# **INSTALLER FRIENDLY SERIES® - IFS Single Phase Simplex**

Single phase, simplex demand dose or timed dose, float or C-Level™ controlled system for pump control and system monitoring.

The IFS simplex control panel is designed to control one 120, 208, 240 VAC single phase pump in water and sewage installations. The panel features an easy-to-use touch pad with display on the inner door for programming and system monitoring. The panel configuration can be easily converted in the field to either a timed dose or demand dose.

The optional C-Level<sup>™</sup> sensor is a pressure transducer that senses the liquid level in the tank and sends a signal to the IFS panel. Pump activation levels can be adjusted by using the panel touch pad. C-Level<sup>™</sup> CL40 sensor operating range is 3-39.9 inches (7.6-101.3 cm). C-Level<sup>™</sup> CL100 operating range is 3-99.5 inches (7.6-252.7 cm).

## **TOUCH PAD FEATURES**

- A. Level Status Indicators illuminate when floats or set points are activated. Alarm will activate if a float operates out of sequence.
- B. HOA (Hand-Off-Automatic) Buttons control pump mode with indication. Hand mode defaults to Automatic when stop level or redundant off level is reached.
- **C.** Pump Run Indicator illuminates when pump is called to run.
- D. LED Display shows system information including: level in inches or centimeters (C-Level™ only), mode, pump elapsed time (hh:mm), events (cycles), alarm counter, float error count, timed dose override counter (timed dose only), and ON/OFF times (timed dose only).
- E. NEXT Push Button toggles display.
- F. UP and SET Push Buttons set pump ON/OFF times (timed dose only) or activation levels (C-Level™ only).

## PANEL COMPONENTS

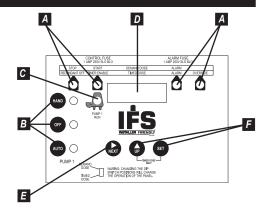
- Enclosure base measures 10 X 8 X 4 inches (25.4 X 20.32 X 10.16 cm). NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use). Note: Options, voltage, and amp range selected may change enclosure size and component layout.
- Red Alarm Beacon provides 360° visual check of alarm condition.
- Exterior Alarm Test/Normal/Silence Switch allows horn and light to be tested and horn to be silenced in an alarm condition. Alarm automatically resets once alarm condition is cleared.
- Alarm Horn provides audio warning of alarm condition (83 to 85 decibel rating).
- Circuit Breaker (optional) provides pump disconnect and branch circuit protection.
- Power Relay controls pump by switching electrical lines. Definite purpose contactor used when pump full load amps are above 15.
- 7. Float Connection Terminal Block
- 8. Incoming Control/Alarm Power & Pump Terminal Block
- Control Power Indicator/Fuse indicator light illuminates if control power is present in panel. Alarm will activate if control fuse is blown.
- **10. Alarm Power Indicator/Fuse** indicator light illuminates if alarm power is present in panel.
- 11. Ground Lug

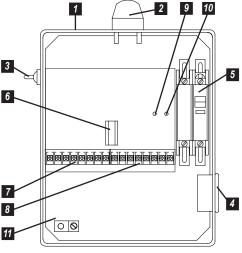
**NOTE:** Schematic/Wiring Diagram and Pump Specification Label are located inside the panel on enclosure cover

#### **OPTIONAL FEATURE**

**34" (86.36cm) Panel Mounting Post** (Factory Installed). Includes Duplex Installation Kit (Enclosure upsized to 10" x 8" x 6" (25.4 x 20.32 x 15.24 cm). Max. Enclosure size14" x 12" x 6" (35.56 x 30.48 x 15.24 cm)

SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS. SEE PRICE BOOK FOR LIST PRICE.





