Galvanized Bolts
FA-XB640AZ	3/8"x 2-1/2" Zinc Plated Bolts
FA-37C300BTAZ	3/8"x 3" Zinc Plated Bolts (Fully Threaded)
FA-BFC6DGJ	3/8" Hot Dipped Galvanized Nuts
FA-TS14175T40	1/4"x 20 x 1.75" T-40 Coated Tek Screw 1200/Box

## CABLE, CHAIN, ROPE + HARDWARE

### IWRC GALVANIZED WIRE ROPE

CLASS TYPE	SIZE	WEIGHT PER FOOT	BREAKING STRENGTH
7 x 19	1/8″	.03 LBS	1 TON*
7 x 19	3/16″	.07 LBS	2.1 TONS*
7 x 19	1/4″	.11 LBS	3.5 TONS*
7 x 19	5/16"	.17 LBS	4.9 TONS*
7 x 19	3/8″	.243 LBS	7.2 TONS*
6 x 19	1/2"	.46 LBS	10.3 TONS*
6 x 19	5/8″	.72 LBS	16.1 TONS*
6 x 19	3/4″	1.04 LBS	23.0 TONS*

\* ACTUAL OPERATING LOADS MAY VARY

### STAINLESS STEEL WIRE ROPE TYPE 304

CLASS TYPE	SIZE	WEIGHT PER FOOT	BREAKING STRENGTH
7 x 19	1/8″	.03 LBS.	.88 TON*
7 x 19	3/16″	.07 LBS.	1.85 TONS*
7 x 19	1/4″	.11 LBS.	3.2 TONS*
7 x 19	5/16″	.17 LBS.	4.9 TONS*
7 x 19	3/8″	.243 LBS.	6.0 TONS*
6 x 19	1/2"	.46 LBS.	11.4 TONS*
6 x 19	5/8″	.72 LBS.	17.5 TONS*
6 x 19	3/4″	1.04 LBS.	23.8 TONS*



### POLYPROPYLENE/MANILA ROPE



POLYPROPYLENE ROPE:

3/8", 1/2" AND 5/8" DIAMETER 600' OR 1200' REELS

MANILA ROPE:

1", 1-1/2" AND 2" DIAMETER, SEVERAL VARIATIONS OF LENGTHS USED FOR ROPING OFF AREAS FOR HANDRAIL, ETC. IN MARINAS

**\*OTHER SIZES/DIMENSIONS AVAILABLE** 

### GALVANIZED PROOF COIL CHAIN



SIZE	W.L.L.	WEIGHT PER FOOT
3/16″	750 LBS.	0.33 LBS.
1/4″	1250 LBS.	0.63 LBS.
5/16″	1900 LBS.	0.93 LBS.
3/8″	2650 LBS.	1.41 LBS.

### GALVANIZED FORGED TURNBUCKLES

AVAILABLE IN MULTIPLE CONFIGURATIONS: Hook & Eye, Eye & Eye, Hook & Hook, Jaw & Eye, Jaw & Jaw

SIZE	WEIGHT EACH		SIZE	WEIGHT EACH
5/16" x 4-1/2"	0.58 3/4" x 12"		5.65	
3/8″ x 6″	0.81		3/4" x 18"	7.25
1/2″ x 6″	1.60		7/8″ x 12″	8.10
1/2″ x 12″	2.40		7/8″ x 18″	10.00
5/8″ x 6″	2.75		1″ x 18″	14.00
5/8″ x 12″	3.78			

### GALVANIZED EYE BOLTS

	SIZE	WORKING LOAD LIMIT	APPROXIMATE WEIGHT EACH
	3/8" x 4-1/2"	1,200	.28
	3/8″ x 6″	1,200	.33
	1/2" x 3-1/4"	2,200	.54
10	1/2" x 6"	2,200	.68
1	1/2" x 12"	2,200	.97
0	5/8″ x 6″	3,500	1.38
•	3/4" x 6"	5,200	1.81
	5/8″ x 12″	3,500	1.69
	3/4" x 12"	5,200	2.50
-	1" x 12"	10,000	5.00
	1" x 18"	13,300	8.00



