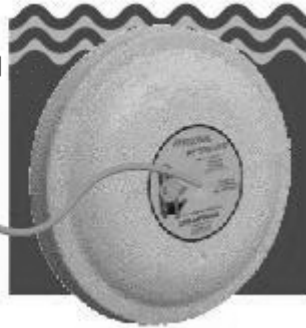


The Personal **Retriever™**

*The throwable rescue device
that goes farther, faster, safer*



US Coast Guard Approved

Type V Personal Floatation Device

NOTE: Please read these instructions thoroughly before using this device.

Owner's Manual

12/22/2005- PN: 222

The Personal Retriever™ was developed to enable first responders ashore or afloat to quickly retrieve people from the water. The Personal Retriever™ provides no less than 11.24 pounds (50 Newtons) buoyancy. It can be thrown accurately and repeatedly. It can be quickly and easily retrieved and re-deployed using the attached floating recovery line. It has a maximum range of 100 feet.

ATTENTION: With any new tool/skill, training is required to achieve maximum proficiency. LIFE-SAFER, INC. strongly recommends that you practice with the Personal Retriever™ until you feel confident in your ability to deploy the disc.

LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

The Personal Retriever™

Philosophy of Use

Designed by Professionals for Professionals

The Personal Retriever™ is the result of five years of research and development. It has been field-tested in the Commercial Maritime and Professional Rescue communities by world-class experts. With the help of an independent U.S. Coast Guard approved laboratory and the U.S. Coast Guard, the Personal Retriever™ has been granted “USCG Approval”. (*For applicable uses see the USCG Approval Labeling information on page 9 or look on the underside of the device*)

The product label states that the Personal Retriever™ is intended for “Professional Use Only”. At LIFE-SAFER, INC. professionalism is a philosophy and way of life, not a uniform or an employment designation. The Professional knows that skill and proficiency are only acquired through training and practice. The Personal Retriever™ is an appropriate tool for commercial/professional environments where personnel are likely to train and maintain such personal proficiency skills as CPR, First-Aid or other advanced response skills.

From the rail of a vessel or shore’s edge, a fast, safe, effective response to water emergencies is a need common to mariners and rescuers everywhere. In most water emergencies the opportunity to respond vanishes rapidly and vital seconds and inches often determine the outcome. Far too many people, who have attempted water entry rescues, have also become fatalities. With the exception of advanced rescuers, those trained and equipped for water entry rescues, any rescue attempt requiring a responder to enter the water is not a safe option. LIFE-SAFER, INC. developed the Personal Retriever™ so that first responders would not be put in the position of feeling compelled to operate outside of their training. So don’t be fooled by the simplicity of this device; “*Farther, Faster and Safer*” are the key advantages of the Personal Retriever™. These advantages are maximized in the hands of those who are properly trained.

The Personal Retriever™ is shipped with training materials to assist you to acquire the skill to effectively utilize this device. Our website www.life-safer.com contains detailed information on the use of the Personal Retriever™. If you encounter any problems, LIFE-SAFER, INC. maintains a collaborative working relationship and open line policy with our customers. If you have additional questions or feedback, send your emails to Questions@life-safer.com or call us toll free at (888) 222-0373.

Paul Driscoll,
President/BMCM, USCG (Ret)
LIFE-SAFER, INC.

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Recovery System Components



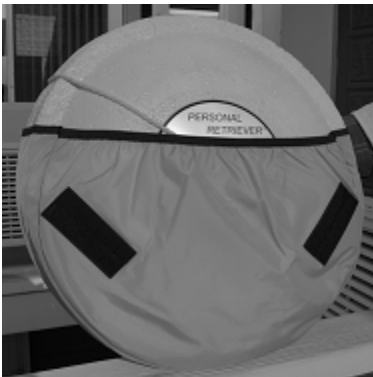
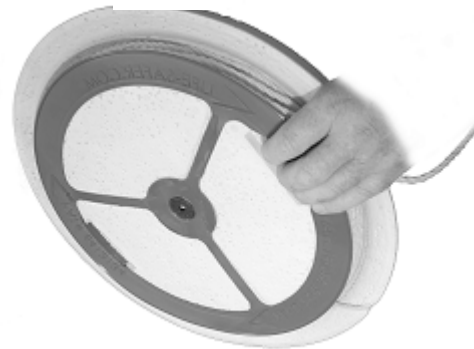
The Personal Retriever™ comes with a U/V resistant storage pouch.

