AED COMPARISON

	IMAGE	PROMPT TYPE	OPERATING MODE	WARRANTY	ECG DISPLAY	CONVERTS TO TRAINER	ENERGY PROTOCOL	IP RATING	MAP PRICE
PHILIPS ONSITE		Voice	Semi-Automatic	8 Years		✔	150-150-150	IP21	$1,199.00
PHILIPS FRX		Voice	Semi-Automatic	8 Years		✔	150-150-150	IP55	$1,559.00
PHILPS FR3		Voice + Text	Fully Automatic	5 Years	✔		150-150-150	IP55	$2,520.00
ZOLL AED PLUS		Voice + LED	Fully Automatic	5 Years			120-150-200	IP55	$1,699.00
ZOLL AED PRO		Voice + LED	Semi-Automatic or Manual	5 Years	✔		120-150-200	IP55	$2,895.00
HEARTSINE SAMARITAN 300P		Voice + LED	Semi-Automatic	8 Years			150-150-200	IP56	$1,255.00
DEFIBTECH LIFELINE		Voice + LED	Semi-Automatic/ Automatic	8 Years		✔	150-150-150	IP54	$1,245.00 - $1,295.00
DEFIBTECH LIFELINE VIEW		Voice + Video	Semi-Automatic	8 Years			150-150-150	IP55	$1,195.00
LIFEPAK CR+		Voice + LED	Semi-Automatic/ Automatic	5 Years			200-300-360	IPX4	$1,695.00
LIFEPAK EXPRESS		Voice + Text	Semi-Automatic	5 Years			200-300-360	IP55	$1,295.00
LIFEPAK 1000		Voice + Text	Fully Automatic	5 Years	✔		200-300-360	IP55	$2,595.00
CARDIAC SCIENCE G3 PLUS		Voice + Text	Semi-Automatic or Manual	7 Years			150-360J Variable	IP24	$1,595.00
CARDIAC SCIENCE G3 PROFESSIONAL		Voice + Text	Semi-Automatic or Manual	7 Years	✔		150-360J Variable	IP24	$2,895.00

AED BUYING GUIDE

WHAT IS THE IP RATING?

The IP Rating (or Ingress Protection Rating) “classifies and rates the degrees of protection against the intrusion of solid objects, dust, accidental contact, water in mechanical casings and with electrical enclosures.”

On our comparison chart, the code will start out with IP, the first number will be “solid particle protection level,” and the second number will be “water protection level.” All of our AED’s are tested against water and solid particles (dust) on the following scales:

Liquid Ingress Protection

0 Not protected
1 Dripping water shall have no harmful effect.
2 Vertically dripping water shall have no harmful effect when the enclosure is tiled at an angle up to 15° from its normal position.
3 Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect.
4 Water splashing against the enclosure from any direction shall have no harmful effect.
5 Water projected by a nozzel against enclosure from any direction shall have no harmful effect.
6 Water projected in powerful jets against the enclosure from any direction shall have no harmful effect.
7 Ingress of water in harmful quantity shall not be possible when enclosure is immersed in water under defined conditions of pressure and time.
8 The equipment is suitable for continous immersion in water under conditions which shall be specified by the manufacturer.

Solid Particle Protection

0 No protection against contact and ingress of objects.
1 Any large surface of the body, such as the back of the hand, but no protection against deliberate contact with a body part.
2 Fingers or similar objects.
3 Tools, thick wires, etc.
4 Most wires, screws, etc.
5 Dust protected. Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.
6 Dust tight. No ingress of dust; complete protection against contact.

WHAT IS AN AUTOMATED EXTERNAL DEFIBRILLATOR (AED)?

CPR Savers & First Aid Supply offers Automated External Defibrillators (AEDs) as lifesaving devices to treat victims of sudden cardiac arrest. These defibrillators are designed to quickly and easily provide an electric shock that restores the victim’s normal heart rhythm.

IS CPR OR AED TRAINING REQUIRED TO OPERATE AN AED?

Some states require it, either way it is recommended. Contact us for a quote at TRAINING@CPR-savers.com.

WHAT IS SUDDEN CARDIAC ARREST OR SCA?

Sudden Cardiac Arrest (SCA) is a leading cause of death in the United States -- accounting for an estimated 325,000 deaths each year. Without treatment, SCA will lead to death within minutes. To ensure the highest chance of survivability, one must immediately call the local emergency number, start CPR, and use an AED.

Thankfully, the field of science has made the technology within automated external defibrillators easy to use, accurate, and highly effective. They were designed for those who do not have first responder training, but become that much more effective when coupled with a basic AED or CPR class.

SEMI-AUTOMATIC VS AUTOMATIC

All AEDs will automatically determine whether or not a shock is needed. Semi-Automatic AEDs will prompt the user to press the shock button, whereas Automatic AEDs will use a countdown or voice commands for the user, and will deliver the shock when it is needed. Fully automatic models were designed for those who may hestitate in a stressful time. Both types of AEDs are effective and safe to use.

PEDIATRIC CAPABILITY

All of our AEDs are safe to use on children (8 years old or 55lbs or less) when the pediatric capability is turned on. Different AEDs have different ways of turning this feature on, some have a “key,” while others have special electrode pads.

RESCUE PROMPT TYPE

There are various ways an AED can help you through a rescue. Newer models may prompt you through video and text display screens. Some models have LED indicators and voice commands to help the user perform the operations quickly and easily.

BIPHASIC WAVEFORM

Biphasic defibrillation “alternates the direction of the pulses, completing one cycle in approximately 10 milliseconds.” The biphasic waveform decreases the energy needed for successful defibrillation, in turn decreasing burns and myocardial damage.

ECG DISPLAY

ECG (electrocardiogram) is a cardiac test that determines heart rate, heart rhythm, whether there are conduction abnormalities, whether there has been a prior heart attack, and whether there may be coronary artery disease. Some of our newer AEDs have a screen to display the ECG waveforms.

CPR Savers & First Aid Supply LLC
1.800.480.1277
service@cpr-savers.com

Your first AED purchase is only a click away!
www.CPR-Savers.com