Model Shown IFS11W114X8AC

Reg. Cdn Pat. & TM Off C-Level™ Sensor US Patent No. 8,336,385; 8,567,242; 8,650,949

### **FEATURES**

- Entire control system is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Standard package includes: Demand Dose - three 20' control switches Timed Dose - two 20' control switches
  - Available with EZconnex® float system
- Complete with step-by-step installation instructions
- Five-year limited warranty





PO Box 1708, Detroit Lakes, MN 56502 1-888-DIAL-SJE • 1-218-847-1317 1-218-847-4617 Fax

email: customer.service@sjerhombus.com

www.sjerhombus.com

MODEL TYPE    1 = SPLX TIMED DOSE (includes option BAC standard)     2 = SPLX DEMAND DOSE (includes option BAC standard)     2 = SPLX DEMAND DOSE (includes option BAC standard)     3 = SPLX DEMAND DOSE (includes option BAC standard)     4 = Standard DOSE (includes option BAC standard)     4 = Standard DOSE (includes option BAC standard)     5 = STANTING DOSE (includes option BAC standard)     6 = STANTING DOSE (includes option BAC standard)     7 = STANTING DOSE (includes option BAC standard)     8 = 120/208/240 VAC (includes option BAC standard)     9 = 120 VAC     9 = 120 VAC     1 = 120/208/240 VAC (includes option BAC standard)     1 = Total Standard Gose = Sincer enable and aliarm / Demand dose     1 = Total Standard Gose = Sincer enable and aliarm / Demand dose     1 = Total Standard Gose = Sincer enable and aliarm / Demand dose     2 = SPLX DEMANDS DOSE (includes option BAC standard)     3 = Total Standard ABC     4 = Counter Standard Standard ABC     5 = Total Standard ABC     6 = Total Standard ABC     6 = Total Standard ABC     7 = Standard Gose     8 = Total Standard ABC     9 = Total Standard ABC     1 = Total Standard ABC	IFS	
1 = SPLX TIMED DOSE (includes option AC standard) 2 = SPLX DEMAND DOSE (includes option AC standard) 3 = SPLX DEMAND DOSE (includes option AC standard) 4 = Including a standard (including a standard) 5 = Including a standard (including a standard) 6 = Including a standard (including a standard) 7 = Including a standard (including a standard (including a standard) 8 = Including a standard (including a standard option) 8 = Including a standard (including a standard (including a standard option) 9 = Including a standard (including a standard (including a standard option) 9 = Including a standard (including a standard option) 9 = Including a standard (including a standard option) 9 = Including a standard (including a standard option) 1 = Inc	MODEL IFS	
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ALARM PACKAGE  1 = alarm package (includes test/normal/silence switch, fuse, red light & horn)  ENCLOSURE RATING  W = NEMA AX  STARTING DEVICE  STARTING DEVICE  STARTING DEVICE  STARTING DEVICE  1 = 7.15 FLA  2 = 15.20 FLA  PUMP DISCONNECTS  O = no pump disconnect  4 = circuit breaker  120 VAC  PUMP FULL LOAD AMPS  O = 0.7 FLA  1 = 7.15 FLA  2 = 15.20 FLA  PUMP DISCONNECTS  O = no pump disconnect  4 = circuit breaker  120 VAC  SWITCH APPLICATIONS  H = floats (fimed dose = timer enable and aismn* Demand dose = stop, start, and aismn*) (select 17 option)  E = EZconnec* float switch system (select 33, 35 or 36 option)  timed dose  demand dose  X = no floats  timed dose  demand dose  (select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats)  timed dose  demand dose  Note: Pump down applications only.  Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high live valaurm and pump shut off.  