### GALVANIZED/STAINLESS WIRE ROPE CLIPS



SIZE	PER 100 WEIGHT	SIZE	PER 100 WEIGHT
1/8″	5	3/8″	21
3/16″	10	1/2″	37
1/4″	13	5/8″	59
5/16″	15	3/4″	84

### GALVANIZED/STAINLESS SCREW PIN SHACKLE

	SIZE	PER 100 WEIGHT	SIZE	PER 100 WEIGHT
	1/4″	10	5/8″	130
	5/16″	16	3/4″	230
	3/8″	28	7/8″	337
	1/2″	60		

### GALVANIZED/STAINLESS THIMBLES

	SIZE	PER 100 WEIGHT	SIZE	PER 100 WEIGHT
	1/4″	7.5	1/2″	51
	5/16″	14	5/8″	75
	3/8″	25	3/4″	147

# SOLAR LIGHTS

## CARMANAH® LIGHTS

AS ONE OF THE MOST ENVIRONMENTALLY FRIENDLY CHOICES YOU CAN MAKE, CARMANAH'S SOLAR MARINE LANTERNS FEATURE A SMOOTH DOMED TOP THAT ALLOWS FOR EASY CLEANING AND RELIABLE SOLAR CHARGING. THIS RUGGED DESIGN PROVIDES A CLEAN PERFORMANCE WITH VERY LOW MAINTENANCE.

- SELF-CONTAINED SOLAR POWERED LIGHTS THAT ARE WELL ENGINEERED USING STATE-OF-THE-ART TECHNOLOGY.
- PRACTICAL FOR MULTIPLE APPLICATIONS–MARINE LIGHTING, EMERGENCY PHONE BOOTH LIGHTING, AIRPORT SECURITY MARKERS FOR PARKED PLANES.
- COMPACT, EASY INSTALLATION AND EASY TO USE.





- NO BULBS OR BATTERIES TO REPLACE\*
- NO WIRES
- BATTERY BACKUP STORAGE- UP TO 3 WEEKS WITHOUT SUN
- 5-8 YEAR LIFE CYCLE EXPECTED
- LED LIGHT SOURCE
- TOTALLY SEALED CONSTRUCTION
- THREE YEAR WARRANTY, LIMITED
- PROMOTES SAFE BOATING
- FULLY PROGRAMMABLE
- COMPLETELY WATERPROOF, VIBRATION PROOF, AND VANDAL RESISTANT

#### MODEL 550

LEVERAGING CUSTOM OPTICS, HIGH-EFFICIENCY SOLAR PANELS, AND PREMIUM MATERIALS, THIS MINIATURE SOLAR LED MARINE LANTERN OFFERS UP TO THREE TIMES THE RANGE AT HALF THE SIZE. NOW WITH REPLACEABLE, RECYCLABLE BATTERIES THIS LANTERN PROVIDES EXCELLENT VALUE AND RELIABLE OPERATION FOR OVER FIVE YEARS.



RANGE: 3 NM FLASH: 40 FLASH PATTERNS PEAK INTENSITY: 26 CANDELA MTG. HOLES: 2 (TWO) WEIGHT: .8 LBS.

PART #

SL-M550-

#### MODEL 650

THE M650H FEATURES A REPLACEABLE BATTERY PACK THAT EXTENDS THE SERVICE LIFE BEYOND FIVE YEARS. APPLICATIONS INCLUDE: MARINE AIDS-TO-NAVIGATION MARKING, MARINA LIGHTING, DOCK LIGHTING, AND PORT LIGHTING.



RANGE: 4 NM FLASH: FULLY PROGRAMMABLE PEAK INTENSITY: 44 CANDELA MTG. HOLES: 3 (THREE) WEIGHT: 3.5 LBS.

PART #

SL-M650-

#### SOLAR MARINE LIGHT

THE SOLAR MARINE LITE IS AN INDUSTRIAL STRENGTH SOLAR POWERED LIGHT DESIGNED FOR THE HARSHEST ENVIRONMENTS. GREAT FOR DOCK LIGHTING, MARINAS, BOAT HOUSES, SAFETY LIGHTING, CHANNEL MARKERS, BUOYS, OBSTRUCTION LIGHTING, MOORING LIGHTS, AND JUST ABOUT ANYWHERE YOU MAY NEED A LIGHT!



- 24-36 HOUR RUN TIME ON FULL CHARGE
- 1 NAUTICAL MILE VISIBILITY
- CHANGEABLE BATTERIES
- FLASHING OR STEADY (FIVE COLORS AVAILABLE)

PART # SL-LLSMLX-

#### SOLAR DOCK LIGHT V5

THE SOLAR DOCK LITE<sup>™</sup> V5 IS A GREAT WAY TO LIGHT UP YOUR DOCK OR PIER. THIS UNIT IS HANDS FREE AND ENERGY EFFICIENT! LASTS 18+ HOURS ON A FULL CHARGE AND IS BRIGHTER THAN CONVENTIONAL SOLAR GARDEN LIGHTS.



