

# *Advantage<sup>®</sup>*

## *Emergency Portable Suction Unit*



L190-GR shown with Disposable Hydrophobic/Bacteria filter, Disposable Canister, and optional Carrying Case

### *When Time and Performance Are Critical!*

The LSP Advantage Emergency Portable Suction Unit is designed for use by emergency medical personnel in the field, and for use within ambulances and helicopters when transporting patients to medical facilities.

#### **Continuous Operation - Ready When You Are ... 24/7**

The Advantage has the unique ability to operate at optimal performance from **three locations**: an emergency vehicle docking station, an AC power outlet, and as a portable stand-alone source of emergency medical suction. The unit can run at full performance while plugged in ... no matter what the battery charge. If the battery is dead, drained or damaged, the unit will operate at full performance while plugged into wall power or the docking station.

#### **Longest Run Time Before Recharging**

The Advantage provides a 75-minute battery run time at full suction before the indicator lights signify the need to recharge.

#### **Internal Charger Capable of Fully Recharging the Battery in Less Than 6 Hours**

Even if the unit is critically low on battery power, just plug into AC power or the docking station to obtain full performance. And, the unit will run for approximately 60 minutes after being charged for just 2 hours. No down time!

#### **Most Versatile Vacuum Range - Gentle Yet Powerful Suction When Needed**

The Advantage model L190-GR operates efficiently down to 25 mm Hg, yet has a powerful suction capability that reaches 550 mm Hg for situations requiring higher than normal performance to dislodge airway obstructions.

Model L190 operates at two levels of vacuum: 125 mm Hg and 550 mm Hg.

# Advantage® Emergency Portable Suction Unit



**L190-GR** LEDs indicate status of battery charge. Increase vacuum by turning regulating knob clockwise.



**L190** High and low vacuum switches to select pre-set 550 mm Hg or 125 mm Hg vacuum modes.



**L200-010 Docking Station**  
Specifically designed mounting bracket on the suction unit allows the unit to both operate off the disposable internal power of the emergency vehicle and charge while in place.



15" tubing (shown) may be used without the disposable hydrophobic/bacteria filter.

## SPECIFICATIONS

|  |   |
|--|---|
| <b>Weight:</b>   | 10.6 lbs.   |
| <b>Dimensions:</b>   | 9.4" H x 7.5" W x 16.8" L   |
| <b>Vacuum Range:</b>                                       | <b>L190-GR &amp; L190-GRCE:</b> 25-550 mm Hg<br><b>L190 &amp; L190CE:</b> 125 mm Hg (low); 550 mm Hg (high) |
| <b>Vacuum Flow:</b>  | >30 lpm   |
| <b>Battery:</b>  | Rechargeable lead acid  |
| <b>Battery Life (at high setting):</b>                     | 75 minutes at 550 mm Hg   |
| <b>Battery Charge Time:</b>                                | Full charge in less than 6 hours  |
| <b>Battery Depleted (unit automatically shuts off):</b>    | Yes   |
| <b>Bad Battery Sensor:</b>                                 | 5 red LEDs  |
| <b>Battery Charge Status:</b>                              | Indicator lights  |
| <b>Remote/Internal AC Charger:</b>                         | Internal  |
| <b>Charging Circuit Capable of Running on Low Battery:</b> | Yes   |
| <b>Collection Canister:</b>                                | 800 cc, stem inlet, disposable  |
| <b>AC Operation:</b>                                       | <b>L190 &amp; L190-GR:</b> 115 volts, 50/60 Hz<br><b>L190CE &amp; L190-GRCE:</b> 115/230 volts, 50/60 Hz    |
| <b>DC Operation:</b>                                       | 12 volt DC battery  |
| <b>Warranty:</b>   | 2 years   |
| <b>Classified per UL 60601-1 and U.L.C.</b>                |   |

## ORDERING INFORMATION

|                |  |
|----------------|--|
| <b>L190</b>    | Advantage, with Off/Low/High buttons, 115 V power cord |
| <b>L190-GR</b> | Advantage, with gauge and regulator, 115 V power cord  |

## ACCESSORIES

|                    |  |
|--------------------|--|
| <b>L190-BAG</b>    | Carrying Case with shoulder strap  |
| <b>L200-010</b>    | Docking Station Kit  |
| <b>S1160BA-RPL</b> | Disposable Canister, 800 cc, (5/case)  |
| <b>S1160BA-CS</b>  | Disposable Canister, 800 cc (70/case)  |
| <b>01-90-3928</b>  | Disposable Hydrophobic/Bacteria Filter, 1/4" hose barb x 1/4" hose barb (3/pkg.) |
| <b>S610100</b>     | Suction Tubing Kit (1 each 72" length and 15" length), 1/4" ID, clear, PVC       |



**ISO 13485: 2003**

Allied Healthcare Products, Inc. • 1720 Sublette Avenue • St. Louis, Missouri 63110  
314/771-2400 • 800/444-3954 • Fax: 314/771-0650 • www.alliedhpi.com  
International offices in Europe, Asia, and South America

U.S.  
Toll Free: 800/225-4577  
Fax: 800/477-7701

Canada & Mexico  
Toll Free: 800/446-0552  
Fax: 800/246-6201

International  
Telephone: 314/268-1683  
Fax: 314/771-5183