

# LIFE SAFETY EQUIPMENT

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# 2006

Life  
Saving  
Products  
Since  
1947



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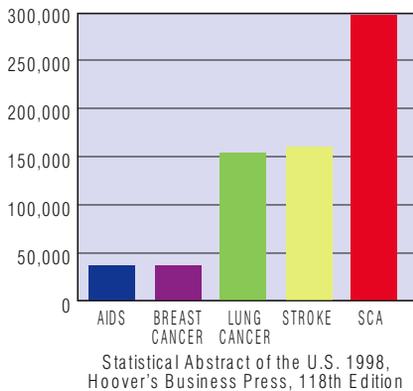
[www.jlindustries.com](http://www.jlindustries.com)

## Cardiac arrest is one of the leading causes of death in north america, you can do something about it!

By specifying or purchasing AEDs and emergency medical oxygen units you can actually contribute to the saving of lives of the over 250,000 people in the U.S. alone that die each year from Sudden Cardiac Arrest. Early Defibrillation and emergency oxygen can make the difference between life and death.

### How Serious Is SCA?

(Deaths per year in the U.S.)



### Medtronic Emergency Response Systems

The LIFEPAK® 500 Automated External Defibrillator and the LIFEPAK® CR Plus Defibrillator are designed to be used by "good Samaritans" and can deliver a life saving shock to a heart in arrest. American Heart Association studies have shown that greater access to defibrillation could save more than 50,000 lives a year.

### Medtronic Emergency Response Systems Defibrillator

Medtronic ERS invented the first external defibrillator 40 years ago, offering hope for hundreds of thousands of people who suffer a cardiac arrest outside the hospital each year. Today they are the world's largest provider of external defibrillators to hospitals, emergency medical services, targeted responders and other trained providers who rely on the LIFEPAK® products.



**MODEL 7913F12TX02**  
Covered under patent #5,123,409

**MODEL 1413f12**  
w/LIFEPAK® 500 shown with siren/strobe option

### FREQUENTLY ASKED QUESTIONS

#### about AED's and sudden cardiac arrest.

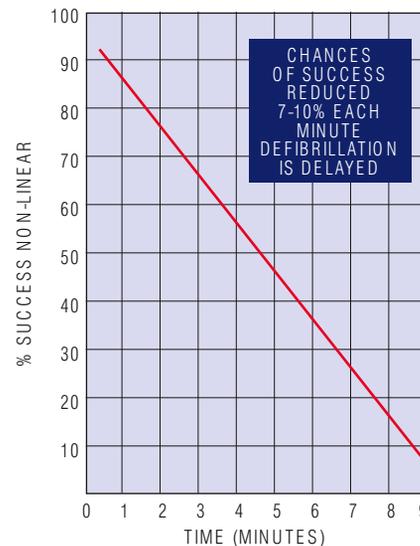
#### What is an automated external defibrillator?

Unlike the models of defibrillators intended for use by health care professionals (and the ones seen most often on tv), AEDs are designed to allow trained laypersons to respond to cardiac emergencies. The devices are programmed with the technology needed to analyze the hearts electrical function. They also use voice prompts and screen displays to instruct the user to attach electrodes and then stay clear while the AED analyzes the patient's heart rhythm.

#### What Is Sudden Cardiac Arrest?

SCA is usually caused by an electrical malfunction of the heart ventricular fibrillation (VF) – an ineffective quivering of the heart muscle that makes it unable to pump blood through the body. Once the blood stops circulating, a person quickly loses consciousness and the ability to breathe, and will die without effective treatment. The chance of survival drops 10 percent each passing minute. After 10 minutes in cardiac arrest, a person's chance of survival is only about 2 percent.

#### Resuscitation Success vs. Time



CHANCES OF SUCCESS REDUCED 7-10% EACH MINUTE DEFIBRILLATION IS DELAYED

#### What Is the Treatment for Sudden Cardiac Arrest?

The only effective treatment for cardiac arrest is an electrical shock to the heart called defibrillation.

