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

## Pivot®, Pivot® Pro, Pivot® Pro+ Selection Guide

### NEMA 4X Simplex & Duplex Pump Control Panels, 1-60 BHP

### *Commercial Duty, Heavy Duty Solids Handling, and Grinder Pumps*

#### Pivot, 1Ph only, Simplex and Duplex

##### Standard Features:

1. NEMA 4X 12"X10"X6" enclosure with lockable hasp
2. cULus and cCSAus certified to standard UL508
3. Input power terminal block
4. Float switch terminal block
5. Ground lug
6. IEC rated motor contactors
7. Control circuit powered by 115VAC, 60Hz
8. Independent alarm circuit powered by 115VAC, 60Hz (can use separate power feed than control circuit)
9. Separate control and alarm circuit fuses
10. External red globe for alarms. Selectable options are solid, flashing, and alarm based.
11. Audible alarm horn is 95dB at 2' (0.6m). Selectable for either Auto reset or Latching (manual alarm reset).
12. External alarm test and silence switch
13. User interface buttons and leds
14. Float status indicator LED indicators
15. Float smart logic prioritizes pump operation even when floats fail.
16. Pump-Run LED indicators
17. Non-simultaneous pump start
18. Pump-run dry contact, normally open
19. Form C auxiliary output dry contact for alarm conditions
20. Smart HAND-OFF-AUTO (HOA).
  - Selection: Service Off (alarm active), Permanent Off (alarm inactive)
  - Simplex Mode, Duplex Mode (simultaneous pump-run enabled), Alternating Mode (simultaneous pump-run not enabled)
  - Selection: 3 or 4 float, SLLH or SLHL float order

##### 21. Alarms:

- High water
- High voltage
- Disabled alarm circuit
- Float fault
- Continuous pump run
- Service off timeout
- Failed contactor

##### 22. USB access to:

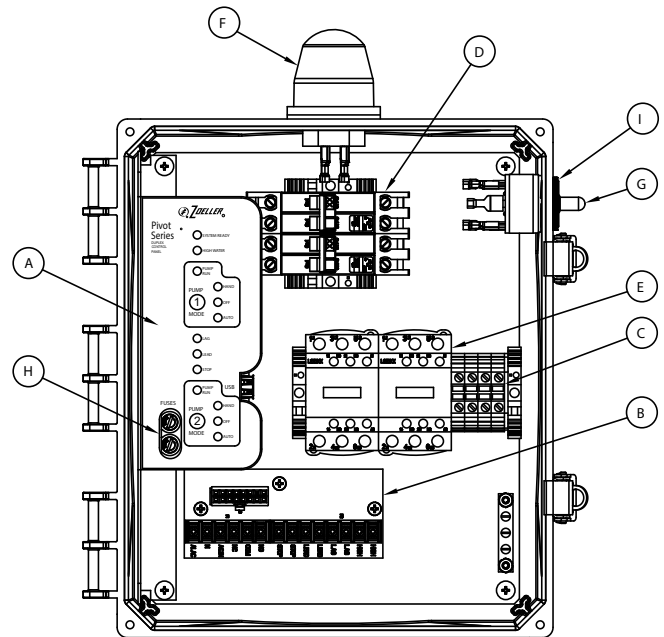
- Elapsed Time Meter
- Event Counter

##### 23. Configurable settings:

- Simplex or duplex mode USB only
- 3 or 4 floats USB only
- Float order SLLH, SLHL USB and PCB Pin 5
- Smart or relay logic USB and PCB Pin 1
- Alarm based, solid, or blinking globe USB and PCB Pin 4
- Active or latching alarm USB only
- Continuous run timer USB and PCB Pin 2
- HOA hand timer USB and PCB Pin 3
- HOA service off alarm timer USB and PCB Pin 3

##### 24. Limited warranty: 5 years

\*Pivot panels are only offered with standard features above. For additional features, upgrade to Pivot Pro. For any other options not shown, please refer to Pivot Pro+ Series.



Pivot 1Ph Duplex

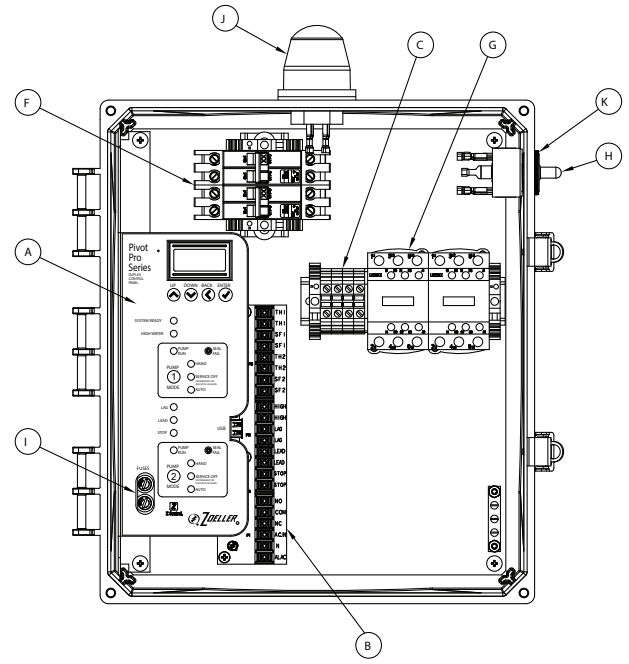
- A) User Interface
- B) Terminal Board
- C) Pump Power Terminals (TB1)
- D) Pump Circuit Breakers
- E) Motor Contactors
- F) Globe
- G) Test/Silence/Reset Switch
- H) Fuses
- I) Buzzer

## Pivot Pro, 1Ph and 3Ph

Includes all Standard Pivot features shown above with these additional features:

1. Multi-tap transformer (3 Ph)
2. Pump circuit breaker (1 Ph and 3 Ph) or overload (3 Ph)
3. User interface with LCD screen/menu, buttons, LEDs, & seal fail indicator with adjustment screw
4. Horn/globe/display latching
5. Thermal cutout indication
6. Dry Contact alarms additionally include Seal/Thermal conditions
7. Alternator 1-2 selector switch (lead/lag selector switch)
8. Z Control® enabled for remote monitoring/control and alert notifications (purchase of gateway required)
9. Additional alarms:
  - Seal fail (moisture) alarm, adjustable sensitivity
  - Thermal indicator trip alarm
  - Tripped overload (3 Ph only)

Pivot Pro Panels are only offered with standard features of Pivot and those listed above. For additional options, please see Pivot Pro+.