CAUTION: The Personal Retriever™ MUST be stored in its protective pouch when not in use. Failure to properly store this device in its pouch may result in failure of the recovery line due to U/V damage.

The main component is referred to as the Disc. The Disc is comprised of a foam body, which contains a balance ring and a base plate. The foam body and base plate when joined also form the spooling chamber around which the 100 ft. recovery line is wrapped and secured by a retaining strap.



There are two mounting recesses on the underside of the disc, which can also serve to prevent the disc from slipping out of your hand when it is wet. During deployment, insure that your grip places your fingers in one of these two mounting recesses on the underside of the disc. This will also allow your hand to trap the line preventing any further un-spooling of recovery line.

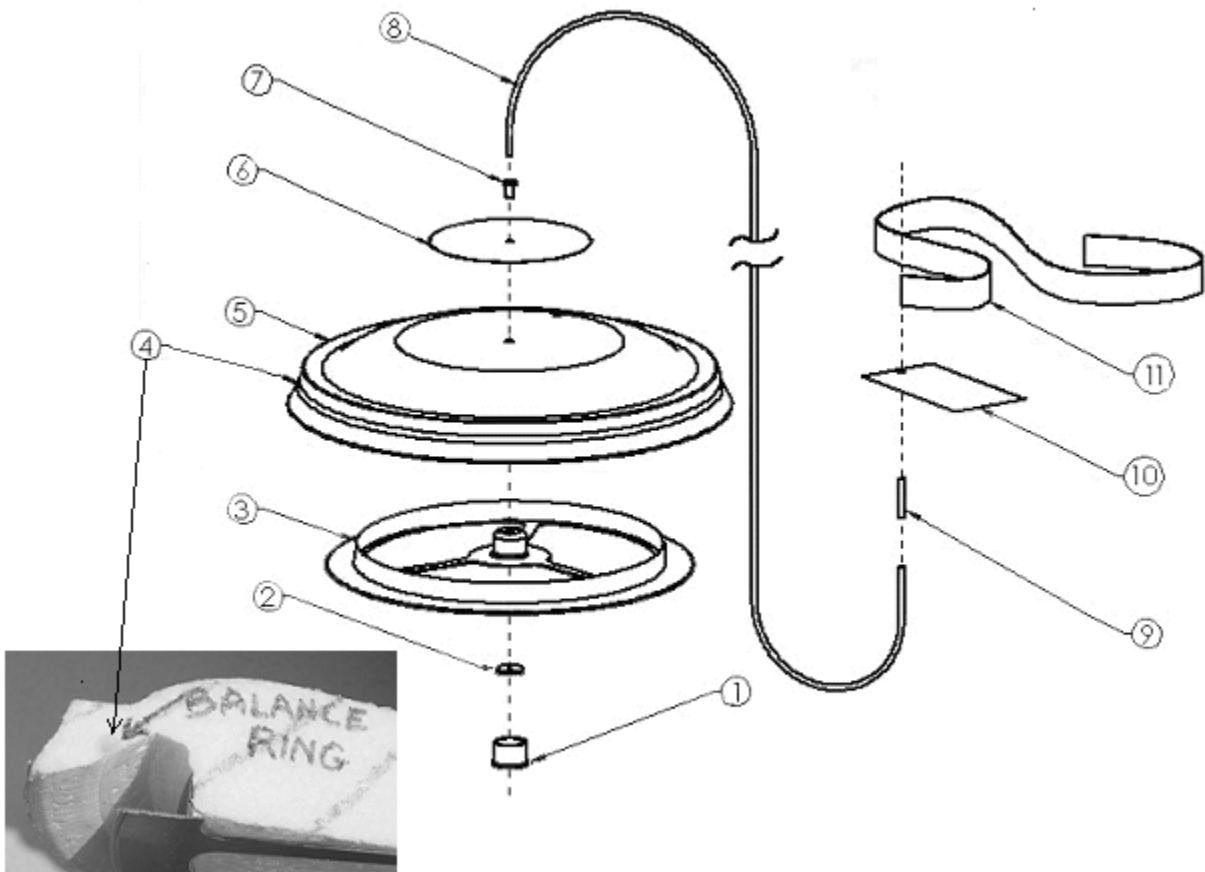


ATTENTION: Due to a prevalence of right-handed personnel, LIFE-SAFER INC. recommends that this device be stowed at the ready for right-handed deployment. (See Deployment Procedures for further Information)

NOTE: Insure that the device is not stored where it can be damaged by excessive heat, sharp or heavy objects, fuel or chemical agents.

LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

Nomenclature Sheet



1. Retaining Cap with Drain
2. Shear Washer
3. Base Plate
4. Balance Ring
5. Foam Body
6. Label Mounting Plate

7. Line guide
8. Recovery Line (100 Ft.)
9. Heat-shrink Whipping
10. Instructions Tag
11. Retaining Strap

Product Specifications

Weight:	1.5 pounds
Size:	17" diameter
Thickness:	3 inches
Maximum Range:	100 feet / 33 meters
Buoyancy:	11.24 pounds / 50 Newtons

LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

Some Facts On Drowning

According to the World Congress on Drowning “World-wide half a million people die each year due to drowning.”

According to the American Red Cross “Each year, four to five thousand Americans drown.”

According to the US. Lifesaving Association “The typical drowning victim submerges in as little as 20-60 seconds.”

LIFE-SAFER, INC. wants you to know, “far too many would-be-rescuers have also lost their lives when entering the water to attempt a rescue.”

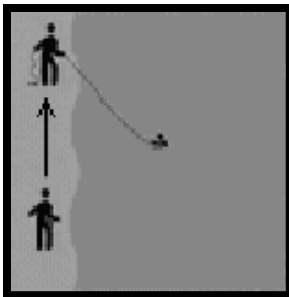
Even among trained rescuers, some who have ignored rules against entering the water, especially unfamiliar waters, have become victims. Extreme cold waters, moving currents, submerged objects, biological hazards or panicked drowning victims have all accounted for rescuer fatalities. Due to these inherent dangers, most experts advise those who are not trained and conditioned for water entry rescues to “*Reach or Throw, but Don’t Go!*” Leave water entry rescue efforts to rescue swimmers, lifeguards and swift-water professionals.

The goal in developing the Personal Retriever™ was to provide the First Responder, (often a lay responder) with a means of response that keeps them out of the water by reaching farther, faster and doing it safer.

Over-Reach Deployment Strategy



During a drowning or other water emergency, there is considerable stress on the responder making even simple actions more difficult. Until faced with this life/death event, most people don’t consider how difficult it will be to accurately throw a floatation device to such a small target in the water. If your throw falls short, you can’t push it to the PIW, but over throw it and you can draw it down on the PIW, touching them with the disc. Lifeguards are taught to be aware of the victim’s instinct to grab the rescuer. We designed our device to safely exploit this instinctive grab reaction.



Whenever possible a responder should use the “over-reach” procedure to deliver the disc. By landing the disc beyond the person in the water in reasonably close proximity, the first responder can then move far enough to the opposite side of the victim from where the disc landed then draw the disc to them (See Diagrams on left). Once the PIW grabs the disc, draw them to shore in a slow steady manner.

CAUTION: Your throwing distance may be reduced by allowing the recovery line to lay/drag in the water when re-deploying the disc close to the water’s surface.

LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

Deployment Procedures



1. First Response, upon recognizing a water emergency; remove the disc from its storage pouch. Release the recovery line by pulling the velcro tab located at the end of the retaining strap surrounding the base plate. Grasp the retaining strap in your non-throwing hand or attach it to a stationary object.



2a. Right-handed deployment, drop 5 coils of line off the spool. Insure that your grip places your fingers in one of the two mounting recesses in the underside. Allow your hand to trap the line preventing any further un-spooling of recovery line. Stand with your strong/throwing arm shoulder toward the person in the water (PIW).



2b. Left-handed personnel, uncoil the recovery line in a clear area at your feet and then deploy the device left-handed.

CAUTION: Care must be taken to insure that the recovery line is not entangled in any potential snags or other evident impediments.



3. Sight the disc level with the horizon, using a straight-arm extension to determine a release point that will land the recovery line directly over the PIW. If you miss on your first throw, it is not necessary to re-wind the recovery line on the disc to throw it again. Remember: prior to re-deploying the disc, the recovery line should be coiled at your feet in an area clear of snag hazards for best results.