- 1 2 PACK

- 8-20 HOUR RUN TIME ON FULL CHARGE
- CHANGEABLE BULBS (SIX COLORS AVAILABLE)
- CHANGEABLE BATTERIES
- UNIVERSAL FIT (FIVE MOUNTING OPTIONS)

PART # SL-SOLAR LIGHT

#### SOLAR DECK LIGHT

THE MARINE GRADE SOLAR DECK LITE IS AN INDUSTRIAL STRENGTH SOLAR POWERED DOCK LIGHT MADE FROM ANODIZED ALUMINUM FOR SUPERIOR PROTECTION IN HARSH MARINE ENVIRONMENTS. LOW PROFILE DESIGN MAKES IT PERFECT FOR DOCKS AND MARINA APPLICATIONS NEEDING TO PROVIDE AMBIENT PATHWAY & DOCK LIGHTING.



- INDUSTRIAL STRENGTH SOLAR LIGHT CHARGE
- MADE FROM ANODIZED ALUMINUM
- LOW PROFILE, WATERPROOF DESIGN
- BUILT IN REFLECTOR PROVIDES EXTRA SAFETY



SL-SDLDECK



### **DE-ICER** KASCO DE-ICER

NO ONE HAS MORE EXPERIENCE IN DE-ICING THAN KASCO<sup>®</sup>. ORIGINALLY DEVELOPED TO ALLOW IN-WATER BOAT STORAGE IN AREAS SUBJECT TO FREEZING, THE DE-ICER IS NOW USED IN A MULTITUDE OF APPLICATIONS. DE-ICERS PUSH WARM BOTTOM WATER TO THE SURFACE TO PREVENT OR ELIMINATE ICE FORMATION, CREATING AN ICE-FREE AREA OF PROTECTION AROUND YOUR BOAT, DOCK, PIER, OR OTHER IN-WATER PROPERTY.



- AVAILABLE IN 1/2, 3/4, AND 1 HP
- OFFERED AS 120V(60HZ), 240V(60HZ), OR 220V(50HZ)
- 60 HZ UNITS ARE ETL APPROVED TO CSA AND UL STANDARDS
- 50HZ UNITS ARE APPROVED TO CE STANDARDS
- INCLUDES (2) 20 FT. (6M) SUSPENSION ROPES
- ALL EXPOSED METAL IS SALT WATER COMPATIBLE
- SAVE POWER AND OPTIMIZE PERFORMANCE WITH CONTROL PANELS
- POWER CORDS ARE INCLUDED AND OFFERED IN MULTIPLE LENGTHS
- NATION-WIDE PRODUCT SUPPORT AND SERVICE CENTERS
- READY TO USE OUT OF THE BOX
- 2 YEAR LIMITED WARRANTY

MODEL	SIZE (HP)	CORD LENGTH (FT.)	VOLTAGE OPTIONS	PHASE OPTIONS	AMPS	THRUST (LBS.)
2400 D	1/2	25, 50, 100, 150, 200	120V	1	5	29
3400D	3/4	25, 50, 100, 150, 200	120V	1	6.7	34
3400HD	3/4	50, 100, 150, 200	208-240V	1	3.4	34
4400D	1	50, 100, 150, 200	120V	1	11.3	41
4400HD	1	50, 100, 150, 200	208-240V	1	5.7	41

CONTACT FOR PRODUCT AVAILABILITY

#### 12V PORTABLE DE-ICER



- 275 WATT MOTOR FOR EXCELLENT MIXING AND DE-ICING PERFORMANCE
- UP TO 5 HOURS ON A SINGLE 100 AMP HOUR
- DURABLE FINISHES ON ALL MATERIALS, INTERNAL AUTO-RESET THERMAL OVERLOAD PROTECTION, STAINLESS STEEL MOTOR SHAFT, SEALED BALL BEARINGS, LONG LIFE BRUSHES, AND MECHANICAL SEALS.
- COMPACT, LIGHT WEIGHT DESIGN IS PERFECT FOR SMALL AREAS AND EMERGENCY APPLICATIONS



## DE-ICER OPTIONAL EQUIPMENT

#### C-10 ADJUSTABLE THERMOSTAT



THE C-10 THERMOSTAT CONTROLLER IS AN INEXPENSIVE WAY TO CONTROL THE OPERATION OF YOUR DE-ICER. THE C-10 USES AN AIR TEMPERATURE THERMOSTAT TO TURN THE DE-ICER ON WHEN THE TEMPERATURE DROPS BELOW A SET POINT THAT YOU DECIDE. ONE C-10 CONTROLS ONE 120V DE-ICER.

