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Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

## 922 PREPACKAGED SYSTEMS

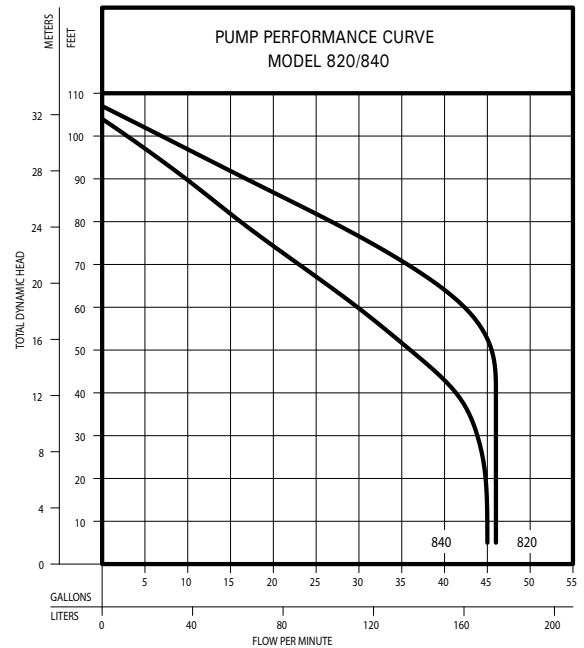
### MODEL 820/840 SHARK® SERIES GRINDER PUMPS

#### Shark® Series Grinder Pumps

- 820 – 2HP, 200-230 Volt/1 Phase, 14.5 FLA
- 840 – 2 HP, 230 Volt/1 Phase, 17.2 FLA, REVERSING
- 20' Power cord
- Corrosion resistant powder coated epoxy finish
- Discharge size - 1-1/4" NPT
- Oil-Filled - hermetically sealed motor
- Hardened 440C stainless steel cutter and disc
- Vortex impeller – engineered thermoplastic (820) or ductile iron (840).

#### Control Panel

- NEMA 4X watertight enclosure with lockable latch
- Motor contactor (Not available for plugger panel)
- Automatic reversing circuit (840 ONLY)
- Capacitors and motor starting relay (840 ONLY)
- Red alarm light & audible alarm (83 to 85 decibel rating)
- Horn silence and alarm test toggle switches
- Lockable latch
- Dry auxiliary contact
- 10-4012 – Indoor A-Park Alarm used with 922-0009 indoor package system. Includes float switch and power cord.
- 91104-0002 – Outdoor A-Park Alarm used with WDH820 outdoor package system. Includes float switch and power cord.