The electrical current can interrupt ventricular fibrillation (VF) and allow the heart's normal rhythm to regain control. But defibrillation is effective only if it is applied in time – preferably less than four minutes.



**LIFEPAK® 500**

Until recently, defibrillators were available only in hospitals and some ambulances. The manual defibrillators used by physicians, paramedics and other health care professionals require extensive training. But a class of devices known as automated external defibrillators (AEDs) will expand the number of people who can supply this life-saving therapy.

#### Who Can Use an AED?

An AED is designed so that a minimally trained person with limited or no experience can use it in an emergency. They have numerous built-in safeguards and are designed to deliver a shock only if the AED detects that one is necessary.



#### How Safe Are AEDs?

AEDs are very accurate and will not shock someone who is not in cardiac arrest. When used properly and with appropriate precautions, AEDs pose no risk to either the rescuer or the patient.

#### Is There Increased Risk of Liability using AED?

- According to the AHA, no known judgements have been rendered against the operator of an AED for negligent or improper use of AEDs.
- "Liability claims associated with the negligent operation of AEDs are mitigated by the difficulty in establishing that the operator proximately caused harm to the victim... The AED operator is attempting to resuscitate an individual who, absent the AED, will likely remain dead." (Air & Space Lawyer, American Bar Association)
- By contrast, several recent cases indicate that corporations may face liability for failing to have an AED available to treat a victim of SCA.
- Federal legislation passed in May of 2000 provides "Immunity from Civil Liability".

"My mission is to smash all the misconceptions and stereotypes that people have about the use of an AED. It is safe and simple to use. The AED is as important to the 21st century as the fire extinguisher was to the 20th. The AED saves Lives!"

– Sebastian Hitzig  
24 year old sudden cardiac arrest survivor, actor, skydiver and board member for the American Heart Association



**LIFEPAK® CR plus**

# LIFESTART™ SERIES AED CABINETS & OLYMPUS SERIES OXYGEN CABINETS

The LifeStart™ 1400 Series cabinets are designed to hold an AED like the Medtronic ERS LIFEPAK® 500 or the LIFEPAK® CR Plus AED.

The Olympus 7900 Series Cabinets are designed to hold an AED and emergency oxygen unit. The Olympus 1600 Series Cabinets are designed to hold an emergency oxygen unit. The American Heart Association states: "During cardiopulmonary emergencies use supplemental oxygen as soon as it is available. Short-term therapy with 100% oxygen is beneficial and not toxic. We recommend oxygen... for all patients with suspected acute coronary syndromes." (Guidelines 2000, Section 3: Adjuncts to oxygenation).

**All Life Safety AED and Oxygen cabinets come standard with a Commander Alarm and "Emergency Defibrillator", "Emergency Oxygen", "Warning Alarm System" and "Warning for use by trained people only" graphics.**

### Ordering Procedure

- Is the AED needed?  
If yes, specify the LIFEPAK® 500 or the LIFEPAK® CR Plus AED.
- Is the emergency oxygen unit needed?  
If yes, specify the T<sub>x</sub>O<sub>2</sub> Automated First aid Oxygen Unit.
- Is the wall fire-rated?  
If so select **FIRE-FX™** option, unless the cabinet is surface mounted. Model # shown in red in table below.
- Does A.D.A. code apply in the areas the cabinets are stationed? If so, select a cabinet with a 1-1/2" or 3" trim style. Model # shown in blue in table below.
- Select tub style (first 2 digits of part #)
- Select trim and Door material: steel, clear anodized aluminum, # 4 brushed stainless steel, bronze or brass.
- Select tub material: (3rd digit of part #) white epoxy or steel is standard, mill finish aluminum or # 4 brushed stainless steel
- Select trim style: Flat trim, 1-1/2", 3" or surface mount. (4th digit of part #)
- Select door style: (last 3 digits of part #)

SEE EXPLODED TOP AND SIDE VIEW DRAWINGS TO RIGHT AND REFER TO DIMENSIONS TABLE BELOW.