Pivot Pro 1Ph Duplex

- A) User Interface
- B) Terminal Board
- C) Pump Power Terminals (TB1)
- D) Transformer (3 Ph Only)
- E) Overloads (3 Ph Only)
- F) Circuit Breakers (1Ph Only)
- G) Motor Contactors
- H) Test/Silence/Reset Switch
- I) Fuses
- J) Globe
- K) Alarm Buzzer

## Pivot Pro+, 1Ph and 3Ph

Standard features include everything on Pivot Pro models. Pivot Pro+ models are built in a larger enclosure to allow selection of options below.

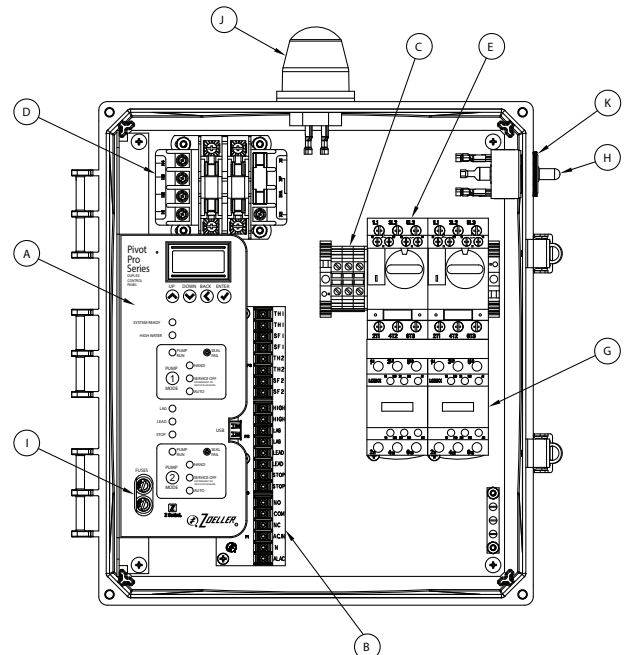
Pivot Pro+ now available with Start Kits and Reversing functionality

Future options for Pivot Pro+:

1. Anti-condensation heater
2. Generator receptacle
3. Intrinsically safe circuits
4. Time dosing

The following options require a custom panel order:

1. Inner door
2. Main disconnect
3. Outer door mounted indicators and switches
4. Variable Frequency Drives (VFD)
5. Lightning arrestor
6. Stainless steel enclosure



Pivot® Pro 3Ph Duplex

## Control Panel Selection Guide

NEMA 4X Simplex & Duplex Pump Control Panels, 1-60 BHP  
**Commercial Duty, Heavy Duty Solids Handling, and Grinder Pumps**

### Pivot and Pivot Pro Panels

| Page | Category  |
|------|---|
| 4    | Standard Commercial Duty Effluent Ejectors            |
| 5    | Standard Commercial Duty Sewage Ejectors              |
| 6    | Standard Solids Handling Pumps 61 HD Series, 1-10 BHP |
| 7    | Standard Solids Handling Pumps 62 HD Series, 5-20 BHP |
| 7    | Standard Solids Handling Pumps 64 HD Series           |
| 8    | Grinder Pumps, 1-15 BHP Single Direction              |
| 8    | Grinder Pumps, 2-7.5 BHP Reversing                    |

### LPS Panels

| Page | Category                                    |
|------|---|
| 9    | Low Pressure Sewer Progressing Cavity Pumps |

### Intrinsically Safe Panels (These Are Non-Pivot, "10-" Panels)

| Page | Category  |
|------|---|
| 9    | Explosion Proof Commercial Duty Effluent Ejectors             |
| 9    | Explosion Proof Commercial Duty Sewage Ejectors               |
| 10   | Explosion Proof Solids Handling Pumps X61 HD Series, 1-10 BHP |
| 11   | Explosion Proof Solids Handling Pumps X62 HD Series, 5-20 BHP |
| 11   | Explosion Proof Solids Handling Pumps X64 HD Series           |
| 12   | Explosion Proof Grinder Pumps, 2-7.5 BHP Single Direction     |
| 12   | Explosion Proof Grinder Pumps, 2-7.5 BHP Reversing            |

*Zoeller offers a full line of custom control panels. For options not shown here or applications that require additional specifications, please contact us at [zcotechnical@zoeller.com](mailto:zcotechnical@zoeller.com) or 800-928-7867.*

**Standard Commercial Duty Effluent Pumps**

| Pump Specifications |         |       |      | Simplex Panels |            |            | Duplex Panels |            |
|---------------------|---------|-------|------|----------------|------------|------------|---------------|------------|
| Model               | Voltage | Phase | Amps | Amp Range      | Pivot      | Pivot Pro  | Pivot         | Pivot Pro  |
| N6155               | 115     | 1     | 10.5 | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| E6155               | 230     | 1     | 5.3  | 0-7            | 31314-0001 | 11314-0001 | 32314-0001    | 12314-0001 |
| N6161               | 115     | 1     | 15.5 | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| J6161               | 200     | 3     | 6.4  | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| F6161               | 230     | 3     | 5.2  | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| G6161               | 460     | 3     | 2.9  | 2.5-4          |            | 114C4-0001 |               | 124C4-0001 |
| BA6161              | 575     | 3     | 2.4  | 1.6-2.5        |            | 116B4-0001 |               | 126B4-0001 |
| N6163               | 115     | 1     | 15   | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| J6163               | 200     | 3     | 6    | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| F6163               | 230     | 3     | 4.8  | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| G6163               | 460     | 3     | 2.9  | 2.5-4          |            | 114C4-0001 |               | 124C4-0001 |
| BA6163              | 575     | 3     | 2.4  | 1.6-2.5        |            | 116B4-0001 |               | 126B4-0001 |
| I6186               | 200     | 1     | 17.2 | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| E6186               | 230     | 1     | 13.7 | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| J6186               | 200     | 3     | 10.3 | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| F6186               | 230     | 3     | 9.2  | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| G6186               | 460     | 3     | 4.6  | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| BA6186              | 575     | 3     | 3.6  | 2.5-4          |            | 116C4-0001 |               | 126C4-0001 |
| I6188               | 200     | 1     | 16.8 | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| E6188               | 230     | 1     | 14   | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| J6188               | 200     | 3     | 10.3 | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| F6188               | 230     | 3     | 8.9  | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| G6188               | 460     | 3     | 4.6  | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| BA6188              | 575     | 3     | 3.5  | 2.5-4          |            | 116C4-0001 |               | 126C4-0001 |
| I6189               | 200     | 1     | 20.5 | 20-30          | 31344-0001 | 11344-0001 | 32344-0001    | 12344-0001 |
| E6189               | 230     | 1     | 17.1 | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| J6189               | 200     | 3     | 13.2 | 13-18          |            | 114G4-0001 |               | 124G4-0001 |
| F6189               | 230     | 3     | 11.2 | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| G6189               | 460     | 3     | 6    | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| BA6189              | 575     | 3     | 5.8  | 4-6.3          |            | 116D4-0001 |               | 126D4-0001 |

