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



**SECTION: 2.50.070** FM2112

1206 Supersedes 0603

Zoeller Family of Water Solutions™

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# TURNKEY PREPACKAGED & JOB READY GRINDER SYSTEMS 2HP / 230 VOLTS-1 PHASE MODELS WD820 OR E840 FIBERGLASS OR POLY RIBBED BASINS

## Fiberglass Basin Assemblies Include:

- 1 2HP Grinder Pump / 230 Volts 1 Phase
- 1 Alarm Panel with Float Switch for WD820 Systems or Simplex Control Panel with Auto Reversing for E840 Systems
- 1 Junction Box
- 3 Float Switches (E840 Systems only)
- 1 Packaged Basin Assembly including:

Fiberglass Basin with Antifloatation Device and Solid Fiberglass Cover

11/4" Discharge Piping

Square Guide Rail System

Check and Ball Valves

Inlet, Discharge and Electrical Fittings

Stainless Steel Lifting Cable and Lifting Rod



ITEM NO.	PUMP MODEL	DESCRIPTION	VOLTAGE	WGT.
922-0005	WD820	Simplex Grinder Package System - 24" X 60" FG	230V-1 Ph	321
922-0007	WD820	Simplex Grinder Package System - 24" X 72" FG	230V-1 Ph	335
922-0006	E840	Simplex Grinder Package System - 24" X 60" FG	230V-1 Ph	391
922-0010	E840	Simplex Grinder Package System - 24" X 60" FG (Dual Alarm)*	230V-1 Ph	391
922-0008	E840	Simplex Grinder Package System - 24" X 72" FG	230V-1 Ph	405
922-0011	E840	Simplex Grinder Package System - 24" X 72" FG (Dual Alarm)*	230V-1 Ph	405

HIGH WATER ALARM (FIELD INSTALLED) SOLID FIBERGLASS COVER STAINLESS STEEL FLOAT HOOK 1/8" 302 STAINI ESS COUPLING 3/8" X 1' 416 STAINLESS STEEL PULL ROD 1 1/4" NPT BRASS 28" MIN. OR PER STATE AND LOCAL CODES DISCONNECT FITTING 1/4" PVC SLIP X SLIP BALL VALVE TO CONTROL PANEL 4" RUBBER INLET PIPE SEAL (FIELD INSTALLED) \*OTHER BASIN SIZES ARE READILY AVAILABLE 1 1/2" SQ. GUIDE RAIL
 304 STAINLESS STEEL 16 GA. 1 1/4" BULK HEAD DISCHARGE FITTING CAST IRON MOUNT BRACKET 1 1/4" FEMALE NPT --CAST IRON CHECK VALVE PUMP CONTROL "ON - OFF" FLOAT 1 1/4" GALVANIZED DISCHARGE PIPE FIBERGLASS BASIN CAST IRON RAIL BASE PLATE SK1670A

\*Dual Alarm is an audible and visual alert.

## FIBERGLASS BASIN PACKAGE

#### NOTES:

The drawing shown represents an automatic WD820 System. The E840 System, utilizing a remote mounted control panel and float switches, has a slight variation (see FM1508).

The Pump, Panel and Inlet Hub are Field Installed.

Note: All variable level float switches in this section are mechanically activated and do not contain mercury.

# **TURNKEY PREPACKAGED & JOB READY GRINDER SYSTEMS (Continued)**

## Poly Ribbed Basin Assemblies Include:

- 1 2HP Grinder Pump / 230 Volts 1 Phase
- 1 Alarm Panel with Float Switch for WD820 Systems or Simplex Control Panel with Auto Reversing for E840 Systems
- 1 Junction Box
- 3 Float Switches (E840 Systems only)
- 1 Packaged Basin Assembly including:

Poly Ribbed Basin with Blank Polyethylene Cover

11/4" Discharge Piping

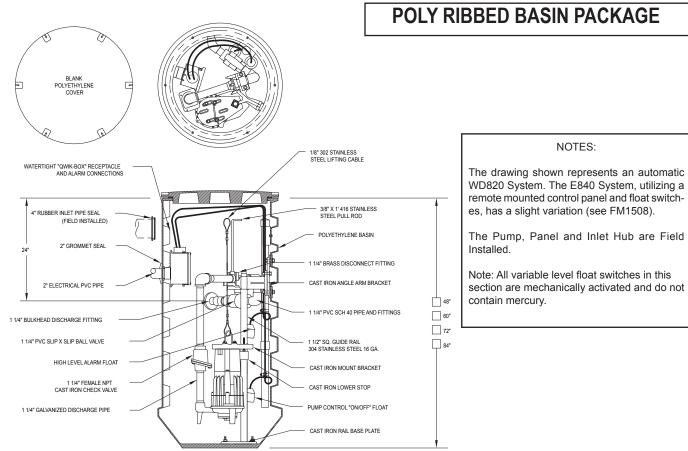
Square Guide Rail System

Check and Ball Valves

Inlet, Discharge and Electrical Fittings

Stainless Steel Lifting Cable and Lifting Rod

ITEM NO.	PUMP MODEL	DESCRIPTION	VOLTAGE	WGT.
922-0012	WD820	Simplex Grinder Package System - 24" X 48" Poly	230V-1 Ph	311
922-0013	WD820	Simplex Grinder Package System - 24" X 60" Poly	230V-1 Ph	326
922-0014	WD820	Simplex Grinder Package System - 24" X 72" Poly	230V-1 Ph	332
922-0015	WD820	Simplex Grinder Package System - 24" X 84" Poly	230V-1 Ph	367
922-0016	E840	Simplex Grinder Package System - 24" X 48" Poly	230V-1 Ph	367
922-0017	E840	Simplex Grinder Package System - 24" X 60" Poly	230V-1 Ph	382
922-0018	E840	Simplex Grinder Package System - 24" X 72" Poly	230V-1 Ph	388
922-0019	E840	Simplex Grinder Package System - 24" X 84" Poly	230V-1 Ph	423.5



SK2236