

LIMITED WARRANTY - SUMP PUMPS:

Manufacturer warrants the products specified in this warranty to be free from defects in material or workmanship for one (1) or three (3) years (depending on model) from date of purchase. During the time period and subject to the terms and conditions, the manufacturer will repair or replace to the original user or consumer any portion of this product which proves to be defective due to materials or workmanship. At all times the manufacturer shall have and possess the sole right and option to determine whether to repair or replace defective equipment, parts, or components. The manufacturer has the option to inspect any product returned under warranty to confirm that the warranty applies before repair or replacement under warranty is approved. This warranty sets forth the manufacturer's sole obligation and purchaser's exclusive remedy for defective product. Return defective product to the place of purchase for warranty consideration.

WARRANTY PERIOD - PRODUCTS:

If, within the duration of product use by the original user, this product proves to be defective due to materials or workmanship, the product shall be repaired or replaced at the manufacturer's option, subject to the terms and conditions set forth in this warranty statement. Proof of purchase is required for warranty consideration. In the absence of suitable proof of the purchase date, the effective period of this warranty is 12 months from the product's date of manufacture.

LABOR, ETC. COSTS:

The manufacturer shall IN NO EVENT be responsible or liable for the cost of field labor or other charges incurred by any customer in removing and/or affixing any product, part, or component thereof.

PRODUCT IMPROVEMENTS:

The manufacturer reserves the right to change or improve its products or any portions thereof without being obligated to provide such a change or improvement for units sold and/or shipped prior to such change or improvement.

GENERAL TERMS AND CONDITIONS:

This warranty shall not apply to damage due to acts of God, normal wear and tear, normal maintenance services and the parts used in connection with such service, lightning or conditions beyond the control of the manufacturer, nor shall it apply to products which, in the sole judgment of the manufacturer, have been subject to negligence, abuse, accident, misapplication, tampering, alteration; nor due to improper installation, operation, maintenance or storage; nor to excess of recommended maximums as set forth in the instructions. Warranty will be VOID if any of the following conditions are found:

1. Product is used for purposes other than those for which it was designed and manufactured
2. Product not installed in accordance with applicable codes, ordinances, and good trade practices
3. Product connected to voltage other than indicated on nameplate or labels
4. Pump exposed to but not limited to the following: sand, gravel, cement, grease, plaster, mud, tar, oil, gasoline, solvents or other abrasive or corrosive substances
5. Pump has been used for pumping liquids above 120°F
6. Pump allowed to operate dry (liquid supply cut off)

DISCLAIMER:

Any oral statements about the product made by the seller, the manufacturer, the representatives, or any other parties do not constitute warranties, shall not be relied upon by the user, and are not part of the contract for sale. Seller's and the manufacturers only obligation, and buyer's only remedy, shall be the replacement and/or repair by the manufacturer of the product as described above. NEITHER SELLER NOR THE MANUFACTURER SHALL BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS), ARISING OUT OF THE USE OR THE INABILITY TO USE THE PRODUCT, AND THE USER AGREES THAT NO OTHER REMEDY SHALL BE AVAILABLE TO IT. Before using, the user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith.

THE WARRANTY AND REMEDY DESCRIBED IN THIS LIMITED WARRANTY IS AN EXCLUSIVE WARRANTY AND REMEDY AND IS IN LIEU OF ANY OTHER WARRANTY OR REMEDY, EXPRESSED OR IMPLIED, WHICH OTHER WARRANTIES AND REMEDIES ARE HEREBY EXPRESSLY EXCLUDED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT EITHER APPLIES TO A PRODUCT SHALL BE LIMITED IN DURATION TO THE PERIODS OF THE EXPRESSED WARRANTIES GIVEN ABOVE.

Some states and countries do not allow the exclusion or limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



If for any reason you have questions concerning your new Superior Pump, call us toll free at 1-800-495-9278, or contact us on the web at www.superiorpumpco.com

Carefully read and understand all of the Warnings and installation instructions in this manual. Failure to follow these instructions could lead to serious bodily injury and/or property damage. Retain these instructions for future reference.

This pump has been manufactured with your needs in mind. Properly installed in the right application, your new Superior Pump will give you years of carefree performance.

DANGER ⚠ Water and electricity can be dangerous if certain precautions are not adhered to. This pump is designed to operate perfectly safe in a water environment; however, improper use and installation can result in personal harm from electrical shock. Please pay attention to the following warnings.