| Standard Commerical Duty Sewage Ejectors |         |       |          |                |            |            |               |            |
|--|---------|-------|----------|----------------|------------|------------|---------------|------------|
| Pump Specifications                      |         |       |          | Simplex Panels |            |            | Duplex Panels |            |
| Model                                    | Voltage | Phase | Tag Amps | Amp Range      | Pivot      | Pivot Pro  | Pivot         | Pivot Pro  |
| N6267                                    | 115     | 1     | 9.4      | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| I6267                                    | 200     | 1     | 6.2      | 0-7            |            | 11314-0001 |               | 12314-0001 |
| E6267                                    | 230     | 1     | 4.7      | 0-7            | 31314-0001 | 11314-0001 | 32314-0001    | 12314-0001 |
| J6267                                    | 200     | 3     | 3.6      | 2.5-4          |            | 114C4-0001 |               | 124C4-0001 |
| F6267                                    | 230     | 3     | 3.3      | 2.5-4          |            | 114C4-0001 |               | 124C4-0001 |
| G6267                                    | 460     | 3     | 2        | 1.6-2.5        |            | 114B4-0001 |               | 124B4-0001 |
| I6284                                    | 200     | 1     | 9.3      | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| E6284                                    | 230     | 1     | 8.9      | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| J6284                                    | 200     | 3     | 5.5      | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| F6284                                    | 230     | 3     | 5        | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| G6284                                    | 460     | 3     | 2.6      | 2.5-4          |            | 114C4-0001 |               | 124C4-0001 |
| N6292                                    | 115     | 1     | 15       | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| J6292                                    | 200     | 3     | 6.4      | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| F6292                                    | 230     | 3     | 5.2      | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| G6292                                    | 460     | 3     | 2.9      | 2.5-4          |            | 114C4-0001 |               | 124C4-0001 |
| BA6292                                   | 575     | 3     | 2.4      | 1.6-2.5        |            | 116B4-0001 |               | 126B4-0001 |
| I6294                                    | 200     | 1     | 17.8     | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| E6294                                    | 230     | 1     | 13.7     | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| J6294                                    | 200     | 3     | 10.8     | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| F6294                                    | 230     | 3     | 9.5      | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| G6294                                    | 460     | 3     | 4.8      | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| BA6294                                   | 575     | 3     | 3.4      | 2.5-4          |            | 116C4-0001 |               | 126C4-0001 |
| I6295                                    | 200     | 1     | 20.5     | 20-30          | 31344-0001 | 11344-0001 | 32344-0001    | 12344-0001 |
| E6295                                    | 230     | 1     | 17.1     | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| J6295                                    | 200     | 3     | 14.3     | 13-18          |            | 114G4-0001 |               | 124G4-0001 |
| F6295                                    | 230     | 3     | 12.2     | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| G6295                                    | 460     | 3     | 6.1      | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| BA6295                                   | 575     | 3     | 4.9      | 4-6.3          |            | 116D4-0001 |               | 126D4-0001 |
| I6404                                    | 200     | 1     | 14.4     | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| E6404                                    | 230     | 1     | 12.9     | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| J6404                                    | 200     | 3     | 13.8     | 13-18          |            | 114G4-0001 |               | 124G4-0001 |
| F6404                                    | 230     | 3     | 10.5     | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| G6404                                    | 460     | 3     | 5.2      | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| I6405                                    | 200     | 1     | 20.2     | 20-30          | 31344-0001 | 11344-0001 | 32344-0001    | 12344-0001 |
| E6405                                    | 230     | 1     | 19       | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| J6405                                    | 200     | 3     | 14.8     | 13-18          |            | 114G4-0001 |               | 124G4-0001 |
| F6405                                    | 230     | 3     | 12.2     | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| G6405                                    | 460     | 3     | 6.1      | 6-10           |            | 114E4-0001 |               | 124E4-0001 |

