

SEWAGE AND EFFLUENT SYSTEM COMPONENTS

(A) SEWAGE & EFFLUENT PUMPS

STANDARD FEATURES:

- Cast Iron Construction.
- Non-clog Vortex Impellers.
- Submersible.
- Hermetically Sealed Oil-Filled Motors.
- Carbon/Ceramic Shaft Seals.
- Stainless Steel Nuts, Bolts and Lifting Handle.
- Neoprene Gasket and Seals.
- 1-1/2" or 2" NPT Discharge.
- Thermal Overload Protection - Single Phase.
- UL Listed Power Cord.
- Available with single or double seals.

OPTIONS:

- Longer Power Cords.

(B) CONTROLS

SIMPLEX STANDARD FEATURES:

- Piggyback Float Switches with Qwik-Box connection for 115V & 230V, Single Phase pumps up to 13 Amps.
- Hard wired Connection with Junction Box and Double Float Switches on 200V and 230V Single Phase Pumps up to 15 Amps.
- NEMA 4X Control Panel with Motor Contactor and HOA Switch* Includes Float Switches.
- NEMA 4X Control Panel with Alarm, Silence and Test Switch, Circuit Breakers, Motor Contactor and lockable latches on all 3 phase pump control panels.

DUPLEX STANDARD FEATURES:

- NEMA 4X Control Panel with alternator circuit. UL Listed.**
- HOA Switch and Run Light.
- Audible Alarm and Test Switch.
- Motor Contactor and Circuit Breakers.
- Adjustable Overload for 3 Phase Pumps.
- Auxiliary Contacts.
- Lockable Latch.

OPTIONS:

- NEMA 1 or NEMA 4X Alarm for Single Phase Simplex Systems.
- NEMA 1 Enclosure for indoor Duplex Systems.
- 3 or 4 Float System for Duplex Alternator Panels.

*See FM1228 to select simplex panels.

**See FM0712 to select duplex panels.

(C)* VARIABLE LEVEL FLOAT SWITCHES

3 Switches with Weights and Brackets.

- P/N 10-0329 WGT. 10.0

4 Switches with Weights and Brackets.

- P/N 10-0330 WGT. 14.0

1 Weight and Bracket only.

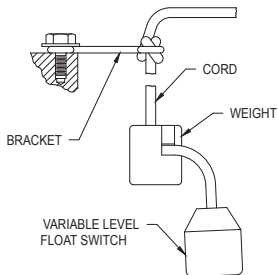
- P/N 10-0661 WGT. 2.0

3 Weights and Brackets only.

- P/N 10-1366 WGT. 6.5

4 Weights and Brackets only.

- P/N 10-1367 WGT. 8.5



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

SK1328

(D) JUNCTION BOXES - TYPE 4X

SIMPLEX

4 Holes with Seals for (1) Power Cord, (3) Float Switch Cords.

- P/N 10-0647 WGT. 2.5

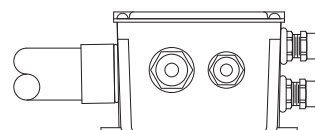
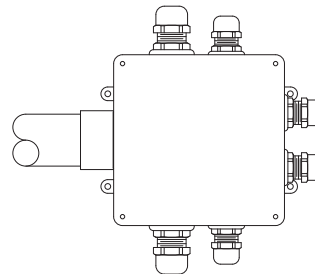
DUPLEX

5 Holes with Seals for (2) Power Cords, (3) Float Switch Cords.

- P/N 10-0648 WGT. 2.5

6 Holes with Seals for (2) Power Cords, (4) Float Switch Cords.

- P/N 10-0649 WGT. 2.5



SK1331

PREPACKAGED AND JOB READY SYSTEMS

SIMPLEX		DUPLEX	
REQ.		REQ.	
1 Pump	P/N _____ (A)	2 Pumps	P/N _____ (A)
1 Simplex Control	P/N _____ (B)	1 Duplex Control Panel	P/N _____ (B)
3 Weights and Brackets*	P/N <u>10-1366</u> (C)	3 Weights and Brackets*	P/N _____ (C)
1 Variable Level Float Switch**	P/N <u>10-0329</u> (C)	1 Variable Level Float Switch	P/N _____ (C)
1 Junction Box (optional)	P/N _____ (D)	1 Junction Box (optional)	P/N _____ (D)
1 Basin, Cover and Rail System	P/N _____ (F)	1 Basin, Cover and Rail System	P/N _____ (F)
1 Alarm System	P/N _____ (G)		

* Required when using a control panel similar to 10-1037 (simplex) or 10-1044 (duplex).

** Required with all 3 phase systems.

*** Not required when using a simplex control panel.

FIELD ASSEMBLED SYSTEMS

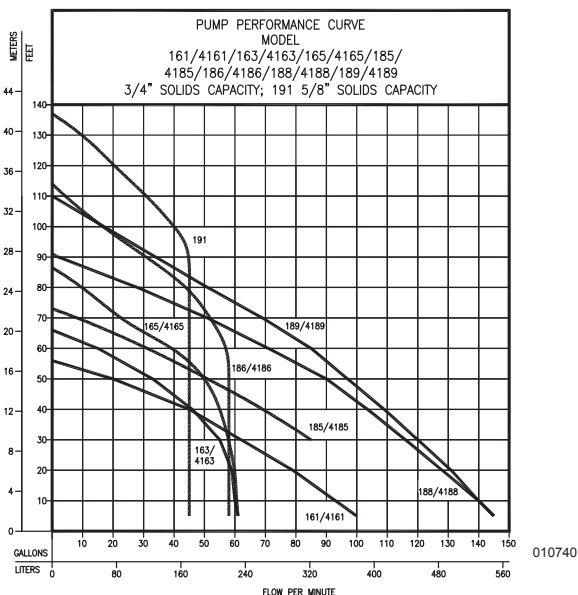
SIMPLEX		DUPLEX	
REQ.		REQ.	
1 Pump	P/N _____ (A)	2 Pumps	P/N _____ (A)
1 Simplex Control	P/N _____ (B)	1 Duplex Control Panel	P/N _____ (B)
3 Weights and Brackets*	P/N <u>10-1366</u> (C)	1 Variable Level Float Switch	P/N _____ (C)
1 Variable Level Float Switch**	P/N _____ (C)	1 Junction Box (optional)	P/N _____ (D)
1 Junction Box (optional)	P/N _____ (D)	2 Rail Systems	P/N _____ (E)
1 Rail System	P/N _____ (E)	2 Angle Arm Brackets (over 72")	P/N <u>39-0070</u> (E)
1 Angle Arm Bracket (over 72")	P/N <u>39-0070</u> (E)	2 Pull Rods	P/N _____ (H)
1 Alarm System***	P/N _____ (G)	2 S.S. Lifting Cables	P/N _____ (I)
1 Pull Rod	P/N _____ (H)		
1 S.S. Lifting Cable	P/N _____ (I)		

* Required when using a control panel with float switches included.

** Required with all 3 phase systems.

*** Not required when using a simplex control panel.

EFFLUENT PUMPS



SEWAGE PUMPS

