

SECTION 13

# SUMP & SEWAGE ACCESSORIES

Prevents backup and ensures longevity of the system



**INDEX**

<b>Product Line</b>	<b>Page</b>
Liquid Level Alarms	1
Float Switches	2
Control Sensor Switches	3
Cable Weights	3
Water Box	3
Swing Check Valves	4
Combination Swing/Check Valves	5
Sump Pump Check Valves	5
Sump & Sewage Check Valve	6
Backwater Valves	7
Sump Pump Discharge Kits	7



## LIQUID LEVEL ALARMS

Boshart's liquid level alarms are a multipurpose alarm that can be used in a wide variety of applications such as: cisterns, residential sewage basins, septic tanks, sump basins, holding tanks, pump chambers, water tanks, and any others where detection of high or liquid level conditions is required. They use a low voltage switch circuit and have a battery (not included) backup for temporary protection during power outages.

These alarms are for indoor use. Dual rated alarms for either indoor or outdoor use are available.





• cULus Listed to ANSI/UL 2017 & CSA C22.2 No. 205 Standards

Temperature Range: 0°F to 140°F (-18°C to 60°C)

Part No.	Cord Length	Quantity	
		L1	L2
<b>Pump Down, Voltage: 120 VAC</b>			
 850H-10	10'	24	
850H-20	20'	20	
850H-30	30'	12	
850H-50	50'	12	
<b>Pump Up, Voltage: 120 VAC</b>			
 850L-10	10'	24	
850L-20	20'	20	
850L-30	30'	12	
850L-50	50'	12	

## ACCESSORIES

These accessories are for alarms, helping with installation and to detect leaks in a variety of applications.

Part No.	Size	Description	Quantity	
			L1	L2
<b>Flat Water Sensor</b>				
		This water sensor is a reliable leak detection sensor that can be used in a wide variety of applications such as: basements, sumps, air conditioner condensate run over, water heaters, computer and utility rooms. The sensor comes standard with a 15' (4.572 M) cable that quickly connects to any 850 series alarm. Connect up to 6 sensors for complete zone protection.		
850-WSF		For floor detection	40	
<b>Probe Water Sensor</b>				
		This water sensor is a reliable leak detection probe sensor that can be used in a wide variety of applications such as: sump basins, water tanks and drain pans. The sensor comes standard with a 15' (4.572 M) cable that quickly connects to any 850 series alarm. Connect up to 6 sensors for complete zone protection.		
850-WSP		For tank / basin overflow detection	40	
<b>Cable Clip</b>				
		<b>Nylon,</b> This cable clip is used to prevent the plug from being accidentally disconnected from the electrical outlet. It is highly recommended that this clip is installed to secure the power cord of a float switch, pump or liquid level alarm to either the wall or electrical outlet using the outlet faceplate screw.		
890-CC516BK	5/16"		100	1000
<b>Release Cable Tie</b>				
		<b>Nylon,</b> Releasable cable ties are ideal for fastening the float switch cord at the tether point. It's release feature allows the tie to be re-opened for easy adjustment of the tether length to change the pumping range for either more or less distance between the turn-on and turn-off levels.		
890-CTR14BK	14" 50# Button Release UV Black		100	5000

Contact your sales rep for any further information

Toll Free: 1-800-561-3164











boshart.com

### FLOAT SWITCHES

Boshart's float switches feature an internal structure that contains precision molded parts with only two moving pieces. A steel ball moves through a solidly constructed housing to activate a switch arm that triggers a miniature snap action switch. The floats are supplied with jacketed cords, series (piggyback) plugs which eliminates the need for internal wiring in the pump motor. The units can also be supplied without plugs or in various lead lengths.

• cULus Listed to ANSI/UL 508 & CSA-C22.2 No. 14 Standards

Temperature Range: Up to 140°F (60°C)