| Standard Solids Handling Pumps 61 HD Series, 1-10 BHP |         |       |          |                |            |               |
|---|---------|-------|----------|----------------|------------|---------------|
| Pump Specifications                                   |         |       |          | Simplex Panels |            | Duplex Panels |
| Model   | Voltage | Phase | Tag Amps | Amp Range      | Pivot Pro  | Pivot Pro     |
| E6111   | 230     | 1     | 28       | 24-32          | 217R4-0003 | 227R4-0003    |
| J6111   | 200     | 3     | 17.5     | 17-23          | 114H4-0001 | 124H4-0001    |
| F6111   | 230     | 3     | 15.2     | 13-18          | 114G4-0001 | 124G4-0001    |
| G6111   | 460     | 3     | 7.6      | 6-10           | 114E4-0001 | 124E4-0001    |
| BA6111  | 575     | 3     | 6.1      | 6-10           | 116E4-0001 | 126E4-0001    |
| J6112   | 200     | 3     | 25.3     | 24-32          | 114R4-0001 | 124R4-0001    |
| F6112   | 230     | 3     | 22       | 20-25          | 114Q4-0001 | 124Q4-0001    |
| G6112   | 460     | 3     | 11       | 9-14           | 114F4-0001 | 124F4-0001    |
| J6113   | 200     | 3     | 32.2     | 30-40          | 114S4-0001 | 124S4-0001    |
| F6113   | 230     | 3     | 28       | 24-32          | 114R4-0001 | 124R4-0001    |
| G6113   | 460     | 3     | 14       | 13-18          | 114G4-0001 | 124G4-0001    |
| E6120   | 230     | 1     | 6.9      | 6-10           | 217E4-0001 | 227E4-0001    |
| J6120   | 200     | 3     | 4.8      | 4-6.3          | 114D4-0001 | 124D4-0001    |
| F6120   | 230     | 3     | 4.2      | 4-6.3          | 114D4-0001 | 124D4-0001    |
| G6120   | 460     | 3     | 2.1      | 1.6-2.5        | 114B4-0001 | 124B4-0001    |
| E6121   | 230     | 1     | 8.9      | 6-10           | 217E4-0001 | 227E4-0001    |
| J6121   | 200     | 3     | 5.9      | 4-6.3          | 114D4-0001 | 124D4-0001    |
| F6121   | 230     | 3     | 5.1      | 4-6.3          | 114D4-0001 | 124D4-0001    |
| G6121   | 460     | 3     | 2.6      | 2.5-4          | 114C4-0001 | 124C4-0001    |
| E6122   | 230     | 1     | 14.5     | 13-18          | 217G4-0001 | 227G4-0001    |
| J6122   | 200     | 3     | 7.8      | 6-10           | 114E4-0001 | 124E4-0001    |
| F6122   | 230     | 3     | 6.8      | 6-10           | 114E4-0001 | 124E4-0001    |
| G6122   | 460     | 3     | 3.4      | 2.5-4          | 114C4-0001 | 124C4-0001    |
| BA6122  | 575     | 3     | 2.7      | 2.5-4          | 116C4-0001 | 126C4-0001    |
| E6123   | 230     | 1     | 17       | 17-23          | 217H4-0001 | 227H4-0001    |
| J6123   | 200     | 3     | 11       | 9-14           | 114F4-0001 | 124F4-0001    |
| F6123   | 230     | 3     | 9.6      | 9-14           | 114F4-0001 | 124F4-0001    |
| G6123   | 460     | 3     | 4.8      | 4-6.3          | 114D4-0001 | 124D4-0001    |
| BA6123  | 575     | 3     | 3.9      | 2.5-4          | 116C4-0001 | 126C4-0001    |
| E6124   | 230     | 1     | 28       | 24-32          | 217R4-0002 | 227R4-0002    |
| J6124   | 200     | 3     | 17.5     | 17-23          | 114H4-0001 | 124H4-0001    |
| F6124   | 230     | 3     | 15.2     | 13-18          | 114G4-0001 | 124G4-0001    |
| G6124   | 460     | 3     | 7.6      | 6-10           | 114E4-0001 | 124E4-0001    |
| BA6124  | 575     | 3     | 6.1      | 6-10           | 116E4-0001 | 126E4-0001    |
| J6125   | 200     | 3     | 25.3     | 24-32          | 114R4-0001 | 124R4-0001    |
| F6125   | 230     | 3     | 22       | 20-25          | 114Q4-0001 | 124Q4-0001    |
| G6125   | 460     | 3     | 11       | 9-14           | 114F4-0001 | 124F4-0001    |
| BA6125  | 575     | 3     | 9        | 6-10           | 116E4-0001 | 126E4-0001    |

| Standard Solids Handling Pumps 62 HD Series, 5-20 BHP |         |       |          |                |            |               |
|---|---------|-------|----------|----------------|------------|---------------|
| Pump Specifications                                   |         |       |          | Simplex Panels |            | Duplex Panels |
| Model   | Voltage | Phase | Tag Amps | Amp Range      | Pivot Pro  | Pivot Pro     |
| E6220   | 230     | 1     | 27.5     | 24-32          | 217R4-0001 | 227R4-0001    |
| J6220   | 200     | 3     | 17.5     | 17-23          | 114H4-0001 | 124H4-0001    |
| F6220   | 230     | 3     | 15.2     | 13-18          | 114G4-0001 | 124G4-0001    |
| G6220   | 460     | 3     | 7.6      | 6-10           | 114E4-0001 | 124E4-0001    |
| BA6220  | 575     | 3     | 6.1      | 6-10           | 116E4-0001 | 126E4-0001    |
| E6221   | 230     | 1     | 36.7     | 30-40          | 217S4-0001 | 227S4-0001    |
| J6221   | 200     | 3     | 25       | 24-32          | 114R4-0001 | 124R4-0001    |
| F6221   | 230     | 3     | 22       | 20-25          | 114Q4-0001 | 124Q4-0001    |
| G6221   | 460     | 3     | 11       | 9-14           | 114F4-0001 | 124F4-0001    |
| BA6221  | 575     | 3     | 9        | 6-10           | 116E4-0001 | 126E4-0001    |
| J6222   | 200     | 3     | 32       | 30-40          | 114S4-0001 | 124S4-0001    |
| F6222   | 230     | 3     | 28       | 24-32          | 114R4-0001 | 124R4-0001    |
| G6222   | 460     | 3     | 14       | 13-18          | 114G4-0001 | 124G4-0001    |
| BA6222  | 575     | 3     | 11       | 9-14           | 116F4-0001 | 126F4-0001    |
| J6223   | 200     | 3     | 48.3     | 37-50          | 114T4-0001 | 124T4-0001    |
| F6223   | 230     | 3     | 41.7     | 37-50          | 114T4-0001 | 124T4-0001    |
| G6223   | 460     | 3     | 20.9     | 20-25          | 114Q4-0001 | 124Q4-0001    |
| BA6223  | 575     | 3     | 16.4     | 13-18          | 116G4-0001 | 126G4-0001    |
| J6224   | 200     | 3     | 59.4     | 48-65          | 114U4-0001 | 124U4-0001    |
| F6224   | 230     | 3     | 54       | 48-65          | 114U4-0001 | 124U4-0001    |
| G6224   | 460     | 3     | 27       | 24-32          | 114R4-0001 | 124R4-0001    |
| BA6224  | 575     | 3     | 22       | 20-25          | 116Q4-0001 | 126Q4-0001    |

| Standard Solids Handling Pumps 64 HD Series |         |       |          |                |              |               |
|---|---------|-------|----------|----------------|--------------|---------------|
| Pump Specifications                         |         |       |          | Simplex Panels |              | Duplex Panels |
| Model                                       | Voltage | Phase | Tag Amps | Amp Range      | Pivot Pro    | Pivot Pro     |
| F6424                                       | 230     | 3     | 68       |                | Call Factory | Call Factory  |
| G6424                                       | 460     | 3     | 34       | 30-40          | 114S4-0001   | 124S4-0001    |
| BA6424                                      | 575     | 3     | 27       | 24-32          | 116R4-0001   | 126R4-0001    |
| F6425                                       | 230     | 3     | 80       |                | Call Factory | Call Factory  |
| G6425                                       | 460     | 3     | 40       | 37-50          | 114T4-0001   | 124T4-0001    |
| BA6425                                      | 575     | 3     | 32       | 30-40          | 116S4-0001   | 126S4-0001    |
| G6426                                       | 460     | 3     | 52       | 48-65          | 114U4-0001   | 124U4-0001    |
| BA6426                                      | 575     | 3     | 41       | 37-50          | 116T4-0001   | 126T4-0001    |
| G6427                                       | 460     | 3     | 62       | 48-65          | 114U4-0001   | 124U4-0001    |
| BA6427                                      | 575     | 3     | 52       | 48-65          | 116U4-0001   | 126U4-0001    |
| G6428                                       | 460     | 3     | 75       |                | Call Factory | Call Factory  |
| BA6428                                      | 575     | 3     | 62       | 48-65          | 116U4-0001   | 126U4-0001    |