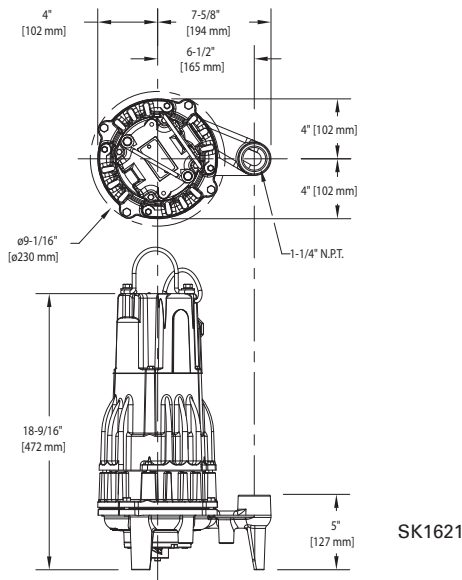


#### Float Switch

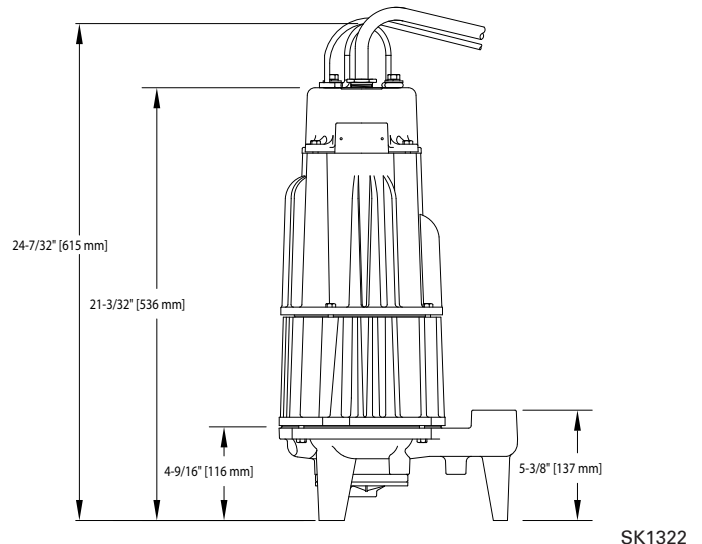
- EI820 or E840 Systems - (3) 20' Clamp mounted float switches
- WDH820 System - (1) 20' High Water Switch

157081

#### Model 820 - Single Directional



#### Model 840 - Auto - Reversing



Note: Consult factory for other basin configurations or custom built package systems.

## Basin Specifications

### Fiberglass Basin Assembly

- Solid fiberglass cover
- Anti-flotation device
- 2" Sch 80 discharge piping
- Float Tree
- 2" Ball and check valve installed
- 4" Inlet pipe seal loose for field install
- Stainless steel lifting cable

### Polyethylene Basin Assembly

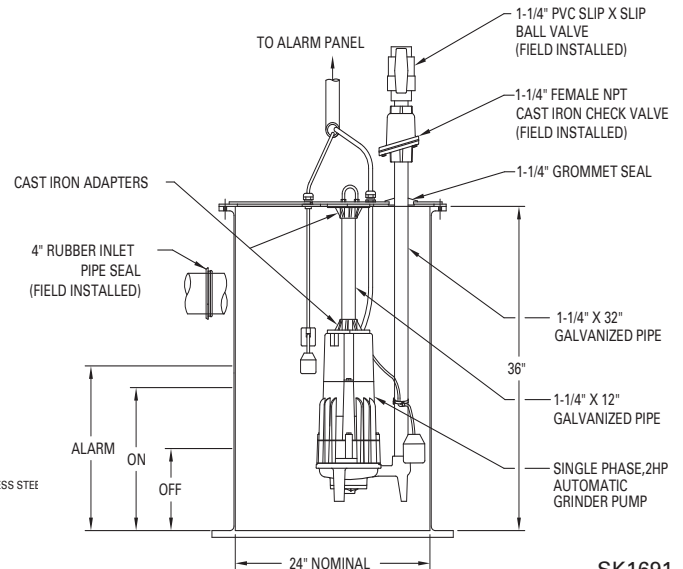
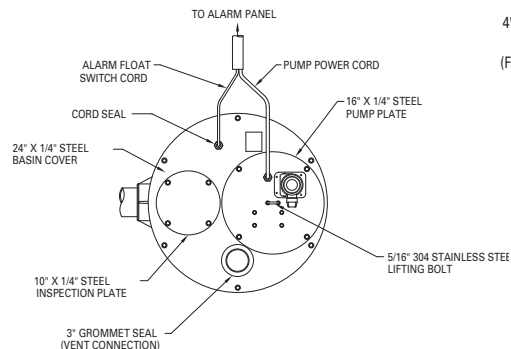
- Solid fiberglass cover
- Anti-flotation device
- 2" Sch 80 discharge piping
- Float Tree
- 2" Ball and check valve installed
- 4" Inlet pipe seal loose for field install
- Stainless steel lifting cable

## 820/840 SELECTION GUIDE

Pump Model	Indoor/ Outdoor	Simplex/ Duplex	Basin			Discharge Depth	Cord Lengths	Part Number
			Diameter	Depth	Material			
WDH820	Indoor	Simplex	24"	36"	Fiberglass	Cover	20'	922-0009
	Outdoor	Simplex	24"	48"	Fiberglass	12"	20'	922-0094
EI820	Outdoor	Simplex	30"	48"	Fiberglass	12"	20'	922-0096
			24"	60"	Fiberglass	24"	20'	922-0066
			24"	72"	Fiberglass	24"	20'	922-0067
			24"	84"	Fiberglass	48"	20'	922-0095
			24"	84"	Fiberglass	48"	50'	922-0081
			24"	96"	Fiberglass	48"	50'	922-0082
			30"	72"	Polyethylene	27"	20'	922-0071
			30"	84"	Polyethylene	39"	20'	922-0072
		Duplex	36"	48"	Fiberglass	19"	20'	922-0098
			36"	72"	Fiberglass	36"	20'	922-0099
E840	Outdoor	Simplex	24"	60"	Fiberglass	24"	20'	922-0068
			24"	72"	Fiberglass	24"	20'	922-0069
			30"	72"	Polyethylene	27"	20'	922-0073
			30"	84"	Polyethylene	27"	20'	922-0074
		Duplex	36"	60"	Fiberglass	24"	20'	922-0065

