

SECTION 13

SUMP & SEWAGE ACCESSORIES

Prevents backup and ensures longevity of the system



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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



Pump Down, Voltage: 120 VAC

850H-10	10'	24	
850H-20	20'	20	
850H-30	30'	12	
850H-50	50'	12	



Pump Up, Voltage: 120 VAC

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



Flat Water Sensor

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	1	40
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Probe Water Sensor

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	1	40
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Cable Clip Nylon,

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
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Release Cable Tie Nylon,

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
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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
Pump Down, Voltage: 120 VAC, Housing: Polypropylene				
862D-120-10	10'	1/2hp @ 120V	10	
862D-120-15	15'	1/2hp @ 120V	10	
862D-120-20	20'	1/2hp @ 120V	10	
Pump Up, Voltage: 120 VAC, Housing: Polypropylene				
862U-120-10	10'	1/2hp @ 120V	10	
862U-120-15	15'	1/2hp @ 120V	10	
862U-120-20	20'	1/2hp @ 120V	10	
Pump Down, Voltage: 120 VAC, Housing: PVC				
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	
Pump Up, Voltage: 120 VAC, Housing: PVC				
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	
Pump Down, Voltage: 120 VAC, Housing: PVC				
870D-120-10	10'	1hp @ 120V	24	
870D-120-20	20'	1hp @ 120V	24	
870D-120-30	30'	1hp @ 120V	12	
Pump Up, Voltage: 120 VAC, Housing: PVC				
870U-120-10	10'	1hp @ 120V	24	
870U-120-20	20'	1hp @ 120V	24	
870U-120-30	30'	1hp @ 120V	12	
Pump Down, Voltage: 240 VAC, Housing: PVC				
860D-240-10	10'	1hp @ 240V	1	24
860D-240-15	15'	1hp @ 240V	24	
860D-240-20	20'	1hp @ 240V	24	
Pump Up, Voltage: 240 VAC, Housing: PVC				
860U-240-10	10'	1hp @ 240V	1	24
860U-240-15	15'	1hp @ 240V	24	
860U-240-20	20'	1hp @ 240V	24	
Pump Down, Voltage: 240 VAC, Housing: PVC				
870D-240-10	10'	2hp @ 240V	1	24
870D-240-20	20'	2hp @ 240V	24	
870D-240-30	30'	2hp @ 240V	12	
Pump Up, Voltage: 240 VAC, Housing: PVC				
870U-240-10	10'	2hp @ 240V	24	
870U-240-20	20'	2hp @ 240V	24	
870U-240-30	30'	2hp @ 240V	12	

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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
Pump Down, Voltage: 120 VAC				
• Two wire connection				
880NO-10	10'	1/4hp @ 120V	24	
880NO-15	15'	1/4hp @ 120V	1	
880NO-20	20'	1/4hp @ 120V	24	
880NO-30	30'	1/4hp @ 120V	12	



Pump Up, Voltage: 120 VAC				
• Two wire connection				
880NC-10	10'	1/4hp @ 120V	1	24



Pump Up or Pump Down, Voltage: 120 VAC				
• 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.

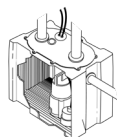
Part No.	Quantity		Part No.	Quantity	
	L1	L2		L1	L2
PVC, • Uses a clip to hold the cord in place					
890-AW	1	8	Zinc Plated Cast Iron, • Two halves are held together with a bolt • Internal grip rings prevent slippage		
					
			890-AW-CI	40	

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
Polypropylene		
SPWB-10	1	

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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
Standard , Comp				
17SCC-12*	1-1/4"	125 PSI @ 72°F	12	384
17SCC-15	1-1/2"	150 PSI @ 72°F	12	
17SCC-20	2"	150 PSI @ 72°F	12	
17SCC-30*	3"	125 PSI @ 72°F	2	
17SPCV-1215	1-1/2" or 1-1/4"	150 PSI @ 72°F	12	
Quiet , Comp				
17QSCC-15	1-1/2"	150 PSI @ 72°F	12	
17QSCC-20	2"	150 PSI @ 72°F	12	
Standard , Slip				
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		
Quiet , Slip				
17QSCS-20	2"	150 PSI @ 72°F	6	
17QSCS-15	1-1/2"	150 PSI @ 72°F	9	
Standard , Slip Union				
17SCTU-15	1-1/2"	150 PSI @ 72°F	12	
17SCTU-20	2"	150 PSI @ 72°F	12	
Quiet , Slip Union				
17QSCTU-15	1-1/2"	150 PSI @ 72°F	12	
17QSCTU-20	2"	150 PSI @ 72°F	12	

* Not manufactured by Boshart Industries

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
Inlet: Comp, Outlet: Comp					
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	
17SCBV-20UC	2"	2"	Standard	6	
Inlet: Slip Union, Outlet: Slip					
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	
17SCBV-20SU	2"	2"	Standard	6	
Inlet: Slip Union, Outlet: Slip Union					
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
Inlet: MPT, Outlet: Barb or Spigot					
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	
Inlet: MPT, Outlet: Barb or Spigot					
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	
Inlet: MPT, Outlet: Spigot					
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	
Inlet: MPT, Outlet: Spigot					
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	

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SUMP PUMP CHECK VALVES



Part No.	Inlet	Outlet	Design	Quantity	
				L1	L2
Inlet: MPT, Outlet: FRC					
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	
Inlet: MPT, Outlet: FRC					
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	
Inlet: MPT, Outlet: Barb					
BSC-150-150B	1-1/2"	1-1/2"	Standard	20	
Inlet: MPT, Outlet: Barb					
BSC-150-150B-AR	1-1/2"	1-1/2"	Air Release	20	
Inlet: FRC, Outlet: FRC					
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	
Inlet: Spigot, Outlet: Spigot					
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
Inlet: FRC, Outlet: FRC					
BSC-200-SB	2"	2"	Standard	12	528

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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
Slip			
171530-20	2"	8	
171530-30	3"	4	
171530-40	4"	2	

SUMP PUMP DISCHARGE KIT

Boshart's sump pump discharge kit includes 24 ft. of corrugated polyethylene sump pump tubing, plastic adapter(s) and one clamp 301 stainless band 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

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