OPTIONS Listed below  10 Device alarm float (must select 17 option)  3A Alarm flasher  3B Manual alarm reset  3B Manual alarm reset  3B Manual alarm reset  170 Sensor Float* externally weighted ♠ (per float)  171 Sensor Float* externally weighted ♠ (per float)  172 Sensor Float* externally weighted ♠ (per float)  173 Sensor Float* externally weighted ♠ (per float)  174 Redundant off float  (must select 4 option) floats are required)  175 Sensor Float* externally weighted ♠ (per float)  176 Lockable lasth - NEMA 4X  177 Sensor Float* externally weighted ♠ (per float)  178 Sensor Float* externally weighted ♠ (per float)  179 Sensor Float* externally weighted ♠ (per float)  170 Sensor Float* externally weighted ♠ (per float)  171 Sensor Float* externally weighted ♠ (per float)  172 Sensor Float* externally weighted ♠ (per float)  173 Sensor Float* externally weighted ♠ (per float)  174 Milliamphaster* externally weighted ♠ (per float)  175 Sensor Float* externally weighted ♠ (per float)  176 Lockable lasth - NEMA 4X  177 Milliamphaster* externa		
ENCLOSURE RATING  W = NEMA AX  STARTING DEVICE  1 = 120 ORC  9 = 120 VAC  0 = 120 VAC  PUMP FULL LOAD AMPS  0 = 0.7 FLA  2 = 16.20 FLA  PUMP FULL LOAD AMPS  0 = 0.7 FLA  2 = 16.20 FLA  PUMP FULL LOAD AMPS  0 = 0.7 FLA  2 = 16.20 FLA  PUMP DISCOMNECTS  PUMP FULL CAD AMPS  0 = 10.00 FLA  PUMP DISCOMNECTS  PUMP FULL CAD AMPS  0 = 0.00 FLA  PUMP DISCOMNECTS  PUMP FULL CAD AMPS  0 = 0.00 FLA  PUMP DISCOMNECTS  PUMP FULL CAD AMPS  1 = floats (Timed dose = timer enable and alarm / Demand dose = stop, start, and alarm) (select 17 option)  E = EZConnec® float swirch system (select 33, 35 or 36 option)  timed dose  demand dose  V = 0.1 Evert Second floats  timed dose  C = C-Level® sensor (must select 24 or 29 option)  (select option 35 and/or 4A & 40 for high water alarm and/or redundant off floats)  timed dose  demand dose  Note: Pump down applications only.  Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  Cops pacing now.  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 17 Sensor Float* (seterally weighted ♠ (per float)  1 18 Time override float  (select Total persor with 4 vent tube & 20' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' cord  2 4F Clevel® Club sensor with 5 vent tube & 40' c		
STARTING DEVICE   1 = 120/2092/40 VAC   9 = 120 VAC   PUMP FULL LOAD AMPS   0 = 0.7 FLA   1 = 7.15 FLA   2 = 15.20 FLANECTS   0 = no pump disconnect   4 = cricul breast select starting device option 9)   120/2092/40 VAC (must select starting device option 1)   SWITCH APPLICATIONS   1 = 7.05 FLA   120/2092/40 VAC (must select starting device option 1)   SWITCH APPLICATIONS   1 = EZconnex* floats which system (select 33, 35 or 36 option)		
STARTING DEVICE  1 = 120/2008/240 VAC 9 = 120 VAC 9 = 120 VAC 9 = 120 VAC 9 = 120 VAC 1 = 7.7 FLA 2 = 15-20 FLA 2 = 15-20 FLA 4 = 5.20 FLA 5 = 7.7 FLA 2 = 15-20 FLA 5 = 7.7 FLA 2 = 15-20 FLA 5 = 7.7 FLA 3 = 15-20 FLA 5 = 7.7 FLA 4 = 10.0 VAC (must select starting device option 9) 120/2008/240 VAC (must select starting device option 1) SWITCHAPPLICATIONS H = floats (Timed dose = timer enable and alarm / Demand dose = stop, start, and alarm) (select 17 option) E = E2Connex® float switch system (select 33, 35 or 36 option) timed dose demand dose demand dose = stop start, and alarm) (select 17 option)  E = E2Connex® float switch system (select 33, 35 or 36 option) timed dose demand dose demand dose = stop, start, and alarm) (select 17 option)  E = E2Connex® float switch system (select 33, 35 or 36 option) timed dose demand dose demand device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  OPTIONS Listed below  OPTIONS Listed below  ARA Main flasher  3B Manual alarm reset 3B Manual alarm reset 3B Manual alarm reset 3B Manual alarm reset 4D Redundant off (select potion 40 if floats are required) Demand Dose Timed Dose Timed Dose dominiputs  170 Sensor Float®* (reternal) weighted ♠ (per float) 171 Sensor Float®* (reternal) weighted ♠ (per float) 172 Sensor Float®* (reternal) weighted ♠ (per float) 173 Sensor Float®* (reternal) weighted ♠ (per float) 174 Millianny Mostar®* (reternal) weighted ♠ (per float) 175 Sensor Float®* (reternal) weighted ♠ (per float) 176 Sensor Float®* (reternal) weighted ♠ (per float) 177 Sensor Float®* (reternal) weighted ♠ (per float) 178 Sensor Float®* (reternal) weighted ♠ (per float) 179 Sensor Float®* (reternal) weighted ♠ (per float) 170 Sensor Float®* (reternal) weighted ♠ (per float) 171 Sensor Float®* (reternal) weighted ♠ (per float) 172 Sensor Float®* (reternal) weighted ♠ (per float) 173 Sensor Float®* (reternal) weighted ♠ (per float) 174 Sensor Float®* (reternal) weighted ♠ (per float) 175 Sensor Float®		