**Grinder Pumps, 1 - 15 BHP Single Direction**

| Pump Specifications |         |       |          | Simplex Panels |            |            | Duplex Panels |            |
|---------------------|---------|-------|----------|----------------|------------|------------|---------------|------------|
| Model               | Voltage | Phase | Tag Amps | Amp Range      | Pivot      | Pivot Pro  | Pivot         | Pivot Pro  |
| N7008               | 115     | 1     | 13.6     | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| I7008               | 200     | 1     | 7.7      | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| E7008               | 230     | 1     | 6.5      | 0-7            | 31314-0001 | 11314-0001 | 32314-0001    | 12314-0001 |
| I7010               | 200     | 1     | 15.5     | 15-20          | 31334-0001 | 11334-0001 | 32334-0001    | 12334-0001 |
| E7010               | 230     | 1     | 13.7     | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| J7010               | 200     | 3     | 11       | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| F7010               | 230     | 3     | 9.9      | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| G7010               | 460     | 3     | 5        | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| I7013               | 200     | 1     | 20       | 15-20          |            | 21734-0001 |               | 22734-0001 |
| E7013               | 230     | 1     | 17.2     | 15-20          |            | 21734-0001 |               | 22734-0001 |
| J7013               | 200     | 3     | 12.3     | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| F7013               | 230     | 3     | 10.8     | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| G7013               | 460     | 3     | 5.5      | 4-6.3          |            | 114D4-0001 |               | 124D4-0001 |
| E7110               | 230     | 1     | 23.6     | 24-32          |            | 217R4-0003 |               | 227R4-0003 |
| J7110               | 200     | 3     | 17.3     | 17-23          |            | 114H4-0001 |               | 124H4-0001 |
| F7110               | 230     | 3     | 15.1     | 13-18          |            | 114G4-0001 |               | 124G4-0001 |
| G7110               | 460     | 3     | 7.5      | 6-10           |            | 114E4-0001 |               | 124E4-0001 |
| BA7110              | 575     | 3     | 6        | 4-6.3          |            | 116D4-0001 |               | 126D4-0001 |
| E7111               | 230     | 1     | 28       | 24-32          |            | 217R4-0003 |               | 227R4-0003 |
| J7111               | 200     | 3     | 20.7     | 20-25          |            | 114Q4-0001 |               | 124Q4-0001 |
| F7111               | 230     | 3     | 18       | 17-23          |            | 114H4-0001 |               | 124H4-0001 |
| G7111               | 460     | 3     | 9        | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| J7112               | 200     | 3     | 25.3     | 24-32          |            | 114R4-0001 |               | 124R4-0001 |
| F7112               | 230     | 3     | 22       | 20-25          |            | 114Q4-0001 |               | 124Q4-0001 |
| G7112               | 460     | 3     | 11       | 9-14           |            | 114F4-0001 |               | 124F4-0001 |
| J7212               | 200     | 3     | 48.3     | 37-50          |            | 114T4-0001 |               | 124T4-0001 |
| F7212               | 230     | 3     | 42       | 37-50          |            | 114T4-0001 |               | 124T4-0001 |
| G7212               | 460     | 3     | 21       | 20-25          |            | 114Q4-0001 |               | 124Q4-0001 |
| BA7212              | 575     | 3     | 17       | 13-18          |            | 116G4-0001 |               | 126G4-0001 |
| J7213               | 200     | 3     | 62.1     | 48-65          |            | 114U4-0001 |               | 124U4-0001 |
| F7213               | 230     | 3     | 54       | 48-65          |            | 114U4-0001 |               | 124U4-0001 |
| G7213               | 460     | 3     | 27       | 24-32          |            | 114R4-0001 |               | 124R4-0001 |
| BA7213              | 575     | 3     | 22       | 20-25          |            | 116Q4-0001 |               | 126Q4-0001 |

**Grinder Pumps, 2 - 7.5 BHP REVERSING**

| Pump Specifications |         |       |          | Simplex Panels |            | Duplex Panels |
|---------------------|---------|-------|----------|----------------|------------|---------------|
| Model               | Voltage | Phase | Tag Amps | Amp Range      | Pivot Pro  | Pivot Pro     |
| E7011               | 230     | 1     | 17.2     | 15-20          | 23734-0001 | 24734-0001    |
| I7011               | 200     | 1     | 20       | 15-20          | 23734-0001 | 24734-0001    |
| J7011               | 200     | 3     | 12.3     | 9-14           | 234F4-0001 | 244F4-0001    |
| F7011               | 230     | 3     | 10.8     | 9-14           | 234F4-0001 | 244F4-0001    |
| G7011               | 460     | 3     | 5.5      | 4-6.3          | 234D4-0001 | 244D4-0001    |
| J7110RV             | 200     | 3     | 17.3     | 17-23          | 234H4-0001 | 244H4-0001    |
| F7110RV             | 230     | 3     | 15.1     | 13-18          | 234G4-0001 | 244G4-0001    |
| G7110RV             | 460     | 3     | 7.5      | 6-10           | 234E4-0001 | 244E4-0001    |
| BA7110RV            | 575     | 3     | 6        | 6-10           | 236D4-0001 | 246D4-0001    |
| J7111RV             | 200     | 3     | 20.7     | 17-23          | 234H4-0001 | 244H4-0001    |
| F7111RV             | 230     | 3     | 18       | 17-23          | 234H4-0001 | 244H4-0001    |
| G7111RV             | 460     | 3     | 9        | 9-14           | 234F4-0001 | 244F4-0001    |
| BA7111RV            | 575     | 3     | 7.2      | 6-10           | 236E4-0001 | 246E4-0001    |
| J7112RV             | 200     | 3     | 25.3     | 23-32          | 234R4-0001 | 244R4-0001    |
| F7112RV             | 230     | 3     | 22       | 20-25          | 234Q4-0001 | 244Q4-0001    |
| G7112RV             | 460     | 3     | 11       | 9-14           | 234F4-0001 | 244F4-0001    |
| BA7112RV            | 575     | 3     | 9        | 9-14           | 236F4-0001 | 246F4-0001    |



**Low Pressure Sewer Progressing Cavity Pumps**

LPS panels are specifically built for RWD-PC grinder applications and do not have all features of the Pivot/Pivot Pro series.