Part No.	Cord Length	Single Phase Electrical Rating	Quantity	
			L1	L2
<b>Pump Down, Voltage: 120 VAC, Housing: Polypropylene</b>				
 862D-120-10	10'	1/2hp @ 120V	10	
862D-120-15	15'	1/2hp @ 120V	10	
862D-120-20	20'	1/2hp @ 120V	10	
<b>Pump Up, Voltage: 120 VAC, Housing: Polypropylene</b>				
 862U-120-10	10'	1/2hp @ 120V	10	
862U-120-15	15'	1/2hp @ 120V	10	
862U-120-20	20'	1/2hp @ 120V	10	
<b>Pump Down, Voltage: 120 VAC, Housing: PVC</b>				
 860D-120-10	10'	1/2hp @ 120V	24	
860D-120-15	15'	1/2hp @ 120V	24	
860D-120-20	20'	1/2hp @ 120V	24	
860D-120-30	30'	1/2hp @ 120V	12	
860D-120-50	50'	1/2hp @ 120V	12	
<b>Pump Up, Voltage: 120 VAC, Housing: PVC</b>				
 860U-120-10	10'	1/2hp @ 120V	24	
860U-120-15	15'	1/2hp @ 120V	24	
860U-120-20	20'	1/2hp @ 120V	24	
860U-120-30	30'	1/2hp @ 120V	12	
860U-120-50	50'	1/2hp @ 120V	12	
<b>Pump Down, Voltage: 120 VAC, Housing: PVC</b>				
 870D-120-10	10'	1hp @ 120V	24	
870D-120-20	20'	1hp @ 120V	24	
870D-120-30	30'	1hp @ 120V	12	
<b>Pump Up, Voltage: 120 VAC, Housing: PVC</b>				
 870U-120-10	10'	1hp @ 120V	24	
870U-120-20	20'	1hp @ 120V	24	
870U-120-30	30'	1hp @ 120V	12	
<b>Pump Down, Voltage: 240 VAC, Housing: PVC</b>				
 860D-240-10	10'	1hp @ 240V	1	24
860D-240-15	15'	1hp @ 240V	24	
860D-240-20	20'	1hp @ 240V	24	
<b>Pump Up, Voltage: 240 VAC, Housing: PVC</b>				
 860U-240-10	10'	1hp @ 240V	24	
860U-240-15	15'	1hp @ 240V	24	
860U-240-20	20'	1hp @ 240V	24	
<b>Pump Down, Voltage: 240 VAC, Housing: PVC</b>				
 870D-240-10	10'	2hp @ 240V	1	24
870D-240-20	20'	2hp @ 240V	24	
870D-240-30	30'	2hp @ 240V	12	
<b>Pump Up, Voltage: 240 VAC, Housing: PVC</b>				
 870U-240-10	10'	2hp @ 240V	24	
870U-240-20	20'	2hp @ 240V	24	
870U-240-30	30'	2hp @ 240V	12	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164




boshart.com

Rev. 5.2

## CONTROL SENSOR SWITCHES

Boshart's control sensor switches are used for level sensing for alarms and pump control panels. The sensor switch does not have a plug, but the cord is skived to connect to terminals in a panel.

- cULus Listed to ANSI/UL 508 & CSA-C22.2 No. 14 Standards
- Temperature Range: 0°F to 140°F (-18°C to 60°C)

	Part No.	Cord Length	Single Phase Electrical Rating	Quantity	
				L1	L2
	<b>Pump Down, Voltage: 120 VAC</b>				
	• Two wire connection				
	880NO-10	10'	1/4hp @ 120V	24	
	880NO-15	15'	1/4hp @ 120V	24	
	880NO-20	20'	1/4hp @ 120V	24	
	880NO-30	30'	1/4hp @ 120V	12	
	<b>Pump Up, Voltage: 120 VAC</b>				
	• Two wire connection				
	880NC-10	10'	1/4hp @ 120V	24	
	<b>Pump Up or Pump Down, Voltage: 120 VAC</b>				
	• Three wire connection				
	880NOC-10	10'	1/4hp @ 120V	24	
	880NOC-20	20'	1/4hp @ 120V	24	
	880NOC-30	30'	1/4hp @ 120V	12	

## CABLE WEIGHTS

Boshart's cable weights allow for easy adjustment of the tether length on sensor/non-internally weighted float switches.

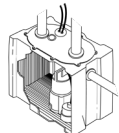
Part No.	Quantity		Part No.	Quantity	
	L1	L2		L1	L2
<b>PVC,</b> • Uses a clip to hold the cord in place			<b>Zinc Plated Cast Iron,</b> • Two halves are held together with a bolt • Internal grip rings prevent slippage		
	890-AW	1 8		890-AW-CI	40

SUMP & SEWAGE

## WATER BOX

The water box instantly and economically solves waste water handling problems for laundry tubs, washing machines, wet bars, dehumidifiers or any other waste water storage and pumping applications. It accepts most submersible pumps and is constructed without seams for maximum durability. The bolt down cover allows for easy access for installation or removal of 1-1/4" or 1-1/2" sump pumps.

- 1-1/2" inlet connection is threaded
- 2" Vent Pipe can be installed if necessary

	Part No.	Quantity	
		L1	L2
	<b>Polypropylene</b>		
	SPWB-10	1	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164  
boshart.com

## SWING CHECK VALVES

Boshart's swing check valves are an excellent choice for sump, sewage and grinder pump applications. The full port design causes less friction and allows for easier pumping. An angled seat provides quiet operation by minimizing water hammer. They are designed for vertical (solid free liquid applications) and horizontal (solid /semisolid applications) installation. If installing horizontally extra care must be taken to ensure the flow arrow points away from the pump and the check valve body is oriented as per the marking on the valve body HORIZONTAL USE THIS SIDE UP.