### Choose

- Trim and door material** (select one) see 4 digit model in table below.
- Available door styles** (select one)
 

1400 series	F12	full acrylic
	S21	solid
	G21	full acrylic with SAF-T-LOK™
1600 series	F25	clear bubble
	G25	clear bubble with SAF-T-LOK™
7900 series	F12	full acrylic
	S21	solid
	G21	full acrylic with SAF-T-LOK™

Call or e-mail: [lifestart@jlindustries.com](mailto:lifestart@jlindustries.com) for additional product specification information.

- Finish options** (select any)
  - Tub for recessed cabinets - Mill Finish Aluminum or #4 Brushed Stainless Steel
  - Color Anodized door and Trim - Aluminum
  - Color Epoxy Tub (Red or Black) - Steel
  - Color Epoxy Door and Trim (Red or Black) - Steel
  - Custom Color - Call for Details
  - FIRE-FX™** Fire Rated Tub
- Additional options** (Select Any)
  - Alarm Commander Alarm**  
(Standard on all Life Safety Cabinets)
    - Sounds an 85dB alarm when door opens turns off when door closes

- On/Off keyed switch
- Powered by 9 Volt Battery (included)
- Siren Strobe Alarm**
  - Sounds an 85dB siren and flashes strobe light when activated
  - Alarm stays on for 3 minutes even after door is closed.
  - On/Off keyed switch
  - Activated when AED is removed from cabinet
  - Powered by 9 Volt Battery (included)
  - Low Battery indicator
- Brigadier Alarm**
  - Sounds a powerful 90 dB warning horn when door is opened
  - Alarm stays on for 3 minutes even after door is closed.
  - On/Off keyed switch
  - Powered by 9 Volt Battery (included)

### Added Security

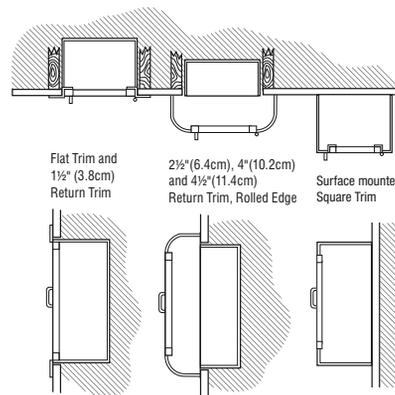
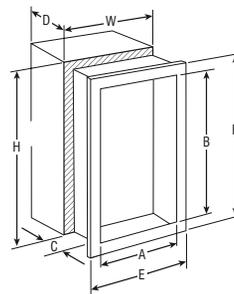
**SAF-T-LOK™** - Our SAF-T-LOK™ cam lock design allows you to open the cabinet door by pulling sharply on the handle, yet secure enough to prevent vandalism typically associated with standard pull handles

- Special Graphics on Cabinet "In Case of Emergency Firmly Pull Handle"

**SAF-T-CLASP** - A plastic Pull-Snug-Seal can be attached through the handle of the AED cabinet. When the cabinet door is opened the seal would be broken.

- Seals quickly and easily
- Easily twisted off by hand

EXPLODED TOP & SIDE VIEWS  
Refer to dimensions table



**Optional Saf-T-Clasp**

Recommended for plaster walls only, where the wall can be finished flush with the cabinet after its installation