| Pump Specifications |         |       |          | Simplex Panels |            |            | Duplex Panels |            |
|---------------------|---------|-------|----------|----------------|------------|------------|---------------|------------|
| Model               | Voltage | Phase | Tag Amps | Amp Range      | Pivot      | Pivot Pro  | Pivot         | Pivot Pro  |
| E7020               | 230     | 1     | 7.0      | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| I7021               | 200     | 1     | 12.0     | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| E7021               | 230     | 1     | 10.5     | 7-15           | 31324-0001 | 11324-0001 | 32324-0001    | 12324-0001 |
| RWD7020*            | 230     | 1     | 7.0      | 7-15           |            | 61204-0001 |               | 62304-0001 |
| RWH7021*            | 200     | 1     | 12.0     | 7-15           |            | 61204-0001 |               | 62304-0001 |
| RWD7021*            | 230     | 1     | 10.5     | 7-15           |            | 61204-0001 |               | 62304-0001 |

**Intrinsically Safe For Explosion Proof Pumps**

**Intrinsically Safe For Explosion Proof Commercial Duty Effluent Ejectors**

| Pump Specifications |         |       |          | Simplex Panels |            | Duplex Panels |
|---------------------|---------|-------|----------|----------------|------------|---------------|
| Model               | Voltage | Phase | Tag Amps | Amp Range      | 10- Panels | 10- Panels    |
| NX6161              | 115     | 1     | 15.5     | 15-20          | 10-1294    | 10-1233       |
| EX6161              | 230     | 1     | 7.5      | 7-15           | 10-1242    | 10-1297       |
| IX6161              | 200     | 1     | 8.8      | 7-15           | 10-1242    | 10-1297       |
| NX6163              | 115     | 1     | 15       | 15-20          | 10-1294    | 10-1233       |
| EX6163              | 230     | 1     | 7.5      | 7-15           | 10-1242    | 10-1297       |
| IX6163              | 200     | 1     | 8.5      | 7-15           | 10-1242    | 10-1297       |
| EX6186              | 230     | 1     | 13.7     | 7-15           | 10-1242    | 10-1297       |
| IX6186              | 200     | 1     | 17.2     | 15-20          | 10-1294    | 10-1233       |
| JX6186              | 200     | 3     | 10.3     | 9-14           | 10-1229    | 10-1231       |
| FX6186              | 230     | 3     | 9.2      | 6-10           | 10-1222    | 10-1228       |
| GX6186              | 460     | 3     | 4.6      | 4-6.3          | 10-1218    | 10-1224       |
| EX6188              | 230     | 1     | 14       | 7-15           | 10-1242    | 10-1297       |
| IX6188              | 200     | 1     | 16.8     | 15-20          | 10-1294    | 10-1233       |
| JX6188              | 200     | 3     | 10.3     | 9-14           | 10-1229    | 10-1231       |
| FX6188              | 230     | 3     | 8.9      | 6-10           | 10-1222    | 10-1228       |
| GX6188              | 460     | 3     | 4.6      | 4-6.3          | 10-1218    | 10-1224       |
| BAX6188             | 575     | 3     | 3.5      | 2.5-4          | 10-1250    | 10-1256       |
| EX6189              | 230     | 1     | 17.1     | 15-20          | 10-1294    | 10-1233       |
| IX6189              | 200     | 1     | 20.5     | 20-30          | 10-1295    | 10-1235       |
| JX6189              | 200     | 3     | 13.2     | 13-18          | 10-1571    | 10-1232       |
| FX6189              | 230     | 3     | 11.2     | 9-14           | 10-1229    | 10-1231       |
| GX6189              | 460     | 3     | 6        | 4-6.3          | 10-1218    | 10-1224       |
| BAX6189             | 575     | 3     | 5.8      | 4-6.3          | 10-1252    | 10-1258       |

**Intrinsically Safe For Explosion Proof Commercial Duty Sewage Ejectors**

| Pump Specifications |         |       |          | Simplex Panels |            | Duplex Panels |
|---------------------|---------|-------|----------|----------------|------------|---------------|
| Model               | Voltage | Phase | Tag Amps | Amp Range      | 10- Panels | 10- Panels    |
| NX6292              | 115     | 1     | 15       | 15-20          | 10-1294    | 10-1233       |
| EX6292              | 230     | 1     | 7.5      | 7-15           | 10-1242    | 10-1297       |
| IX6292              | 200     | 1     | 8.8      | 7-15           | 10-1242    | 10-1297       |
| EX6294              | 230     | 1     | 13.7     | 7-15           | 10-1242    | 10-1297       |
| IX6294              | 200     | 1     | 17.8     | 15-20          | 10-1294    | 10-1233       |
| JX6294              | 200     | 3     | 10.8     | 9-14           | 10-1229    | 10-1231       |
| FX6294              | 230     | 3     | 9.5      | 6-10           | 10-1222    | 10-1228       |
| GX6294              | 460     | 3     | 4.8      | 4-6.3          | 10-1218    | 10-1224       |
| BAX6294             | 575     | 3     | 3.8      | 2.5-4          | 10-1250    | 10-1256       |
| EX6295              | 230     | 1     | 17.1     | 15-20          | 10-1294    | 10-1233       |
| IX6295              | 200     | 1     | 20.5     | 20-30          | 10-1295    | 10-1235       |
| JX6295              | 200     | 3     | 14.3     | 13-18          | 10-1571    | 10-1232       |
| FX6295              | 230     | 3     | 12.2     | 9-14           | 10-1229    | 10-1231       |
| GX6295              | 460     | 3     | 6.1      | 4-6.3          | 10-1218    | 10-1224       |
| BAX6295             | 575     | 3     | 4.9      | 4-6.3          | 10-1252    | 10-1258       |