Note: Kasco's control panels are available only in 120V, 60Hz.

#### C-20 TIME AND TEMPERATURE DE-ICER CONTROL



THE C-20 TIME AND TEMPERATURE CONTROLLER ALLOWS YOU TO DETERMINE AT WHAT AIR TEMPERATURE AND TIME OF DAY THE DE-ICER TURNS ON BY USING BOTH AN AIR TEMPERATURE CONTROLLER AND TIMER CLOCK. ONE C-20 WILL CONTROL ONE 120V DE-ICER.

Note: Kasco's control panels are available only in 120V, 60Hz.

#### SUSPENDED OPERATION



KASCO DE-ICERS COME COMPLETE FOR SUSPENDED OPERATION FROM A DOCK OR BOAT IN EITHER A VERTICAL OR ANGLED POSITION. AN ANGLED POSITION PRODUCES AN ELONGATED PATTERN OF AGITATED WATER, WHILE A VERTICAL POSITION PRODUCED A CIRCULAR PATTERN. EASILY ADJUST THE ANGLE OF SUSPENSION BY SIMPLY LOOPING ONE SUSPENSION ROPE BACK ONE OR TWO BARS ON THE PROPELLER CAGE.

#### UNIVERSAL DOCK MOUNT



EASILY MOUNT AND POSITION YOUR DE-ICER UNIT ON A DOCK, PILING, OR OTHER WATER-FRONT PROPERTY WITH OUR UNIVERSAL DOCK MOUNT KIT. USING A 1 IN. DIAMETER STAINLESS STEEL PIPE\* AND ENGINEERING-GRADE COMPOSITE MOUNTING HARDWARE, THIS STURDY MOUNTING SYSTEM LETS YOU SEAMLESSLY ROTATE THE UNIT UNDER WATER AND CHANGE ITS ANGLE AND DEPTH. \*Special Order Item

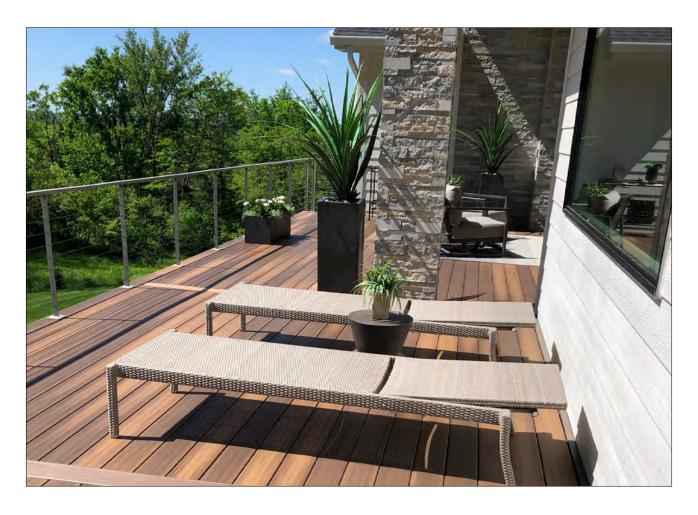
#### INDUSTRIAL DOCK MOUNT



KASCO'S HEAVY-DUTY DOCK MOUNT IS MADE FROM CORROSION-RESISTANT STAINLESS STEEL MOUNTING HARDWARE ACCOMPANIED BY A STAINLESS STEEL PIPE (PIPE IS CUSTOMER SUPPLIED). THIS ALLOWS IT TO WITHSTAND THE DEMANDING ENVIRONMENTS OF INDUSTRIAL OR HARSH APPLICATIONS. UTILIZING ITS UNIQUE DESIGN, YOU CAN EASILY CHANGE THE DE-ICER'S ANGLE, DEPTH AND POSITION. \*Special Order Item



# K + R BUILDING MATERIALS



Our sister company, K + R Building Materials, was founded in 2004 when an opportunity to expand our product offering beyond the marine trade presented itself. Today we have centralized distribution centers throughout the Midwest. We are a one-stop-shop for decking, railing, siding and more for the professional lumber dealer trade. The cornerstone of the entire K + R organization is our service; delivering on our promises and exceeding our customers' expectations. You will find the same commitment to exceptional products and service whether choosing us as your supplier for your marine needs or specialty building materials demands. The K + R Building Materials catalog and website www.krwholesale.com provide a comprehensive look at the building material products we offer. To locate a dealer for any of our building materials products in your area, please reach out to your sales representative.