- Compatible with schedule 40 & 80 pipe.
  - ASTM-D1784 - PVC compounds
- , Primary Material: PVC,



Part No.	Size	Maximum Working Pressure	Quantity	
			L1	L2
<b>Standard , Comp</b>				
17SCC-12*	1-1/4"	125 PSI @ 72°F	12	
17SCC-15	1-1/2"	150 PSI @ 72°F	12	
17SCC-20	2"	150 PSI @ 72°F	12	384
17SCC-30*	3"	125 PSI @ 72°F	2	
17SPCV-1215	1-1/2" or 1-1/4"	150 PSI @ 72°F	12	
<b>Quiet , Comp</b>				
17QSCC-15	1-1/2"	150 PSI @ 72°F	12	
17QSCC-20	2"	150 PSI @ 72°F	12	
<b>Standard , Slip</b>				
17SCS-05*	1/2"	125 PSI @ 72°F	20	
17SCS-07*	3/4"	125 PSI @ 72°F	25	
17SCS-10*	1"	125 PSI @ 72°F	25	
17SCS-12*	1-1/4"	125 PSI @ 72°F	12	
17SCS-15	1-1/2"	150 PSI @ 72°F	9	
17SCS-20	2"	150 PSI @ 72°F	6	
17SCS-30*	3"	125 PSI @ 72°F	4	
17SCS-40*	4"	125 PSI @ 72°F		
<b>Quiet , Slip</b>				
17QSCS-20	2"	150 PSI @ 72°F	6	
17QSCS-15	1-1/2"	150 PSI @ 72°F	9	
<b>Standard , Slip Union</b>				
17SCTU-15	1-1/2"	150 PSI @ 72°F	12	
17SCTU-20	2"	150 PSI @ 72°F	12	
<b>Quiet , Slip Union</b>				
17QSCTU-15	1-1/2"	150 PSI @ 72°F	12	
17QSCTU-20	2"	150 PSI @ 72°F	12	

\* Not manufactured by Boshart Industries

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

Rev. 5.2




## COMBINATION SWING/CHECK VALVES

Boshart's combination swing / check valves allow for wastewater pumping applications combining both an in-line shut off and back flow prevention. The combination check / ball valve results in a more compact installation than two separate valves. They are ideal for installation, especially where space is limited. The check valves feature an angled seat design, minimizing flow reversal and potentially damaging hydraulic shock (water hammer). Excellent choice for sump, sewage and grinder pump applications. Full port design allows for less friction and easier pumping. They are designed for vertical (solid free liquid applications) and horizontal (solid /semisolid applications) installation. If installing horizontally extra care must be taken to ensure the flow arrow points away from the pump and the check valve body is oriented as per the marking on the valve body HORIZONTAL USE THIS SIDE UP.



- Compatible with schedule 40 & 80 pipe.
- ASTM-D1784 - PVC compounds

Maximum Working Pressure: 150 PSI @ 72°F, Primary Material: PVC





	Part No.	Inlet	Outlet	Design	Quantity		
					L1	L2	
	<b>Inlet: Comp, Outlet: Comp</b>						
	17QSCBV-15UC	1-1/2"	1-1/2"	Quiet	6		
	17QSCBV-20UC	2"	2"	Quiet	6		
	17SCBV-15UC	1-1/2"	1-1/2"	Standard	6		
	<b>Inlet: Slip Union, Outlet: Slip</b>						
	17QSCBV-15SU	1-1/2"	1-1/2"	Quiet	6		
	17QSCBV-20SU	2"	2"	Quiet	6		
	17SCBV-15SU	1-1/2"	1-1/2"	Standard	6		
	<b>Inlet: Slip Union, Outlet: Slip Union</b>						
	17QSCBV-15TU	1-1/2"	1-1/2"	Quiet	6		
	17QSCBV-20TU	2"	2"	Quiet	6		
	17SCBV-15TU	1-1/2"	1-1/2"	Standard	6		
17SCBV-20TU	2"	2"	Standard	6			

## SUMP PUMP CHECK VALVES

Boshart's sump pump check valves feature a full port valve design. The flapper opens 100% and is seated on a 15° angle to reduce water hammer when the pump shuts off. This also prevents debris from building up or getting caught, ensuring proper seating.