| <b>Intrinsically Safe For Explosion Proof Solids Handling Pumps X61 HD Series, 1-10 BHP</b> |                |              |                 |                       |                   |                      |
|---|----------------|--------------|-----------------|-----------------------|-------------------|----------------------|
| <b>Pump Specifications</b>  |                |              |                 | <b>Simplex Panels</b> |                   | <b>Duplex Panels</b> |
| <b>Model</b>  | <b>Voltage</b> | <b>Phase</b> | <b>Tag Amps</b> | <b>Amp Range</b>      | <b>10- Panels</b> | <b>10- Panels</b>    |
| EX6120  | 230            | 1            | 6.9             | 5.5-8                 | 10-1559           | 10-1587              |
| JX6120  | 200            | 3            | 4.8             | 4-6.3                 | 10-1560           | 10-1588              |
| FX6120  | 230            | 3            | 4.2             | 4-6.3                 | 10-1560           | 10-1588              |
| GX6120  | 460            | 3            | 2.1             | 1.6-2.5               | 10-1562           | 10-1590              |
| BAX6120   | 575            | 3            | 1.7             | 1.6-2.5               | 10-1563           | 10-1591              |
| EX6121  | 230            | 1            | 8.9             | 7-10                  | 10-1564           | 10-1592              |
| JX6121  | 200            | 3            | 5.9             | 4-6.3                 | 10-1560           | 10-1588              |
| FX6121  | 230            | 3            | 5.1             | 4-6.3                 | 10-1560           | 10-1588              |
| GX6121  | 460            | 3            | 2.6             | 2.5-4                 | 10-1561           | 10-1589              |
| BAX6121   | 575            | 3            | 2               | 1.6-2.5               | 10-1563           | 10-1591              |
| EX6122  | 230            | 1            | 14.5            | 12-18                 | 10-1573           | 10-1601              |
| JX6122  | 200            | 3            | 7.8             | 6-10                  | 10-1565           | 10-1593              |
| FX6122  | 230            | 3            | 6.8             | 6-10                  | 10-1565           | 10-1593              |
| GX6122  | 460            | 3            | 3.4             | 2.5-4                 | 10-1561           | 10-1589              |
| BAX6122   | 575            | 3            | 2.7             | 2.5-4                 | 10-1566           | 10-1594              |
| EX6123  | 230            | 1            | 17              | 16-24                 | 10-1567           | 10-1595              |
| JX6123  | 200            | 3            | 11              | 9-14                  | 10-1568           | 10-1596              |
| FX6123  | 230            | 3            | 9.6             | 9-14                  | 10-1568           | 10-1596              |
| GX6123  | 460            | 3            | 4.8             | 4-6.3                 | 10-1560           | 10-1588              |
| BAX6123   | 575            | 3            | 3.9             | 2.5-4                 | 10-1566           | 10-1594              |
| EX6124  | 230            | 1            | 28              | 23-32                 | 10-1569           | 10-1597              |
| JX6124  | 200            | 3            | 17.5            | 17-23                 | 10-1570           | 10-1598              |
| FX6124  | 230            | 3            | 15.2            | 13-18                 | 10-1571           | 10-1599              |
| GX6124  | 460            | 3            | 7.6             | 6-10                  | 10-1565           | 10-1593              |
| BAX6124   | 575            | 3            | 6.1             | 6-10                  | 10-1572           | 10-1600              |
| EX6111  | 230            | 1            | 28              | 23-32                 | 10-1574           | 10-1602              |
| JX6125  | 200            | 3            | 25.3            | 24-32                 | 10-1577           | 10-1605              |
| FX6125  | 230            | 3            | 22              | 20-25                 | 10-1575           | 10-1603              |
| GX6125  | 460            | 3            | 11              | 9-14                  | 10-1568           | 10-1596              |
| BAX6125   | 575            | 3            | 9               | 9-14                  | 10-1576           | 10-1604              |
| JX6112  | 200            | 3            | 25.3            | 24-32                 | 10-1577           | 10-1605              |
| FX6112  | 230            | 3            | 22              | 20-25                 | 10-1575           | 10-1603              |
| GX6112  | 460            | 3            | 11              | 9-14                  | 10-1568           | 10-1596              |
| BAX6112   | 575            | 3            | 9               | 9-14                  | 10-1576           | 10-1604              |
| JX6113  | 200            | 3            | 32.2            | 30-40                 | 10-1578           | 10-1606              |
| FX6113  | 230            | 3            | 28              | 24-32                 | 10-1577           | 10-1605              |
| GX6113  | 460            | 3            | 14              | 13-18                 | 10-1571           | 10-1599              |
| BAX6113   | 575            | 3            | 11              | 9-14                  | 10-1576           | 10-1604              |

| Intrinsically Safe For Explosion Proof Solids Handling Pumps X62 HD Series, 5-20 BHP |         |       |          |                |            |               |
|--|---------|-------|----------|----------------|------------|---------------|
| Pump Specifications  |         |       |          | Simplex Panels |            | Duplex Panels |
| Model  | Voltage | Phase | Tag Amps | Amp Range      | 10- Panels | 10- Panels    |
| EX6220   | 230     | 1     | 27.5     | 23-32          | 10-2487    | 10-2493       |
| JX6220   | 200     | 3     | 17.5     | 17-23          | 10-1570    | 10-1598       |
| FX6220   | 230     | 3     | 15.2     | 13-18          | 10-1571    | 10-1599       |
| GX6220   | 460     | 3     | 7.6      | 6-10           | 10-1565    | 10-1593       |
| BAX6220  | 575     | 3     | 6.1      | 6-10           | 10-1572    | 10-1600       |
| EX6221   | 230     | 1     | 36.7     | 37-50          | 10-2488    | 10-2494       |
| JX6221   | 200     | 3     | 25       | 24-32          | 10-1577    | 10-1605       |
| FX6221   | 230     | 3     | 22       | 20-25          | 10-1575    | 10-1603       |
| GX6221   | 460     | 3     | 11       | 9-14           | 10-1568    | 10-1596       |
| BAX6221  | 575     | 3     | 9        | 6-10           | 10-1572    | 10-1600       |
| JX6222   | 200     | 3     | 32       | 30-40          | 10-1578    | 10-1606       |
| FX6222   | 230     | 3     | 28       | 24-32          | 10-1577    | 10-1605       |
| GX6222   | 460     | 3     | 14       | 13-18          | 10-1571    | 10-1599       |
| BAX6222  | 575     | 3     | 11       | 9-14           | 10-1576    | 10-1604       |
| JX6223   | 200     | 3     | 48.3     | 37-50          | 10-3092    | 10-3093       |
| FX6223   | 230     | 3     | 41.7     | 37-50          | 10-3092    | 10-3093       |
| GX6223   | 460     | 3     | 20.9     | 20-25          | 10-1575    | 10-1603       |
| BAX6223  | 575     | 3     | 16.4     | 13-18          | 10-2491    | 10-2497       |
| JX6224   | 200     | 3     | 59.4     | 48-65          | 10-2489    | 10-2495       |
| FX6224   | 230     | 3     | 54       | 48-65          | 10-2489    | 10-2495       |
| GX6224   | 460     | 3     | 27       | 24-32          | 10-1577    | 10-1605       |
| BAX6224  | 575     | 3     | 22       | 20-25          | 10-2492    | 10-2498       |