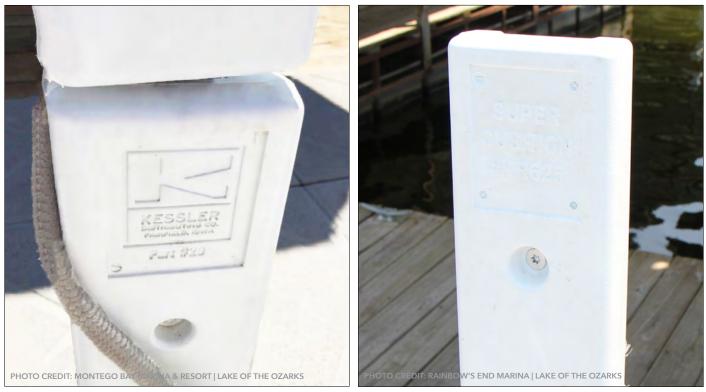
#### OUR SISTER COMPANY

#### FEATURED PRODUCTS:

- RAILING
- DECK DRAINAGE
- FASTENERS
- SIDING

- DECKING
- COLUMNS
- LIGHTING
- BALUSTERS

# TRIED AND TRUE



#### 1982 BUMPER

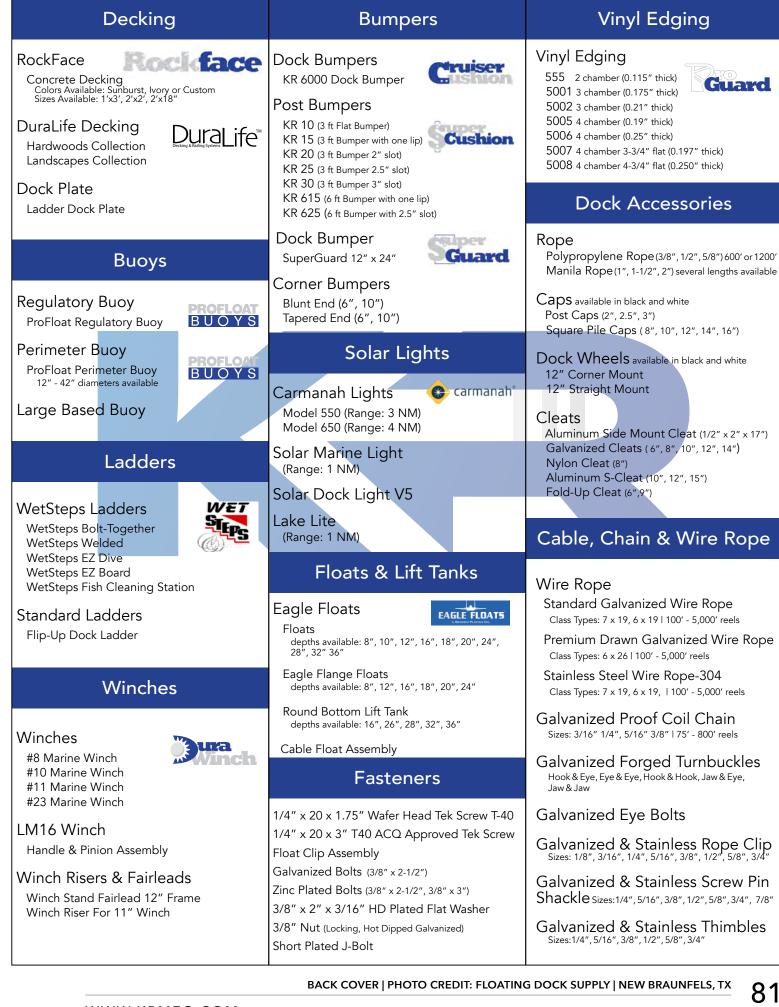
#### 2021 BUMPER

#### WHILE SOME THINGS AT K + R HAVE REMAINED THE SAME THROUGH THE YEARS, MANY THINGS LOOK QUITE DIFFERENT!

Our quest to provide superior service to our customer base will always be the cornerstone of our organization. It is our goal to approach each business and sales opportunity as a true partnership. We invite you to visit our new and improved site dedicated to communicating relevant information to our customer base. As you follow the QR code below you will find information dedicated to best practices, installation instructions, commonly asked questions and more. Please visit us here, and often, for important updates that will provide applicable information and resources for you!

We thank you for your business - past, present and future!









SALES@KRMFG.COM | WWW.KRMFG.COM