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4 = circuit breaker 120 VAC (must select starting device option 9) 120 VAC (must select starting device option 1) 120 VAC (must select starting device option 1) 120 VAC (must select starting device option 1) 120 VAC (must select 17 option)  E = EZConnex® float switch system (select 33, 35 or 36 option)  It med dose demand dose  C = C-Level® sensor (must select 24 or 29 option) (select option 35 and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose demand dose demand dose  Note: Pump down applications only. Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  CODE DESCRIPTION 11 Duo alarm inputs 3A Alarm flasher 3B Manual alarm reset 3B Manual alarm reset 3B Manual alarm reset 3B Manual alarm reset 3C + Qualified bening when Switch Applications = C) 4A Redundant off (select option 4D if floats are required) Demand Dose Timed Dose 4D Redundant off float select aption 4D if floats are required) Demand Dose 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 17 Sensor Float® / externally weighted ◆ (per float) 18 Time Power A sent A option / must select 17 option) 19 Sensor Float® / externall		
120 VAC (must select starting device option 1)  SWITCH APPLICATIONS  H = floats (Timed dose = timer enable and alarm / Demand dose = stop, start, and alarm) (select 17 option)  E = EZConnex® float switch system (select 33, 35 or 36 option)  timed dose     demand dose     demand dose     demand dose  C = C-Level® sensor (must select 24 or 29 option)     (select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats)     timed dose     demand dose     dema		
Table   Tab		
H = floats (Timed dose = timer enable and alarm / Demand dose = stop, start, and alarm) (select 17 option)  E = EZConnex® host switch system (select 33, 35 or 36 option)  imed dose demand dose  V = no floats Itimed dose demand dose  C = C-Level* sensor (must select 24 or 29 option) (select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose demand dose Note: Pump down applications only, Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  CODE DESCRIPTION  1.1 Duo alarm inputs 3A Alarm flasher 3B Manual alarm reset 3B High water alarm float (must select 17 option) (Available only when Switch Applications = C) 4A Redundant off (select option 4D if floats are required) Demand Dose  4D Redundant off float (must select 4A option) (must select 17 option) 3A Alaillary alarm contacts, form C 4B Auxiliary alarm contacts, form C 4B Auxiliary alarm contacts, form C 5B Auxiliary alarm contacts, form C 5B Auxiliary alarm contacts, form C 5B Auxiliary alarm contacts, form C 6B Auxiliary alarm contacts, form C 6B Auxiliary alarm contacts, form C 6B Auxiliary alarm power combined) 10E Lockable latch → NEMA 4X 10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined) 10F Auxiliary alarm power combined (must select option 6A) 11D KBMA 1 alarm panel (must select option 6A) 11D KBMA 1 alarm panel (must select option 6A) 11D KBMA 1 alarm panel (must select option 6A) 11D KBMA 1 alarm panel (must select option 6A) 11D KBMA 1 alarm panel (must select option 6A) 11D KBMA 20 cord in lieu of 20 (per float) 11D KBMA 20 cord in lieu of 20 (per float) 11D KBMA 20 cord in lieu of 20 (per float) 11D KBMA 4 alarm panel (must select option 6A) 11D KBMA 5 cord in lieu of 20 (per float) 11D KBMA 6 cord in lieu of 20 (per float) 11D KBMA 7 alarm panel (must select option 6A) 11D KBMA 8 alarm panel (must select option 6A) 11D KBMA 1 alarm panel (must select o	120/208/240 VAC (must select starting device option 1)	