| Intrinsically Safe For Explosion Proof Solids Handling Pumps X64 HD Series |         |       |          |                                    |  |                                    |
|--|---------|-------|----------|------------------------------------|--|------------------------------------|
| Pump Specifications  |         |       |          | Simplex Panels                     |  | Duplex Panels                      |
| Model  | Voltage | Phase | Tag Amps | 10- Panels                         |  | 10- Panels                         |
| FX6424   | 230     | 3     | 64.2     | Note: Call factory for information |  | Note: Call factory for information |
| GX6424   | 460     | 3     | 32.1     |                                    |  |                                    |
| BAX6424  | 575     | 3     | 25.6     |                                    |  |                                    |
| FX6425   | 230     | 3     | 79.8     |                                    |  |                                    |
| GX6425   | 460     | 3     | 39.9     |                                    |  |                                    |
| BAX6425  | 575     | 3     | 31.9     |                                    |  |                                    |
| FX6426   | 230     | 3     | 103      |                                    |  |                                    |
| GX6426   | 460     | 3     | 51.7     |                                    |  |                                    |
| BAX6426  | 575     | 3     | 41.4     |                                    |  |                                    |
| GX6427   | 460     | 3     | 64.3     |                                    |  |                                    |
| BAX6427  | 575     | 3     | 51.4     |                                    |  |                                    |
| GX6428   | 460     | 3     | 74.9     |                                    |  |                                    |
| BAX6428  | 575     | 3     | 59.9     |                                    |  |                                    |

| <b>Intrinsically Safe For Explosion Proof Grinder Pumps, 2-7.5 BHP Single Direction</b> |                |              |                 |                       |                   |                      |
|---|----------------|--------------|-----------------|-----------------------|-------------------|----------------------|
| <b>Pump Specifications</b>  |                |              |                 | <b>Simplex Panels</b> |                   | <b>Duplex Panels</b> |
| <b>Model</b>  | <b>Voltage</b> | <b>Phase</b> | <b>Tag Amps</b> | <b>Amp Range</b>      | <b>10- Panels</b> | <b>10- Panels</b>    |
| EX7013  | 230            | 1            | 17.2            | 15-20                 | 10-2717           | 10-2721              |
| IX7013  | 200            | 1            | 20              | 15-20                 | 10-2717           | 10-2721              |
| JX7013  | 200            | 3            | 12.3            | 9-14                  | 10-1568           | 10-1596              |
| FX7013  | 230            | 3            | 10.8            | 9-14                  | 10-1568           | 10-1596              |
| GX7013  | 460            | 3            | 5.5             | 4-6.3                 | 10-1560           | 10-1588              |
| EX7110  | 230            | 1            | 23.6            | 20-30                 | 10-3847           | 10-3848              |
| JX7110  | 200            | 3            | 17.3            | 17-23                 | 10-1570           | 10-1598              |
| FX7110  | 230            | 3            | 15.1            | 13-18                 | 10-1571           | 10-1599              |
| GX7110  | 460            | 3            | 7.5             | 6-10                  | 10-1565           | 10-1593              |
| BAX7110   | 575            | 3            | 6               | 6-10                  | 10-1572           | 10-1600              |
| EX7111  | 230            | 1            | 28              | 20-30                 | 10-1574           | 10-1602              |
| JX7111  | 200            | 3            | 20.7            | 17-23                 | 10-1570           | 10-1598              |
| FX7111  | 230            | 3            | 18              | 17-23                 | 10-1570           | 10-1598              |
| GX7111  | 460            | 3            | 9               | 9-14                  | 10-1568           | 10-1596              |
| BAX7111   | 575            | 3            | 7.2             | 6-10                  | 10-1572           | 10-1600              |
| JX7112  | 200            | 3            | 25.3            | 24-32                 | 10-1577           | 10-1605              |
| FX7112  | 230            | 3            | 22              | 17-23                 | 10-1570           | 10-1598              |
| GX7112  | 460            | 3            | 11              | 9-14                  | 10-1568           | 10-1596              |
| BAX7112   | 575            | 3            | 9               | 9-14                  | 10-1576           | 10-1604              |

| <b>Intrinsically Safe For Explosion Proof Grinder Pumps, 2-7.5 BHP REVERSING</b> |                |              |                 |                       |                   |                      |
|--|----------------|--------------|-----------------|-----------------------|-------------------|----------------------|
| <b>Pump Specifications</b>   |                |              |                 | <b>Simplex Panels</b> |                   | <b>Duplex Panels</b> |
| <b>Model</b>   | <b>Voltage</b> | <b>Phase</b> | <b>Tag Amps</b> | <b>Amp Range</b>      | <b>10- Panels</b> | <b>10- Panels</b>    |
| EX7011   | 230            | 1            | 17.2            | 15-20                 | 10-2709           | 10-2713              |
| IX7011   | 200            | 1            | 20              | 15-20                 | 10-2709           | 10-2713              |
| JX7011   | 200            | 3            | 12.3            | 9-14                  | 10-2710           | 10-2714              |
| FX7011   | 230            | 3            | 10.8            | 9-14                  | 10-2710           | 10-2714              |
| GX7011   | 460            | 3            | 5.5             | 4-6.3                 | 10-2711           | 10-2715              |
| JX7110RV   | 200            | 3            | 17.3            | 17-23                 | 10-3870           | 10-2759              |
| FX7110RV   | 230            | 3            | 15.1            | 13-18                 | 10-3869           | 10-2246              |
| GX7110RV   | 460            | 3            | 7.5             | 6-10                  | 10-1862           | 10-2548              |
| BAX7110RV  | 575            | 3            | 6               | 6-10                  | 10-3868           | 10-3872              |
| JX7111RV   | 200            | 3            | 20.7            | 17-23                 | 10-3870           | 10-2759              |
| FX7111RV   | 230            | 3            | 18              | 17-23                 | 10-3870           | 10-2759              |
| GX7111RV   | 460            | 3            | 9               | 9-14                  | 10-2710           | 10-2714              |
| BAX7111RV  | 575            | 3            | 7.2             | 6-10                  | 10-3868           | 10-3872              |
| JX7112RV   | 200            | 3            | 25.3            | 24-32                 | 10-3871           | 10-1913              |
| FX7112RV   | 230            | 3            | 22              | 17-23                 | 10-3870           | 10-2759              |
| GX7112RV   | 460            | 3            | 11              | 9-14                  | 10-2710           | 10-2714              |
| BAX7112RV  | 575            | 3            | 9               | 9-14                  | 10-3867           | 10-3873              |