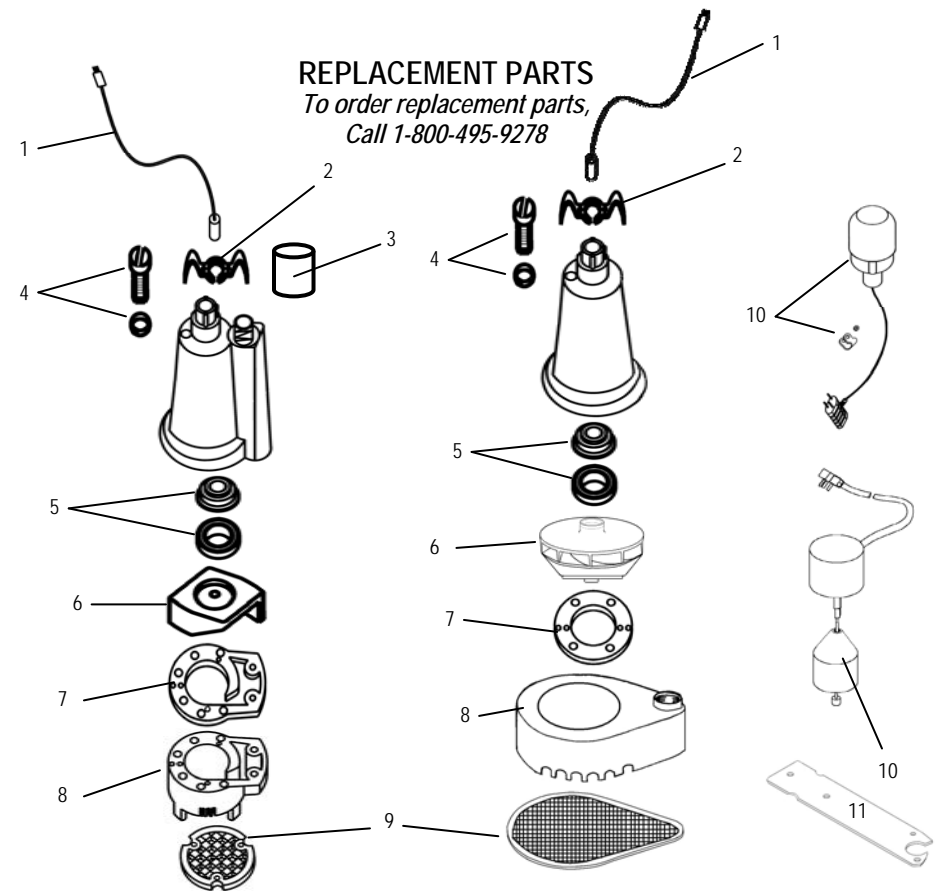
WARNING ⚠ Never touch any electrical device, including this pump, when it is touching water, in water, or even in a moist environment. Always unplug (disconnect the electricity) when working on or installing the unit.

WARNING ⚠ **RISK OF ELECTRICAL SHOCK.** This pump is supplied with a grounding conductor and grounding-type attachment plug. To reduce the risk of electrical shock, be certain that it is connected only to a properly grounded, grounding-type receptacle.

WARNING ⚠ Do not use the power cord or discharge hose to carry or handle the pump. Doing so may cause damage to the power cord or discharge hose. Use the carrying handle supplied with the pump.

WARNING ⚠ Always use a grounded outlet. A three-prong mating type receptacle is required for safe use. This should be in accordance with the National Electric Code and any additional codes or laws required by your local government.

NOTICE ⚠ It is strongly recommended to use a ground fault interrupt device on any electrical appliance, including this pump, when used in a wet or moist environment as it provides a much safer installation and will greatly reduce possible injury from electrical shock. This is required by many local codes and enforcement agencies.



REPLACEMENT PARTS
To order replacement parts,
Call 1-800-495-9278

Ref	Description	PARTS FOR MODEL#					
		92250 92255 92260	92251 92257	92330 92342 92335	92331 92341 92337	92351 92501 92507	92352 92511
1	Power Cord	99008		99008			
2	Handle	99050	99051	99050	99051	99051	99051
3	Hose Coupling/Adapter	99007	99007	99007			
4	Oil Fill Plug with O-ring	99056	99056	99056	99056	99056	99056
5	Shaft Seal	99057	99057	99057	99057	99057	99057
6	Impeller	99060	99087	99065	99096	99070	99070
7	Gasket	99062	99062	99062	99088	99064	99064
8	Volute/Base	99067	99078	99069	99078	99071	99071
9	Intake Screen	99073	99076	99073	99076	99074	99074
10	Float Switch	92000	92000	92000	92000	92000	92010
		92000	92005	92010	92010	92000	
		92010		92005	92005		
11	Vertical float Switch Bracket	N/A	N/A	N/A	N/A	N/A	99105
		N/A	N/A	99105	99105	N/A	
		99105		N/A	N/A		

