





# AUTOMATED EXTERNAL DEFIBRILLATOR COMPARISON GUIDE

 <b>AED</b>						
MODEL	ZOLL – AED PLUS	PHILIPS – ONSITE	PHILIPS – FRX	PHILIPS – HeartStart FR3	CARDIAC SCIENCE G3	CARDIAC SCIENCE G5
RESCUER GUIDANCE CPR SUPPORT	Zoll's CPR-D-padz® technology measures both the depth and rate of compressions. Audio and text prompts (including metronome) guide the rescuer and provide feedback.	Detailed voice prompts guide the rescuer in the use of the defibrillator, when the AED is activated by using the “pull” tab. CPR help is available as a user selection button.	Detailed voice prompts guide the rescuer as soon as the defibrillator unit is turned on by pressing the start button. CPR help is available as a user selection.	Advanced features designed for the professional responder, focus on reduced deployment time and time to shock delivery.	Rescue Coach™ voice and display prompts guide the rescuer through all phases of defibrillation and CPR.. Audible metronome assists with compression frequency	Intellisense™ and RescueCoach® CPR prompting and feedback technology provide rescuers with live feedback on depth and rate of compressions. Dual language corrective prompting and guidance are available.
WAVEFORM AND ENERGY PROTOCOL (Adult)	(RBW) Rectilinear Biphasic waveform technology. High current low voltage adjusted as a function of patient impedance. ( 120j, 150j, 200J)	SMART Truncated exponential biphasic technology. Waveform parameters adjusted as a function of patient impedance. Peak current 32 A (150 J nominal) into a 50 ohm load	SMART Truncated exponential biphasic technology. Waveform parameters adjusted as a function of patient impedance. Peak current 32 A (150 J nominal) into a 50 ohm load	SMART Truncated exponential biphasic technology. Waveform parameters adjusted as a function of patient impedance. Peak current 32 A (150 J nominal) into a 50 ohm load	STAR® biphasic truncated exponential technology. Features variable escalating energy with adjustments for impedance. Range 95J to 354J (adult)	STAR® biphasic truncated exponential technology. Features variable escalating energy with adjustments for impedance. Range 95J to 354J (adult)
ELECTRODE TYPE (Shock Delivery)	ZOLL CPR-D-padz® design guides the rescuer to position the cross hair marking at the chest line, opening to place the electrodes in position.	SMART Pads® Electrode pads are integrated with a pull tab to activate the AED unit. The electrodes visually indicate placement position.	SMART Pads II® Electrode pads are multi-functional and pre-connected. Pads can be used on adults, infants and children. Child key required.	SMART Pads III® Electrode pads are pre-connected peel and place pads, with no foil pouch to open reducing deployment time.	Intellisense™ Non-polarized pads (can be placed in either of the required positions) for rescuer placement ease.	Intellisense™ Non-polarized pads (can be placed in either of the required positions) for rescuer placement ease.
PAD LIFE	5 years	2 years	2 years	2 years	2 years	2 years
BATTERY TYPE	10 Duracell Type 123 3 volt lithium manganese dioxide batteries	9 volt DC, 4.2Ah long-life lithium manganese dioxide primary cells.	9 volt DC, 4.2Ah long-life lithium manganese dioxide primary cells.	12 volt DC, 4.7 Ah, long life lithium manganese dioxide primary cells	IntelliSense® lithium battery 12 volt DC, 9.2g Lithium Sulfur Dioxide primary cell	IntelliSense® Lithium Battery 12 volt DC, 9.2g Lithium Sulfur Dioxide primary cell
BATTERY LIFE (Standby in AED)	5 years	4 years	4 years	3 years	4 years	4 years
WEIGHT	6.7 lbs.	3.3 lbs.	3.5 lbs.	3.8 lbs.	6.6 lb.	5.7 lbs.
DIMENSIONS (height, width, depth)	13.3 cm (h) 24.1 cm (w) 29.2 cm (d)	7 cm (h) 21 cm (w) 19 cm (d)	7 cm (h) 22 cm (w) 18 cm (d)	6.9 cm (h) 13.5 cm (w) 22.1 cm (d)	8 cm (h) 31 cm (w) 27 cm (d)	9 cm (h) 23 cm (w) 30 cm (d)
WARRANTY	5 years	8 years	8 years	5 years	7 years	8 years
BASE UNIT PRICE	\$1937.26	\$1679.00	\$1990.00	\$2885.00	\$1799.00	\$2195.00

\*All of the above AED units are infant & child ready. See separate comparison chart.

Updated: August 12, 2016 from supplier specifications