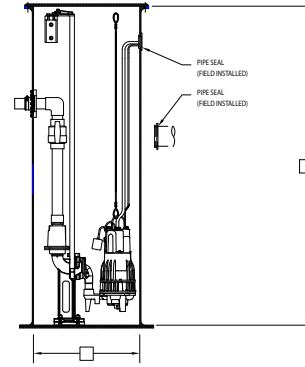
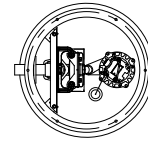
## Indoor 922-0009

Included:	
820-0011	WDH820, 230 Volt 1 Phase, 20' cord
10-4012	Indoor A-Pak Alarm
10-0689	Weight Assembly
32-0011	24" x 36" Basin Assembly



SK1691

# Outdoor Simplex System - Fiberglass



SK3441

<input type="checkbox"/> <b>922-0094 Includes:</b>	
820-0011	WDH820, 230 Volt 1 Phase, 20' cord
91104-0002	Outdoor A-Pak Alarm
33-2364	24" x 48" Basin Assembly
<input type="checkbox"/> <b>922-0096 Includes:</b>	
820-0011	WDH820, 230 Volt 1 Phase, 20' cord
91104-0002	Outdoor A-Pak Alarm
33-2365	30" x 48" Basin Assembly

<input type="checkbox"/> <b>922-0066 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-2057	24" x 60" Basin Assembly
<input type="checkbox"/> <b>922-0067 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-2163	24" x 72" Basin Assembly

<input type="checkbox"/> <b>922-0095 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-2066	24" x 84" Basin Assembly

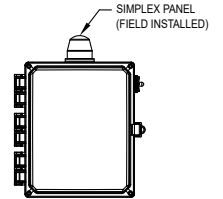
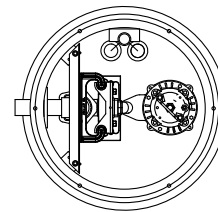
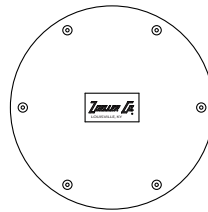
<input type="checkbox"/> <b>922-0081 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 50' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-1879	50' Float Switch
33-2066	24" x 84" Basin Assembly

<input type="checkbox"/> <b>922-0082 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 50' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-1879	50' Float Switch
33-2372	24" x 96" Basin Assembly

<input type="checkbox"/> <b>922-0097 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-2093	30" x 84" Basin Assembly

<input type="checkbox"/> <b>922-0068 Includes:</b>	
840-0004	E840, 230 Volt 1 Phase, 20' cord
23734-0001	Simplex Pivot Reversing Panel
(3) 10-0744	20' Float Switch
33-2057	24" x 60" Basin Assembly

SOLID FIBERGLASS COVER



1/8" 302 STAINLESS STEEL LIFTING CABLE

FLOAT TREE ASSEMBLY

FLEX BOOT FITTING  
(LOCATION VARIES  
WITH BASIN DEPTH)