Dimensions in inches

TRIM & DOOR MATERIAL & SERIES #						TUB I.D.			FRAME O.D.		WALL OPENING NON-RATED			WALL OPENING FX OPTION		
Steel	Aluminum	Stainless Steel	Bronze	Brass	Trim Style	A	B	C	E	F	W	H	D	W	H	D
1415	1425	1435	1445	1455	flat trim	14"	14"	6 3/4"	17 1/2"	17 1/2"	15 1/4"	15 1/4"	6 1/2"	16 7/8"	16 7/8"	7 5/8"
1416	1426	1436	1446	1456	1 1/2"	14"	14"	6 3/4"	17 1/2"	17 1/2"	15 1/4"	15 1/4"	5 7/8"	16 7/8"	16 7/8"	6 1/2"
1417	1427	1437	1447	1457	3"	14"	14"	6 3/4"	17 1/2"	17 1/2"	15 1/4"	15 1/4"	*3 3/4"	16 7/8"	16 7/8"	*4 3/4"
1413	1423	1433	-	-	surf. mtd.	17 3/8"	17 3/8"	7"	17 1/2"	17 1/2"	-	-	-	-	-	-
1615	1625	1635	1645	1655	flat trim	10 1/2"	24"	4"	14"	27 1/2"	11 1/2"	25"	4"	12 1/2"	26 1/8"	4 7/8"
1616	1626	1636	1646	1656	1 1/2"	10 1/2"	24"	4"	14"	27 1/2"	11 1/2"	25"	2 5/8"	12 1/2"	26 1/8"	3 1/2"
1617	1627	1637	1647	1657	3"	10 1/2"	24"	4"	14"	27 1/2"	11 1/2"	25"	*1 1/8"	12 1/2"	26 1/8"	*2"
1613	1623	1633	-	-	surf. mtd.	13 7/8"	27 3/8"	4"	14"	27 1/2"	-	-	-	-	-	-
7915	7925	7935	7945	7955	flat trim	14"	37"	6 3/4"	17 1/2"	40 1/2"	15 1/4"	38 1/4"	6 3/4"	16 7/8"	39 7/8"	7 5/8"
7916	7926	7936	7946	7956	1 1/2"	14"	37"	6 3/4"	17 1/2"	40 1/2"	15 1/4"	38 1/4"	5 1/4"	16 7/8"	39 7/8"	6 1/8"
7917	7927	7937	-	-	3"	14"	37"	6 3/4"	17 1/2"	40 1/2"	15 1/4"	38 1/4"	*3 7/8"	16 7/8"	39 7/8"	*4 3/4"
7913	7923	7933	-	-	surf. mtd.	17 3/8"	41 3/8"	6 3/4"	17 1/2"	40 1/2"	-	-	-	-	-	-

\* ADD 5/8" FOR CABINETS WITH ALUMINUM FRAMES. ALL 4" RT WILL HAVE FLUSH PULL HANDLE

**Life Safety Products Installations**

Gray Plant & Mooty Law Office; Mpls. MN  
 American Red Cross of Los Angeles  
 Minnesota Valley Country Club  
 State of Oregon  
 State of Minnesota  
 County of Lehigh; Allentown, PA  
 Fayetteville County; Lexington, KY  
 Gunderson Lutheran Medical Center; La Crosse, WI  
 Mercy Medical Center; Des Moines, IA  
 Exon Corporation; Houston, TX  
 City of Chandler, AZ  
 City of Fairfax, VA  
 Lands End; Dodgeville, WI  
 Olympic Hills Country Club; Eden Prairie, MN  
 Duke Medical Center  
 The Ohio State University  
 Salt Lake City Airport  
 JFK Airport  
 Dallas/Fort Worth Airport  
 Northwest Airlines  
 Houston Airports  
 Pittsburgh Airport  
 City of Houston  
 University of Oklahoma  
 Federal Home Loan Bank of Atlanta  
 The Valvoline Company  
 Honolulu Police Department  
 Iowa Association of Municipal Utilities  
 Toronto Airport  
 Wright Patterson AFB  
 Calvary Lutheran Church  
 Bellingham Retirement Community  
 Minneapolis/St. Paul Airport  
 Vanguard Group  
 Hershey Foods  
 The McGraw Hill Companies  
 Faith Presbyterian Church  
 Elite Athletic Club