Temperature Range: Up to 140°F (60°C), Primary Material: ABS



	Part No.	Inlet	Outlet	Design	Quantity		
					L1	L2	
	<b>Inlet: MPT, Outlet: Barb or Spigot</b>						
	BSC-125-B	1-1/4"	1-1/4" or 1-1/2"	Standard	20		
BSC-150-B	1-1/2"	1-1/4" or 1-1/2"	Standard	20			
	<b>Inlet: MPT, Outlet: Barb or Spigot</b>						
	BSC-125-B-AR	1-1/4"	1-1/4" or 1-1/2"	Air Release	20		
BSC-150-B-AR	1-1/2"	1-1/4" or 1-1/2"	Air Release	20			
	<b>Inlet: MPT, Outlet: Spigot</b>						
	BSC-125	1-1/4"	1-1/4" or 1-1/2"	Standard	20		
	BSC-125-150S	1-1/4"	1-1/2"	Standard	20		
	BSC-150	1-1/2"	1-1/4" or 1-1/2"	Standard	20		
BSC-150-150S	1-1/2"	1-1/2"	Standard	20			
	<b>Inlet: MPT, Outlet: Spigot</b>						
	BSC-125-150S-AR	1-1/4"	1-1/2"	Air Release	20		
	BSC-125-AR	1-1/4"	1-1/4" or 1-1/2"	Air Release	20		
	BSC-150-150S-AR	1-1/2"	1-1/2"	Air Release	20		
BSC-150-AR	1-1/2"	1-1/4" or 1-1/2"	Air Release	20			

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

## SUMP PUMP CHECK VALVES

Part No.	Inlet	Outlet	Design	Quantity	
				L1	L2
<b>Inlet: MPT, Outlet: FRC</b>					
BSC-125-SRS	1-1/4"	1-1/4" or 1-1/2"	Standard	10	
BSC-150-SRS	1-1/2"	1-1/4" or 1-1/2"	Standard	10	
<b>Inlet: MPT, Outlet: FRC</b>					
BSC-125-SRS-AR	1-1/4"	1-1/4" or 1-1/2"	Air Release	10	
BSC-150-SRS-AR	1-1/2"	1-1/4" or 1-1/2"	Air Release	10	
<b>Inlet: MPT, Outlet: Barb</b>					
BSC-150-150B	1-1/2"	1-1/2"	Standard	20	
<b>Inlet: MPT, Outlet: Barb</b>					
BSC-150-150B-AR	1-1/2"	1-1/2"	Air Release	20	
<b>Inlet: FRC, Outlet: FRC</b>					
BSC-125-SB	1-1/4"	1-1/4"	Standard	10	
BSC-125/150-DRS	1-1/4" or 1-1/2"	1-1/4" or 1-1/2"	Standard	10	
BSC-150-SB	1-1/2"	1-1/2"	Standard	10	
<b>Inlet: Spigot, Outlet: Spigot</b>					
BSC-125/150-SXS	1-1/4" or 1-1/2"	1-1/4" or 1-1/2"	Standard	10	
BSC-150-SXS	1-1/2"	1-1/2"	Standard	20	



## SUMP & SEWAGE CHECK VALVE

Boshart's sump & sewage check valve feature a full port valve design. The flapper opens 100% and is seated on a 15° angle to reduce water hammer when the pump shuts off. This also prevents debris from building up or getting caught, ensuring proper seating. This check valve features a blow out proof nylon reinforced gasket design.

- Completely assembled with flexible rubber couplings on both inlet & outlet.
- 4 all stainless steel clamps provided

Temperature Range: Up to 140°F (60°C), Primary Material: ABS



Part No.	Inlet	Outlet	Design	Quantity	
				L1	L2
<b>Inlet: FRC, Outlet: FRC</b>					
BSC-200-SB	2"	2"	Standard	12	528



Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

Rev. 5.3



## BACKWATER VALVES

Boshart's backwater valves are made corrosion-free materials to ensure the inside remains smooth without flaking or pitting. The gasket on the flapper ensures a water tight seal. Used in normally horizontal drain lines and branches, the flapper design allows for unrestricted flow of effluent.

Primary Material: PVC



Part No.	Size	Quantity	
		L1	L2
<b>Slip</b>			
171530-20	2"	8	
171530-30	3"	4	
171530-40	4"	2	

## SUMP PUMP DISCHARGE KIT

Boshart's sump pump discharge kits include 24 ft. of corrugated polyethylene sump pump tubing, plastic adapter(s) and one clamp 301 stainlessband and housing - carbon steel screw. There are cutting pads at 6 ft. intervals for special applications.



Part No.	Size	Tube Length	Kit Includes	Quantity	
				L1	L2
SPDKU125-24	1-1/4"	24'	1-1/4" Adapter & 1-1/4" x 1-1/2" Adapter	8	72

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