4. Stance, with your strong/throwing arm side toward the PIW, (*in a fashion similar to a golf stance*), draw back the disc in a level straight-arm fashion while twisting at the waist and throw to your established release point.



5. Full extension throws, require power to come from your waist and legs. Keep your arm straight, holding the disc level as it swings forward. Release the disc to a point centered over the top of and beyond the target.



6. Over-Reach, best results are obtained, whenever the PIW is within a range where the disc can be thrown over and beyond them. If the disc lands to either side of the PIW, reposition yourself so you can draw the recovery line across the person. Then pull the recovery line to bring the disc to the PIW.



7. Recovery, once the PIW has a firm grip on the disc, recover them using a slow and steady pulling motion. If the PIW should lose their grip on the disc, stop pulling until they regain their grip, then complete the rescue.

ATTENTION: Remember, if you miss on your first attempt, it is NOT necessary to rewind the recovery line back onto the disc before re-deploying. Carefully coil the line at your feet as you recover the disc and then quickly re-deploy the device. In most water emergencies, seconds count, so take the time to practice deploying and rapidly re-deploying the device!

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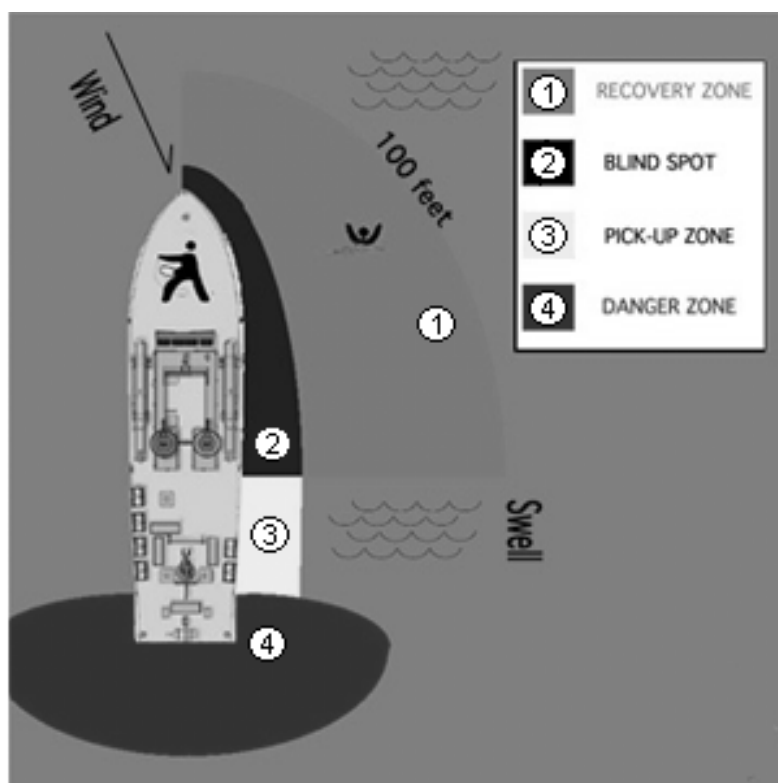
Uses Afloat

The Personal Retriever™ a multipurpose device

A rapid deployment floatation device for observed man-overboard events - Due to its aeronautic characteristics, it can be deployed farther and with greater accuracy than many buoyant devices. Upon observing someone fall overboard from a moving vessel, the responding crewmember can save precious seconds by deploying the device without taking time to release/uncoil the recovery line. This action should be taken immediately to place the device as close as possible to the PIW (person in the water) in an attempt to provide them buoyancy until the vessel can come about for a recovery.

A datum marker – In the event visual contact with the PIW is lost, with time and position noted, the Personal Retriever™ can be deployed as a datum marker to provide a point of reference for a more accurate search of the immediate area. Much of a PIW's body is below the surface and is affected primarily by the force of the current. Due to the low profile of the device, there is little surface exposure to the effects by wind and in similar fashion it will also tend to drift in the direction of the prevailing current.