BALL VALVE

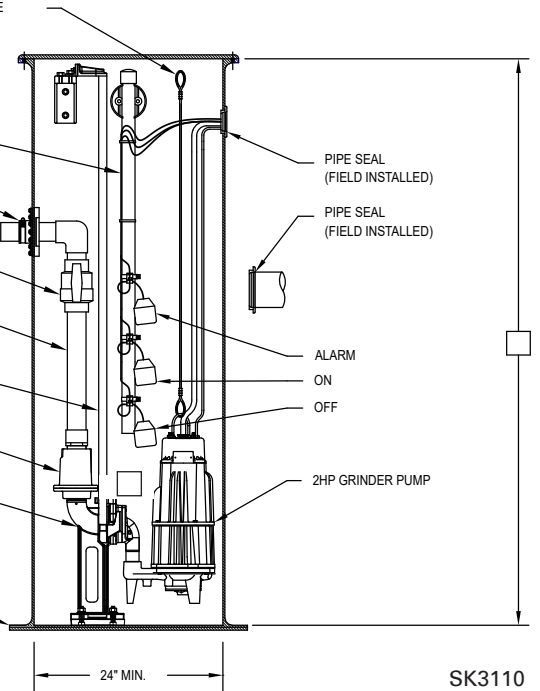
DISCHARGE PIPING

GUIDE RAILS

CHECK VALVE

Z-RAIL BASE ELBOW

FIBERGLASS AFD



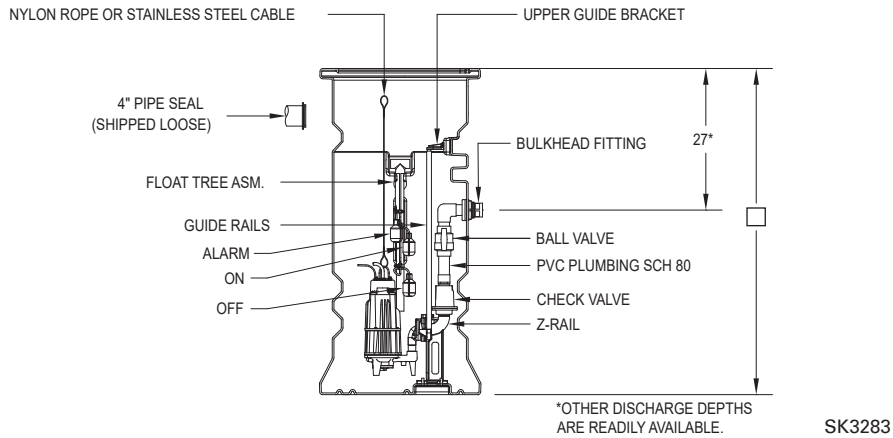
SK3110

<input type="checkbox"/> <b>922-0069 Includes:</b>	
840-0004	E840, 230 Volt 1 Phase, 20' cord
23734-0001	Simplex Pivot Reversing Panel
(3) 10-0744	20' Float Switch
33-2163	24" x 72" Basin Assembly

## Outdoor Simplex System - Polyethylene

<input type="checkbox"/> <b>922-0071 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-3735	30" x 72" Basin Assembly
<input type="checkbox"/> <b>922-0072 Includes:</b>	
820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
31324-0001	Simplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-3735	30" x 72" Basin Assembly
31-2949	30" x 12" Riser

<input type="checkbox"/> <b>922-0073 Includes:</b>	
840-0004	E840, 230 Volt 1 Phase, 20' cord
23734-0001	Simplex Pivot Reversing Panel
(3) 10-0744	20' Float Switch
33-2057	30" x 72" Basin Assembly
<input type="checkbox"/> <b>922-0074 Includes:</b>	
840-0004	E840, 230 Volt 1 Phase, 20' cord
23734-0001	Simplex Pivot Reversing Panel
(3) 10-0744	20' Float Switch
33-3735	30" x 72" Basin Assembly
31-2949	30" x 12" Riser



## Outdoor Duplex System - Fiberglass

<input type="checkbox"/> <b>922-0098 Includes:</b>	
(2) 820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
32324-0001	Duplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-2108	36" x 48" Basin Assembly
<input type="checkbox"/> <b>922-0099 Includes:</b>	
(2) 820-0004	EI820, 200-230 Volt 1 Phase, 20' cord
32324-0001	Duplex Pivot Control Panel
(3) 10-0744	20' Float Switch
33-2184	36" x 72" Basin Assembly
<input type="checkbox"/> <b>922-0065 Includes:</b>	
(2) 840-0004	E840, 230 Volt 1 Phase, 20' cord
24734-0001	Duplex Pivot Reversing Panel
(3) 10-0744	20' Float Switch
33-2111	36" x 60" Basin Assembly

