



ResQmax™
the NEW Generation

The ResQmax™ is a new generation line-throwing appliance specifically designed to deploy a line only, or an auto-inflating flotation sling & retrieval line to an otherwise inaccessible point in both land-based and maritime environments, providing an emergency response capability without putting the rescuer at risk.

- Utilizing a patented* air-thrust technology, the ResQmax is non-pyrotechnic, re-usable, and re-fillable.
- Launcher Assembly housings are injection molded from polycarbonate, for high impact resistance.
- 3000 psi / 207 bar service pressure projectiles

ResQmax Kits are recommended basic configurations tailored for your intended use. Additional lines, projectiles, and accessories can be purchased separately. Custom Kit configurations are also available.

ResQmax Kits

▶ MAXimum Distance

The ResQmax is capable of deploying a line up to 400 feet / 122 meters with the standard projectile depending on the service pressure, weight of line and type of projectile used.

▶ MAXimum Safety

- The safety mechanism is "always on," re-setting automatically when a projectile is inserted.
- The projectile's "Push-Click" engagement allows easy reloading, even in the dark.
- A pressure relief burst disk prevents unsafe pressure build-up that could result from exposure to extreme heat.

▶ MAXimum Performance

Multi-Shot Capacity. Our patented nozzle-valve now permits any number of projectiles to be precharged and stored with the unit, allowing deployment of multiple projectiles in rapid succession.

▶ MAXimum Ease of Use

The ResQmax Filler System is equipped at each end with a "quick connect" for an easy and safe connection to the Projectile to be filled and to the compressed air source as well.

▶ MAXimum Versatility

■ Sling Projectile

The sling projectile will deploy an auto-inflating floatation collar and retrieval line to a victim in the water. The inflatable sling is fitted with a water activated device which inflates the sling automatically on contact with water, providing sufficient buoyancy to support a 300lb / 136 kg victim.



■ Folding Stock

A 12in / 30cm folding stock is supplied for greater accuracy of deployment and serves as a convenient carry handle in the collapsed position.



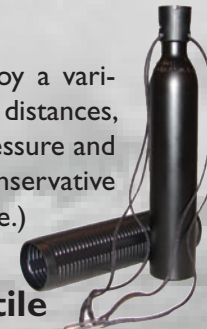
■ Quick Coupling Fittings

Used to easily and quickly connect/disconnect the Streamline Filler Hose Assembly to/from the compressed air source. Different fittings are available for interface with each of DIN, SCBA, or SCUBA.



■ Line Projectile

The line projectile will deploy a variety of lines over a range of distances, depending on the service pressure and the type of line used. (See Conservative Distances Chart on back page.)



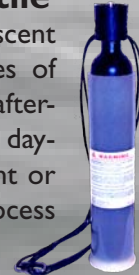
■ Training Projectile

Designed for training/repeated use when deploying a line from the launch point to a hard surface; with a factory installed protective cover reducing projectile 'bounce' on arrival.



■ Phosphorescent Projectile

The factory installed phosphorescent cover combines the best features of high initial brightness and long after-glow. It can be excited quickly by daylight, incandescent light, fluorescent or ultraviolet light. The excitation process can be repeated indefinitely.



■ Cordura Kit Bag

Rugged Cordura fabric carry bag is designed for durability and convenience. Features two external and one internal zippered storage pockets, reinforced water-resistant vinyl bottom and reflective strips.



■ 'Pelican' Transport/Storage Case

An unbreakable, water-tight, dustproof and corrosion proof transport/storage case made of Ultra Impact Structural Copolymer. Case may be adapted to fasten to the rail of a vessel.



Conservative Distances

Part #	Description	with Line Projectile		with Sling Projectile		with Grappling Hook ★	
		ft	m	ft	m	ft	m
803	4mm Spectra	400	104	300	92	285	87
804	6mm Spectra	330	87	270	82	260	80
805	3mm Dacron	400	107	300	92	285	87
806	8mm Polyspectra	275	76	200	61	190	58
808	6mm Polypropylene	300	92	230	70	220	67

★ Horizontal Deployment



The Global Leader in intrinsically safe line-throwing equipment.
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* US Patents #5,690,524; RE36,965 of 5,584,736; and other Patents Pending.