**Questions/Answers Regarding AED/O<sub>2</sub> Combined Use**

- Q:** How does supplemental oxygen help the victim of a cardiac arrest before the AED is used? **A:** Should the oxygen unit arrive at the scene with or before the AED, oxygen supplemented (enriched) CPR gives the victim a better chance for brain survival. "Don't forget the brain"
- Q:** How does supplemental oxygen help a victim after AED use? **A:** Should defibrillation be successful, providing supplemental oxygen to the reviving victim is the most important first step in preventing re-fibrillation and in aiding brain recovery from lack of oxygen. Maintain it until the EMS replaces it with their own.
- Q:** Is there a hazard using oxygen with an AED? **A:** NO! Oxygen flowing at the victims face at the time of defibrillation is not a fire or explosion hazard. Oxygen accelerates existing combustion; does not cause combustion. The EMS has been using the two together for 35 years.
- Q:** Will providing supplemental oxygen to a victim cardiac arrest obviate the need for the AED? **A:** NO! Only the AED has a chance to revive a victim of cardiac arrest caused by ventricular fibrillation, but on occasion perceived cardiac arrest is not and oxygen supplementation has helped the victim avoid cardiac arrest. (And may even revive the victim)
- Q:** What is the best emergency oxygen unit to match with an AED? **A:** T<sub>2</sub>O<sub>2</sub>® AUTOMATED first aid Oxygen, because like the automated defibrillator, it is fast, easy and almost fail-safe to use. Also, like the AED, it has no harm potential to the victim.

**AED Wall Cabinet (For Exterior Use)**

- Part #1499F12 (No Alarm Included)
- Surface Mount Fiberglass with High Gloss Gel Coat
- Patented Door Gasket Seal (NEMA 4x Rating)
- Easy View Acrylic Window for Verification of Contents
- Outside Dimensions: 16" x 16" x 10" Deep
- Full Length Stainless Steel Hinges
- Stainless Steel Rivets and Quick-Opening Lockable Latches
- Choice of UV Inhibited High Visibility Colors: Yellow, Green, Red, Blue, or White
- Custom Colors Available
- "Emergency Defibrillator" Graphic in Window



1437F12 with siren strobe and safety clasp



Free Standing AED Cabinet Part# 1483F12

**Warranty**

Subject to the limitations and exclusions set forth below. Medtronic ERS warrants that ERS products which are purchased for use in the United States from authorized ERS representatives or dealers and are used in accordance with their instructions will be free from defects in material and workmanship appearing under normal service and use as follows: Five years: New LIFEPAK® 500 AEDs.

For complete warranty schedule and time limitations, consult J.L. Industries or Medtronic ERS.

**MANUFACTURING/WAREHOUSING LOCATIONS**

**JL INDUSTRIES INCORPORATED**  
 4450 W. 78th Street Circle, Bloomington, MN 55435  
 Phone: 952-835-6850 FAX: 952-835-2218  
 e-mail: jl@jlindustries.com  
 Web Site: www.jlindustries.com

**JL EAST COAST WAREHOUSE**  
 1231 Rank Mill Rd.  
 Lancaster, PA 17602  
 Phone: 800-554-6077

**JL ATLANTA WAREHOUSE**  
 4713 Hammernill Road  
 Tucker, GA 30084  
 Phone: 800-780-7501

**SAMSON PRODUCTS INCORPORATED**  
 6285 Randolph Street, Commerce, CA 90040  
 Phone: 323-726-9070 FAX: 323-726-9068  
 email: sales@samsonproducts.com  
 website: www.samsonproducts.com

**JL SOUTH WAREHOUSE**  
 5131 Sharp Street  
 Dallas, TX 75247  
 Phone: 800-554-6077

**THOMAS ENTERPRISES**  
 5765 Corporation Circle, Fort Myers, FL 33905  
 Phone: 941-693-7500 FAX: 941-693-7501  
 email: sales@thomase.com  
 Website: www.thomase.com

