

SAFETY VACUUM RELEASE SYSTEMS (SVRS)



SR-500 STINGL SWITCH SAFETY VACUUM RELEASE SYSTEM (SVRS)

APPLICATION

The SR-500 is specifically designed for commercial and residential pools and spas. This unit protects against entrapment by releasing the vacuum in entrapment conditions. It can act as a pool and spa controller and fully programmable 24 hour timer, or as a stand-alone SVRS – working in conjunction with an existing pool controller.

HOW IT WORKS

SR-500 monitors the vacuum on the suction side of the pool or spa pump. When a blockage occurs in the main drain or skimmer a sudden rise in vacuum will cause the SR-500 to shut down pump operation and activate an audible alarm. The pump will remain off with the alarm sounding until manually reset. The unit has a 120/240V slide switch, allowing it to control 3 phase or high amperage/ horsepower pumps.



CATALOG NO.	UPC CODE	DESCRIPTION	VOLTAGE
SR-500	95425	Safety Vacuum Release System	120/240

	FEATURES	HOW SR-500 BENEFITS YOU
SAFETY AND CODE COMPLIANCE	<ul style="list-style-type: none"> • Turns off pump in milliseconds upon detecting sudden vacuum change • 5, 85dB audible alarm capabilities • CSA, ARL, VGB 2008, • Complies with ASME/ANSI 112.19.17 • Required by International Building Codes (IBC) and International Residential Codes (IRC) 	<ul style="list-style-type: none"> • Reacts to potential drowning by entrapment by releasing vacuum in less than one second • Allows for quicker alert, providing an additional layer of protection for your family and guests • Meets all current codes and standards for SVRSs on new and existing pools and spas
RELIABILITY AND PERFORMANCE	<ul style="list-style-type: none"> • Newest NEC microprocessor technology • Vacuum is monitored 128 times per second • Power is monitored 50/60 times per second • 2 Battery Power backup options with 30 minute rapid recharge 	<ul style="list-style-type: none"> • Guaranteed reliability • Rapid response, accurate readings • Continuous power detection • Settings & readings are saved
INSTALLATION AND MAINTENANCE	<ul style="list-style-type: none"> • Works on all size pumps – 120/240V slide switch • Integrates with existing timer box • Accessible extra dry contact input • No pipes to cut or glue • Low vacuum sensing • Display error readout • 30 minute maintenance override 	<ul style="list-style-type: none"> • Easy installation • Easy retrofit • Auxilliary equipment is easily added • Easy, trouble free installation • Prevents cavitations or running the pump dry eliminating costly equipment failure • Easy troubleshooting • Service pool without losing program settings



SR-500PS COMBINATION STINGL SWITCH SAFETY VACUUM RELEASE SYSTEM (SVRS)

APPLICATION

SR-500PS is an SRVS specifically designed for commercial and residential pool and spa combinations that share one common pump, and provides the same reliable vacuum entrapment detection capabilities as the SR-500 Stingl Switch.

The SR-500PS is equipped with 2 Vacuum Memory settings – one for the pool and one for the spa. This PS unit is designed with Dry Contact Input – for total automation used in conjunction with any remote system.

HOW IT WORKS

Just like the SR-500, the SR-500PS monitors the vacuum on the suction side of the pool or spa pump. When a blockage occurs in the main drain or skimmer a sudden rise in vacuum will cause the SR-500PS to shut down pump operation and activate an audible alarm. The pump will remain off with the alarm sounding until manually reset. The unit has a 120/240V slide switch, allowing it to control 3 phase or high amperage/horsepower pumps.



CATALOG NO.	UPC CODE	DESCRIPTION	VOLTAGE
SR-500PS	95426	Safety Vacuum Release System	120/240

FEATURES	HOW SR-500 BENEFITS YOU
<p>SAFETY AND CODE COMPLIANCE</p> <ul style="list-style-type: none"> • Turns off pump in milliseconds upon detecting sudden vacuum change • 5, 85dB audible alarm capabilities • CSA, ARL, VGB 2008, • Complies with ASME/ANSI 112.19.17 • Required by International Building Codes (IBC) and International Residential Codes (IRC) 	<ul style="list-style-type: none"> • Reacts to potential drowning by entrapment by releasing vacuum in less than one second • Allows for quicker alert, providing an additional layer of protection for your family and guests • Meets all current codes and standards for SVRSs on new and existing pools and spas
<p>RELIABILITY AND PERFORMANCE</p> <ul style="list-style-type: none"> • Newest NEC microprocessor technology • Vacuum is monitored 128 times per second • Power is monitored 50/60 times per second • 2 Battery Power backup options with 30 minute rapid recharge 	<ul style="list-style-type: none"> • Guaranteed reliability • Rapid response, accurate readings • Continuous power detection • Settings & readings are saved
<p>INSTALLATION AND MAINTENANCE</p> <ul style="list-style-type: none"> • Works on all size pumps – 120/240V slide switch • Integrates with existing timer box • Accessible extra dry contact input • No pipes to cut or glue • Low vacuum sensing • Display error readout • 30 minute maintenance override 	<ul style="list-style-type: none"> • Easy installation • Easy retrofit • Auxilliary equipment is easily added • Easy, trouble free installation • Prevents cavitations or running the pump dry eliminating costly equipment failure • Easy troubleshooting • Service pool without losing program settings