DESCRIPTION & PART NUMBERS	
Kit 410 - ResQmax Line Deployment Kit	
1 - Part #500	ResQmax Launcher (Red)
2 - Part #300-S	Streamline Projectile (w/ 2 spare covers) - 3000psi
1 - Part #805	500lb test 3 mm Dacron line (500ft/152m) w/ Compact Line Container
1 - Part #806	2200lb test 8mm Polyspectra line (300ft/92m) w/ Large Line Container
1 - Part 60402-S	Streamline Nozzle Protector - 5 pk.
1 - Part #714	O-ring Kit - 10 pk (Various)
1 - Part #715	Corrosion Block
1 - Part #720	ResQmax Operator's Manual
1 - Part #725	ResQmax Training CD
1 - Select	Streamline Filler Hose (#911-S SCBA; #912-S SCUBA; #913-S SCUBA-DIN)
1 - Part #907	Cordura Kit Carry Bag - Red
Kit 411 - ResQmax Surf Rescue/Line Deployment Kit	
1 - Part #500	ResQmax Launcher (Red)
1 - Part #301-S	Streamline Sling Projectile w/ 4 spare burst Capsules
1 - Part #712	CO2 and Bobbins - Pack of 5 each
1 - Part #300-S	Streamline Projectile (w/ 2 spare covers) - 3000psi
1 - Part #808	1250 lb test 6mm Polypropylene (328ft/100m) w/ Compact Line Container
1 - Part #805	500lb test 3 mm Dacron line (500ft/152m) w/ Compact Line Container
1 - Part 60402-S	Streamline Nozzle Protector - 5 pk.
1 - Part #714	O-ring Kit - 10 pk (Various)
1 - Part #715	Corrosion Block
1 - Part #720	ResQmax Operator's Manual
1 - Part #725	ResQmax Training CD
1 - Select	Streamline Filler Hose (#911-S SCBA; #912-S SCUBA; #913-S SCUBA-DIN)
1 - Part #907	Cordura Kit Carry Bag - Red
Kit 412 - ResQmax Swift Water/Messenger Line Kit	
1 - Part #500	ResQmax Launcher (Red)
1 - Part #301-S	Streamline Sling Projectile w/ 4 spare burst Capsules
1 - Part #712	CO2 and Bobbins - Pack of 5 each
1 - Part #300-S	Streamline Projectile (w/ 2 spare covers) - 3000psi
1 - Part #806	2200lb test 8mm Polyspectra line (300ft/92m) w/ Large Line Container
1 - Part #805	500lb test 3 mm Dacron line (500ft/152m) w/ Compact Line Container
1 - Part 60402-S	Streamline Nozzle Protector - 5 pk.
1 - Part #714	O-ring Kit - 10 pk (Various)
1 - Part #715	Corrosion Block
1 - Part #720	ResQmax Operator's Manual
1 - Part #725	ResQmax Training CD
1 - Select	Streamline Filler Hose (#911-S SCBA; #912-S SCUBA; #913-S SCUBA-DIN)
1 - Part #907	Cordura Kit Carry Bag - Red
Kit 415 - ResQmax Utility / UNREPS Kit	
1 - Part #500	ResQmax Launcher (Red)
1 - Part #301-S	Streamline Sling Projectile w/ 4 spare burst Capsules
1 - Part #712	CO2 and Bobbins - Pack of 5 each
1 - Part #300-S	Streamline Projectile (w/ 2 spare covers) - 3000psi
1 - Part #808	1250 lb test 6mm Polypropylene (328ft/100m) w/ Compact Line Container
1 - Part #805	500lb test 3 mm Dacron line (500ft/152m) w/ Compact Line Container
1 - Part 60402-S	Streamline Nozzle Protector - 5 pk.
1 - Part #714	O-ring Kit - 10 pk (Various)
1 - Part #715	Corrosion Block
1 - Part #720	ResQmax Operator's Manual
1 - Part #725	ResQmax Training CD
1 - Select	Streamline Filler Hose (#911-S SCBA; #912-S SCUBA; #913-S SCUBA-DIN)
1 - Part #907	Cordura Kit Carry Bag - Red
Kit 416 - ResQmax Marine Vessel/Messenger Line Kit	
1 - Part #500	ResQmax Launcher (Red)
1 - Part #301-S	Streamline Sling Projectile w/ 4 spare burst Capsules
1 - Part #712	CO2 and Bobbins - Pack of 5 each
1 - Part #300-S	Streamline Projectile (w/ 2 spare covers) - 3000psi
1 - Part #808	1250 lb test 6mm Polypropylene (328ft/100m) w/ Compact Line Container
1 - Part #805	500lb test 3 mm Dacron line (500ft/152m) w/ Compact Line Container
1 - Part 60402-S	Streamline Nozzle Protector - 5 pk.
1 - Part #714	O-ring Kit - 10 pk (Various)
1 - Part #715	Corrosion Block
1 - Part #720	ResQmax Operator's Manual
1 - Part #725	ResQmax Training CD
1 - Select	Streamline Filler Hose (#911-S SCBA; #912-S SCUBA; #913-S SCUBA-DIN)
1 - Part #908	Pelican Storage/Transport Case - Black - Rail Mountable
Kit 420 - ResQmax RASing / UNREPS Kit	
1 - Part #500	ResQmax Launcher (Red)
2 - Part #305-S	Streamline Training/RASing Projectile - 3000psi (Red Cover)
2 - Part #805	500lb test 3 mm Dacron line (500ft/152m) w/ Compact Line Container
1 - Part 60402-S	Streamline Nozzle Protector - 5 pk.
1 - Part #714	O-ring Kit - 10 pk (Various)
1 - Part #715	Corrosion Block
1 - Part #720	ResQmax Operator's Manual
1 - Part #725	ResQmax Training CD
1 - Select	Streamline Filler Hose (#911-S SCBA; #912-S SCUBA; #913-S SCUBA-DIN)
1 - Part #908	Pelican Storage/Transport Case - Black - Rail Mountable