E = EZconnex® float switch system (select 33, 35 or 36 option) timed dose demand dose  Z = no floats timed dose demand dose  C = C-Level® sensor (must select 24 or 29 option) (select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose demand dose Note: Pump down applications only. Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  CODE DESCRIPTION  1.1 Duo alarm inputs 3A Alarm flasher 3B Manual alarm reset 3E High water alarm float (must select 17 option) (Available only when switch Applications = C) 4A Redundant off select option 4D if floats are required) Demand Dose 4D Redundant off float (must select 4A option) (must select 17 option) 6A Auxiliary alarm contacts, form C  BAC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10K Anti-condensation heater 10P Panel Mounting Post (Factory Insalled Includes Duplex Install. Killjendosure upsked to 1073/6/16 Max 14*x12*67) 11C NEMA 1 alarm panel (must select option 6A) 11S Lockable latch - NEMA 4X 11D NEMA 4X alarm panel (must select option 6A) 11S Lockable latch - NEMA 4X 11D NEMA 4X alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 11D NEMA 4X ord in lieu of 20' (per float) 11D NEMA 4X ord in lieu of 20' (per float) 11D NEMA 4X ord in lieu of 20' (per float) 11D NEMA 4X ord in lieu of 20' (per float) 11D NEMA 4X ord in lieu of 20' (per float) 11D NEMA 4X ord in lieu of 20' (per float) 11D NEMA 4X ord in lieu of 20' (per float) 11D NEMA 4X ord in lieu of 2		= ston_start_and_alarm) (select 17 ontion)
demand dose  X = no floats timed dose demand dose  C = C-Level* sensor (must select 24 or 29 option) (select option 3£ and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose demand dose Note: Pump down applications only, Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  Code Description 1J Duo alarm inputs 3A Alarm flasher 3B Manual alarm reset 3B Manual alarm reset 3B Manual alarm reset 3B High water alarm float (must select 17 option) (Available only when Switch Applications = C) 4A Redundant off (select option 4D if floats are required) Demand Dose 4D Redundant off float (must select 4A option) (must select 17 option) 6A Auxilary alarm contacts, form C  B&O Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only), (Included as standard) 1DE Lockable latch - NEMA 4X 1DF Lightning arrestor (must select pump circuit breaker, control and alarm power combined) 1DR NEMA 4X alarm panel (must select pump circuit breaker, control and alarm panel (must select pump circuit breaker, control and alarm panel (must select pump circuit breaker, control and alarm panel (must select pump circuit breaker, control and alarm panel (must select pump circuit breaker, control and alarm panel (must select option 6A) 110 KEMA 1 alarm panel (must select option 6A) 1110 NEMA 1 alarm panel (must select option 6A) 1121 NEMA 1 alarm panel (must select option 6A) 1134 NEMA 2 (Nema 2 Nema 2 N		
X = no floats timed dose demand dose C = C-Level* sensor (must select 24 or 29 option) (select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose demand dose Note: Pump down applications only. Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below    1J Duo alarm inputs		
C = C-Level" sensor (must select 24 or 29 option) (select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose demand dose Note: Pump down applications only. Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  CODE DESCRIPTION 17 Duo alarm inputs 3A Alarm flasher 3B Manual alarm reset 3B Manual alarm float (must select 17 option) (Available only when Switch Applications = C) 4A Redundant off (select option 4D if floats are required) Demand Dose 4D Redundant off (select option 4D if floats are required) Demand Dose 4D Redundant off float (must select 4A option) (must select 17 option) (Available only with a float select 17 option) (Available only when switch Applications = C) 4D Redundant off float (must select 4A option) (must select 17 option) (Available only with a float select 17 option) (Available only when switch Applications = C) 4D Redundant off float (must select 4A option) (must select 17 option) (Available only when switch Applications = C) 4D Redundant off float (must select 4A option) (must select 17 option) (Available only when switch Applications = C)  BAC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard)  DEL Lockable latch - NEMA 4X  TIP Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  TIP All the provided float (per float)  TIP All the provided float (per float		