NOTICE ⚠ Height and/or piping restriction will reduce the pump output performance. See the performance chart below to insure you have the proper pump for your application. Whenever possible use the same size or larger pipe as the pump discharge for optimum performance. Reducing the pipe size will not harm your pump; it will just reduce the output.

PERFORMANCES

<i>Model #</i>	<i>Output in gallons per minute at listed discharge height above pumping level</i>					
	<i>0'</i>	<i>5'</i>	<i>10'</i>	<i>15'</i>	<i>20'</i>	<i>25'</i>
92250, 92251, 92260, 92255, 92257	30	22	20	16	9	2
92330, 92342, 92335	40	34	28	22	12	2
92331, 92337, 92341	46	36	30	25	12	1
92351, 92352	60	56	50	35	15	6
92501, 92511, 92507	70	66	58	48	25	10

SPECIFICATIONS

<i>Model #</i>	<i>92250 92255 92260</i>	<i>92251 92257</i>	<i>92330 92342 92335</i>	<i>92331 92341 92337</i>	<i>92351 92352</i>	<i>92501 92511 92507</i>
HP	1/4	1/4	1/3	.3	1/3	1/2
Amps	3.82	3.82	4.1	4.1	7.6	7.6
Solids Handling	1/8"	1/8"	1/8"	3/8"	1/2"	1/2"
Warranty (Years)	1	3	1	3	3	3
Discharge Size	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"

Power supply requirements 120V, 60 Hz (15 amp)
 Motor Continuous Duty, Capacitor Start, Thermally Protected
 Liquid Temperature Range 32° F - 120° F (0° C - 49° C)

DANGER ⚠ Do not use this pump to pump chemicals, flammable liquids, sewage or corrosive liquids. You could injure yourself and the pump will fail. Pumping these types of liquids voids the warranty. Decko Products manufactures pumps for these types of liquids. Make sure you purchase a pump designed for your specific needs. This pump will handle fluids with the same characteristics as water. If you have any questions call us at 1-800-495-9278 or contact us on the web at www.superiorpumpco.com

WARNING ⚠

Your pump has thermal over-load protection built in. It is not recommended for pumping liquids over 120° F. The thermal overload protector will automatically shut down the pump in an overheat situation. It will then reset itself once the pump cools down. This overload is designed as a safety device and it will fail after repeated use. Normal operation is for fluids between 32° F & 120° F.

DO NOT RUN THE PUMP DRY. The pump depends on water for cooling and lubrication. Operating the pump without water may cause the motor to overheat or cause damage to parts of the pump. It may also shorten the life of your pump.

NOTICE ⚠

EXTENSION CORDS

For best performance, it is recommended to connect the power cord directly to the grounded GFCI outlet. If the use of an extension cord is necessary, always use a grounded waterproof type cord. Never use longer than a 25-ft. cord that is lighter than 14/3 gauge.

DANGER ⚠ Keep all electrical connections away from wet and moist environments. Wet connections can cause electrical shock resulting in personal injury.

USE AND INSTALLATION

WARNING ⚠ ALWAYS DISCONNECT THE POWER SOURCE BEFORE ATTEMPTING TO INSTALL, SERVICE OR PERFORM MAINTENANCE ON THE PUMP. FAILURE TO DO SO MAY RESULT IN FATAL ELECTRICAL SHOCK.

Your Superior Pump is designed and built to give you reliable performance and long life. It will pump water automatically for years when properly installed in the right environment.