A recovery tool - Basic elements of an afloat recovery:



1. Create as stable a platform as possible by maneuvering your vessel to take advantage of wind and swell.

2. Position a crewmember with the Personal Retriever™ forward on the recovery side. When the PIW is within the range of an “over-reach” throw, deploy the Personal Retriever™ throwing the device just forward and beyond the PIW. If the disc lands forward of the PIW the crewmember can move aft and draw the disc down upon the PIW. If the disc lands just aft and beyond the PIW, the vessel can move forward while drawing the disc to the PIW.

3. Once the PIW has a firm grasp on the Personal Retriever™, begin pulling the PIW towards the designated recovery zone.

CAUTION: *These are general guidelines/procedures and will vary in relation to a vessel's size, type and operating environment.*

LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

For Training Afloat

The training materials included with the Personal Retriever™ are the Owner's Manual and electronic training media (based on the purchaser's preference as indicated on the order form) in the form of a CD, DVD or videotape.

Use of the training materials

The Owner's Manual must be read from cover to cover and the information therein understood.

The electronic training media (CD, DVD or video tape) must be viewed on the appropriate electronic device and the information therein understood.

To achieve self-training

Thoroughly review the training materials (written and electronic) then take the Personal Retriever™ to an area where it can be repeatedly deployed and retrieved. After throwing the Personal Retriever™ at least ten times, the Owner's Manual and the electronic training materials should be reviewed again to understand details overlooked on the first reading.

Defining "Properly trained" Afloat:

As a trained maritime professional conversant in the use of the ring-buoy, to become "properly trained" with the Personal Retriever™, a trainee needs to practice using the Personal Retriever™ to achieve the following:

- Complete understanding of the deployment, retrieval and re-deployment of the Personal Retriever™.
- Ability to deploy the Personal Retriever™ with the same accuracy as a ring buoy at a significantly increased distance.

If you encounter any difficulties or have any concerns or questions, there is further information on our website – www.life-safer.com or you can call our toll free number for further assistance. (888) 222-0373

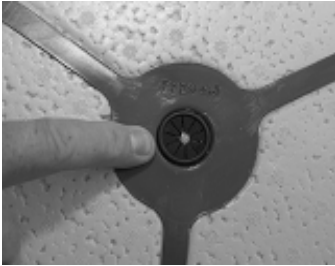
LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

Inspection & Maintenance

ATTENTION: Prior to stowing the disc, LIFE-SAFER, INC. recommends that you test & inspect the Personal Retriever™ after every use. If it was exposed to salt water or other contaminants, use clean fresh water and mild detergent as necessary, to clean the recovery line and disc.



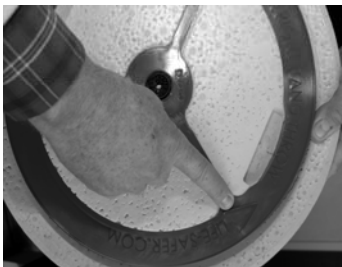
With the recovery line completely un-spooled from the disc, hold the recovery line in one hand as shown and spin it with your free hand. The disc should spin freely without any sign of binding or resistance. While the Personal Retriever™ can still be deployed when the recovery line does not rotate, its performance will be diminished.



If the disc does not rotate freely, turn the disc over. On the underside of the disc at the center of the base plate, there is a retaining cap with drain that retains the end of the recovery line with the shear washer. Flush the retaining cap with clean water to clear any internal debris and re-test to insure that the disc rotates freely. Insure that the retaining cap is intact.



Lay out the recovery line and examine it for any signs of damage. Working away from the disc towards the retaining strap, work out any kinks in the line so that it lies flat free of any twists/loops.



Begin on the underside of the disc and check for any cracks or other distortions to the base plate. Examine the embedded balance ring, located just inside the line chamber, check for any separation of the exposed edge of the ring from the underside of the foam body. **NOTE: The exposed edge of the balance ring may appear flat, due to the manufacturing process and is a normal characteristic that will not affect performance of this device.**



Wind the recovery line onto the spool by holding the bottom of disc against your body and feed the recovery line onto the spool in the direction indicated by the winding arrow on the base plate, as indicated by the drawing on the instruction label. Use retaining strap to secure the rope.

CAUTION: Always stow the disc in its protective storage pouch to avoid any U/V damage.

LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

U.S. Coast Guard Approval Labeling Information

(Example 1)

If your disc is “**Yellow**” the following information applies to your device:

Type V Personal Floatation Device

Inspected and tested in accordance with U.S. Coast Guard regulations. Approved only as a substitute for a Type IV, 20" or 24" white ring buoy with or without a lifeline attached and without water light attached. Approved for use only on un-inspected commercial vessels and inspected vessels not carrying passengers. An owner's manual must be provided with this PFD. PFD must be stored in accordance with the owner's manual and used by persons practiced in use according to the owner's manual. Expanded polyethylene foam buoyant material provides a minimum buoyant force of 11.24 pounds.

Model No.:
U.S. COAST GUARD APPROVAL NUMBER: 160.050/169/0
LIFE-SAFER, INC.
1360 Rosecrans St. #H
San Diego, CA 92106
Imanna Laboratory, Inc.
Lot No:XXXX

(Example 2)

If your disc is “**Orange**” the following information applies to your device:

Type V Personal Floatation Device

Inspected and tested in accordance with U.S. Coast Guard regulations. Approved only as a substitute for a Type IV, 20" or 24" orange or white ring buoy with or without a lifeline attached and without water light attached. Approved for use only on un-inspected commercial vessels and inspected vessels not carrying passengers. An owner's manual must be provided with this PFD. PFD must be stored in accordance with the owner's manual and used by persons practiced in use according to the owner's manual. Expanded polyethylene foam buoyant material provides a minimum buoyant force of 11.24 pounds.

Model No.:
U.S. COAST GUARD APPROVAL NUMBER: 160.050/169/0
LIFE-SAFER, INC.
1360 Rosecrans St. #H
San Diego, CA 92106
Imanna Laboratory, Inc.
Lot No:XXXX

LIFE-SAFER, INC. is not liable for unsuccessful rescue attempts.

Warranty

Seller warrants that the products sold by them will, when delivered, be free of defects in workmanship or material. Should any failure to conform to this warranty become apparent during a period of three (3) years after the date of purchase, Seller shall upon prompt, written notice and compliance by the customer with such instructions as it shall give with respect to the return of defective products or parts, correct such non-conformity by repair or replacement, F.O.B. factory, of the defective part or parts. Shipping and handling charges may apply. Correction in the manner provided above shall constitute a fulfillment of all liabilities of Seller with respect to the quality of the products. The foregoing warranty is exclusive and in lieu of all other warranties of quality, whether written, oral or implied (including any warranty of merchantability and fitness for a particular purpose). Ordinary wear and tear from use of the product does not amount to a defective part or product.

Recognizing that the Personal Retriever™ may come in contact with diesel fuel during a rescue event under normal commercial use, LIFE SAFER, INC. will repair/exchange, upon request and within the guideline stated above, any disc discolored by diesel fuel.

Warning

The Personal Retriever™ is intended for use in water and throwing it against hard/sharp objects will reduce the serviceable life of this device. Its effectiveness is directly proportionate to an individual's skill and requires regular practice to maintain proficiency. It is intended for deployment to victims struggling on the surface, prior to submerging. Failure to follow the instructions when deploying this product may result in injury or cause the unit to improperly deploy and may not safely assist a person in distress. A person should not attempt to use this product without having been properly trained.

Note: The Personal Retriever™ is engineered for "static water rescues". When deployed in circumstances exceeding the load capacity of the device, the attachment point of the device was engineered to shear off the recovery line before the load destroys the floatation body of the device, leaving the PIW with adequate buoyancy to keep them afloat until another recovery can be attempted.

The use of this product beyond the scope of its intended purpose may cause damage to the product. Such damage, visible or concealed, may cause the product to fail when later deployed for its intended purpose. LIFE-SAFER, INC. is not responsible for any damage or defects caused by the misuse of the product, or use beyond the product's intended usage or use of the product by a person not properly trained.

While the best option remains a properly trained, physically conditioned lifeguard, you won't often find them in the commercial environment. Drowning has claimed the lives of many would be rescuers as the victim grabs the rescuer during a "water entry" rescue attempt. The Personal Retriever™ rapidly deploys to provide a responder a safer way of attempting to exploit that grab reaction, while guarding the safety of the First Responder.

LIFE-SAFER, INC. 1360 Rosecrans Street, Suite H, San Diego, CA 92106
(619) 222-3467 - (619) 222-3673 Fax - www.life-safer.com

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