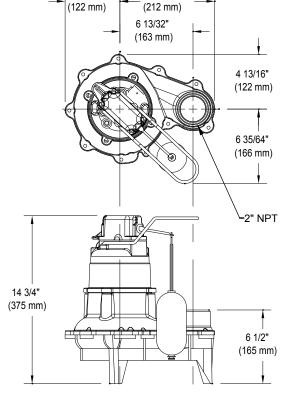
Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies. SECTION: 2.20.020 FM2788 0515 Supersedes 0814

**PUMP COMPANY** Zoeller Family of Water Solutions<sup>™</sup>

# TECHNICAL DATA SHEET WASTE - MATE SERIES Model 264 Sewage/Effluent or Dewatering Pumps

### **PRODUCT SPECIFICATIONS**

æ	Horse Power	4/10			
	Voltage	115 or 230			
	Phase	1 Ph			
2	Hertz	60 Hz			
MOTOR	RPM	1725			
Σ	Туре	Permanent split capacitor			
	Insulation	Class B			
	Amps	4.7 - 9.4			
	Operation	Automatic or nonautomatic			
	Auto On/Off Points	12-1/2" (31.8 cm) / 4-1/2" (11.4 cm)			
	Discharge Size	2" NPT			
	Solids Handling	2" (50 mm) spherical solids			
<b>4</b>	Cord Length	15' (5 m) standard			
PUMP	Cord Type	UL listed cord and plug			
P I	Max. Head	18' (5.5 m)			
	Max. Flow Rate	90 GPM (341 LPM)			
	Max. Operating Temp.	130° F (54° C)			
	Cooling	Oil filled			
	Motor Protection	Auto reset thermal overload			
	Сар	Cast iron			
	Motor Housing	Cast iron			
	Pump Housing	Cast iron			
	Base	Engineered plastic			
ပ	Upper Bearing	Sleeve bearing			
AL	Lower Bearing	Sleeve bearing			
B	Mechanical Seals	Carbon and ceramic			
MATERIALS	ImpellerType	Non-clogging vortex			
	Impeller	Engineered plastic			
	Hardware	Stainless steel			
	Motor Shaft	A151 1215 Steel			
	Gasket	Neoprene or Buna-N			
	Min. Basin Size	Simplex: 18" x 30" (45.7 x 76.2 cm) Duplex: 30" x 36" (76.2 x 91.4 cm)			



8 21/64"

4 13/16"

S1643

NOTE: The sizing of effluent systems normally requires variable level float(s) controls and properly sized basins to achieve required pumping cycles or dosing timers with nonautomatic pumps.

NOTE: See model comparison chart for specific details.

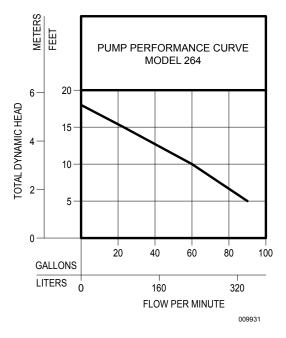






## TOTAL DYNAMIC HEAD FLOW PER MINUTE

MOE	DEL	264			
Feet	Meters	Gallons	Liters		
5	1.5	90	341		
10	3.0	60	227		
15	4.6	23	87		
Sh	ut-off Head:	18 ft (5.5 m)			



Model	MODEL COMPARISON										
	Seal	Mode	Volts	Ph	Amps	HP	Hz	Lbs	Kg	Simplex	Duplex
M264	Single	Auto	115	1	9.4	4/10	60	35.5	16.0	1	4
N264	Single	Non	115	1	9.4	4/10	60	34.5	15.6	2 or 3	4
*BN264	Single	Auto	115	1	9.4	4/10	60	40.0	18.0		
D264	Single	Auto	230	1	4.7	4/10	60	35.5	16.0	1	4
E264	Single	Non	230	1	4.7	4/10	60	34.5	15.6	2 or 3	4
*BE264	Single	Auto	230	1	4.7	4/10	60	40.0	18.0		

\*Single piggyback switch included.

Additional cord lengths are available in 25' (8 m) and 35' (11 m). 50' (15 m) cords are available for 230 V units only.

#### **SELECTION GUIDE**

- 1. Integral float-operated mechanical switch, no external control required.
- 2. For automatic use single piggyback variable level float switch or double piggyback variable level float switch. Refer to FM0477.
- 3. See FM1228 for correct model of simplex control panel.
- 4. See FM0712 for correct model of duplex control panel or FM1663 for a residential alternator system.

### **CONSULT FACTORY FOR SPECIAL APPLICATIONS**

- Electrical alternators for duplex systems available with variable level float switches
- Minimum recommended basin size Simplex - 18"x30" (45.7 x 76.2 cm) Duplex - 30"x36" (76.2 x 91.4 cm)
- Standard automatic weight 35.5 lbs. (16.1 kg)
- High water alarms available
- Mechanical alternators available for duplex systems

▲ CAUTION Maximum temperature of sewage or dewatering must be limited to 130°F (54°C). For over 130°F (54°C), special quotation required.  For "M" and "D" models, the approximate volume pumped per cycle are:

Tank Diameter	Volume Pumped
18″ (45.7 cm) Simplex	8 Gallons (30 liters)
24″ (61 cm) Simplex	15 Gallons (57 liters)
30″ (76.2 cm) Duplex	22 Gallons (83 liters)
36″ (91.4 cm) Duplex	33 Gallons (125 liters)
48" (121.9 cm) Duplex	60 Gallons (227 liters)

**CAUTION** All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).