REMOVING OLD PUMP. (If necessary)

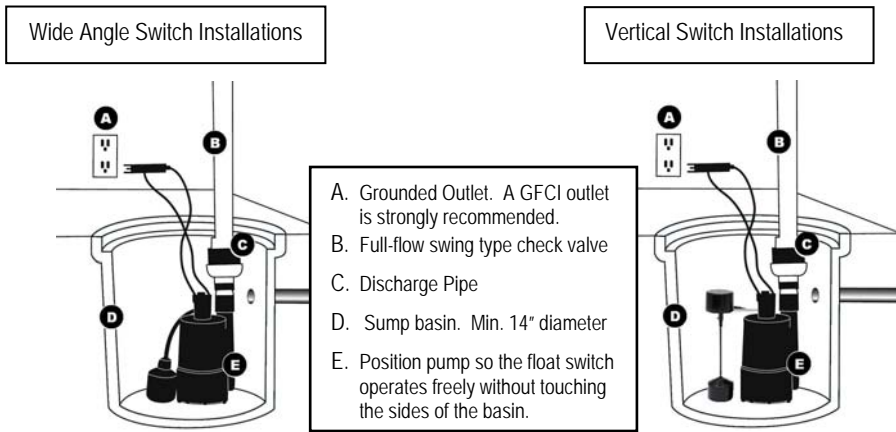
1. Make sure power supply is disconnected.
2. After the power is off, remove the old pump. There are many different possible types of installations.
3. It is best to remove all old piping and start over with new piping. Be sure to clean all debris and dirt out of the sump basin before installing your new pump.

Be sure to have a grounded 120V AC outlet mounted within 6 ft. of your sump basin. Again, it is highly recommended that a GFCI (ground fault circuit interrupter) outlet be installed in the receptacle box.

NOTICE ⚠ A qualified electrician must perform all wiring.

INSTALLATION (New Pump)

1. Set your new pump in the bottom of the sump basin off to one side. The pump should be placed on a solid foundation. Do not place the pump directly on the ground or sandy or rocky surfaces. Sand and small stones may clog or cause damage to your pump.
2. Make sure the float switch will swing freely from the bottom to top without coming in contact with the side of the sump basin. Contact with the side of the sump basin may cause the switch to malfunction. See figure below.



3. It is highly recommended to install a full flow, swing type check valve (not included) as close to the discharge outlet on the pump as possible. A new check valve will greatly increase the life of your pump. The check valve should be the same size as the pump discharge.
4. Connect the pump and check valve together using schedule 40 PVC pipe and fittings. You can also use DWV or ABS pipe, as this is not a pressure installation. Corrugated drain hose is intended for temporary use and should not be used in a permanent installation. Although there are many types of pipe that work adequately for this installation, PVC is recommended.
5. Test your installation after you have completed setting up the pump. Plug the cord from the pump into the piggyback plug of the float switch, then plug that into your grounded outlet. The pump should not run at this point. If the pump runs, the switch is stuck in the upright position or the pump is plugged directly into the outlet and not through the piggyback switch plug. Fill the sump basin with water using buckets or a hose. When the switch floats to the upright position, the pump will turn on. The switch will turn off the pump when it reaches the down position. You may adjust the switch to meet your particular needs. Remember the switch must swing freely without touching the sides of the sump basin. NOTE: The cut out (turn off) setting is the only adjustment available on vertical type switches.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	HOW TO CORRECT
If the pump does not start or run	▪ Pump is not plugged in, switch or breaker is off	▪ Plug pump in or turn on switch/breaker
	▪ Check for blown fuses or tripped circuit breakers or tripped GFCI outlets	▪ Replace fuse, reset breaker, reset GFCI outlet
	▪ Float switch is defective	▪ Check and replace if necessary
	▪ Motor thermal protector tripped	▪ Allow pump to cool. Pump will reset
The pump starts and stops too often	▪ Float switch is stuck or obstructed	▪ Remove obstruction or position pump so it will not become stuck
	▪ Backflow of water from discharge hose/pipe	▪ Install or replace check valve
If the pump runs but moves little or no water	▪ Float switch is defective	▪ Replace float switch
	▪ Clogged intake screen	▪ Clean or replace screen
	▪ Clogged discharge hose/pipe	▪ Remove clog
	▪ Frozen discharge hose/pipe	▪ Allow hose/pipe to thaw
	▪ Pump is air locked	▪ Clean out airlock hole with a paper clip or pipe cleaner
	▪ Low line voltage	▪ Check wire size and increase if necessary
	▪ Check valve is stuck in the closed position	▪ Inspect, repair or replace if necessary
	▪ Check valve is installed backwards	▪ Make sure check valve is installed in the correct direction of flow
	▪ Worn, damaged or clogged pump parts	▪ Inspect for wear, damage or clog and clean or replace if necessary
▪ Discharge head exceeds pump capacity	▪ If pumping height is over 25', the pump will not move water. See performance chart	
Pump does not shut off	▪ Float switch is obstructed or stuck	▪ Remove obstruction
	▪ Defective Float Switch	▪ Replace switch