Technical Specifications

ResQmax Launcher - Part # 500		
Specification	Measurement	
Length (Folding Stock Closed)	16.8 in	42.5 cm
Length (Folding Stock Open)	28.7 in	72.9 cm
Height (Folding Stock Closed)	13.2 in	21.6 cm
Height (Folding Stock Open)	8.5 in	33.5 cm
Width	4.1 in	10.3 cm
Weight	3.4	1.5
Launcher Housing	Polycarbonate	
Color	Red	
Shape	Irregular	
Internal Mechanism	Stainless Steel	

Filler Hose Assembly Part # 911-S; 912-S; 913-S		
Specification	Measurement	
Overall Length	42.8 in	108.6 cm
Hose Diameter	0.5 in	1.3 cm
Total Weight	2.2 lbs	1.0 kg
Overall Service Rating	5,000 psi	345 BAR
Hose Material	Nylon and Aramid	
Hose Finish	Black Urethane	
Filler Block Material	6061-T6 Aluminum	
Filler Block Finish	Black Anodized	
Bleed Screw	Stainless Steel and	
Adapters (DIN, SCBA, SCUBA)	Stainless Steel	

MAXimum Distance.

MAXimum Safety.

MAXimum Performance.



Projectiles									
Part	#	Length		Diameter		Weight		Cover Material	Color
		in	cm	in	cm	lbs	kg		
Standard Projectile	300-S	13.40	34.03	2.375	6.03	1.8	0.8	Polyethylene	Black
Training Projectile	305-S 306-S	13.72	34.85	2.28	5.79	1.9	0.9	High Density Urethane	Red or Florescent

Projectiles are made from 6061-T6 Al, have a black powder-coat finish, and a Service Pressure of 3,000psi.
Nozzles are Stainless Steel; Nozzle Protectors are black glass-filled nylon;

Rope Options									
Material	Part #	Diam.	Minimum Break Load		Weight per Length		Length		Specific Gravity
			lbs	kg	lbs	kgs	ft	m	
Spectra	803I	4	1,500	680	1.75	0.8	500	152	<1
Spectra	804I	6	3,000	1,360	3.5	1.6	500	152	<1
Dacron	805I	3	500	225	1.95	0.9	500	152	>1
Polyspectra	806I	8	2,200	1,000	4.8	2.2	300	92	<1
Polypropylene	808I	6	1,250	568	2.8	1.3	328	100	<1

Miscellaneous Parts									
Part	#	Length		Width		Height		Weight	
		in	cm	in	cm	in	cm	lbs	kg
Sling Assembly	980	23.5	59.7	2.8	7.2	3.2	1.5	1.0	0.5
Sling is yellow, made of nylon, and is equipped with auto-inflating mechanism and manual-inflating oral tube. Burst Capsules are red in color and made of polyethylene.									
Line Container - Compact	772	17.9	45.5	9.0	22.9	7.0	17.8	1.8	0.8
Line Container - Large	773	19.8	50.3	10.1	25.7	9.0	22.9	2.9	1.3
Line Containers are irregularly shaped and made of polyethylene with a black finish. Hinges are Stainless Steel.									
Kit Bag	907	28.0	70.0	14.0	35.0	16.0	41.0	2.3	1.0
Kit Bags are red with reflective markings and are made of 1,000 Denier Cordura, Waterproof Vinyl, and Nylon.									
Pelican Case - Small	908	31.59	80.2	20.47	52.0	12.45	31.6	29.3	13.3
Pelican Case - Large	909	31.59	80.2	22.99	58.4	19.48	49.5	37.7	17.1
Pelican Cases are made of copolymer with black finish.									

*Please note: All values are displayed as maximum, external measurements.



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