C = C-Level" sensor (must select 24 or 29 option) (select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose demand dose demand dose Note: Pump down applications only. Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below    Code Description   175 Sensor Float" / internally weighted ▲ (per float)   170 Sensor Float" / externally weighted ▲ (per float)   171 Sensor Float" / externally weighted ▲ (per float)   172 Sensor Float" / externally weighted ▲ (per float)   173 Sensor Float" / externally weighted ▲ (per float)   174 MilliampMaster" / pipe clamp ♠ (per float)   174 MilliampMaster" / pipe clamp ♠ (per float)   174 MilliampMaster" / pipe clamp ♠ (per float)   175 Sensor Float" / externally weighted ♠ (per float)   176 Sensor Float" / externally weighted ♠ (per float)   176 Sensor Float" / externally weighted ♠ (per float)   177 Sensor Float" / externally weighted ♠ (per float)   178 Sensor Float" / externally weighted ♠ (per float)   178 Sensor Float" / externally weighted ♠ (per float)   178 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (per float)   179 Sensor Float" / externally weighted ♠ (		
(select option 3E and/or 4A & 4D for high water alarm and/or redundant off floats) timed dose  Note: Pump down applications only. Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below    17		
Code   Description		nd/or redundant off floats)
Note: Pump down applications only.  Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below    CODE   DESCRIPTION   170		
Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.  OPTIONS Listed below  CODE DESCRIPTION  1.1 Duo alarm inputs  3.3 Alarm flasher  3.4 Alarm flasher  3.5 High water alarm float (must select 17 option) (Available only when Switch Applications = C)  4.5 Redundant off (select option 4D if floats are required) Demand Dose Timed Dose  4.6 Redundant off float (must select 4A option) (must select 17 option) 6.6 Auxillary alarm contacts, form C  2.4 BAC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only), (Included as standard.)  1.0 E Lockable latch - NEMA 4X  1.0 Panel Mounting Post (Factory Installed.Includes Duplex Install. Kit)(Endosure upsized to 10'x8'x6".Max 14'x12'x6")  1.1 Due alarm panel (must select option 6A)  1.2 EZconnex® 3-Port, 50, w/10 floats (3) /pipe clamp ★ 35E EZconnex® 3-Port, 50, w/10 floats (4) /pipe clamp ★ 35E EZconnex® 4-Port, 25, w/20 floats (4) /pipe clamp ★ 35E EZconnex® 3-Port, 50, w/20 floats (4) /pipe clamp ★ 35E EZconnex® 3-Port, 50, w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/10 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/10 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★ 36E EZconnex® 3-Port, 50 w/20 floats (2) /pipe clamp, sealing plug ★		
CODE DESCRIPTION  1. Duo alarm inputs  3. A Alarm flasher  3. B Manual alarm reset  3. E High water alarm float (must select 17 option) (Available only when Switch Applications = C)  4. A Redundant off (select option 4D if floats are required) Demand Dose Timed Dose  4. D Redundant off float (must select 4A option) (must select 17 option)  6. A Auxiliary alarm contacts, form C  8. A C Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only), (Included as standard.)  10. E Lockable latch - NEMA 4X  10. F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10. NEMA 4 alarm panel (must select option 6A)  11. Duo alarm inputs  11. NEMA 4 alarm panel (must select option 6A)  11. D Lightning arrestor (must select option 6A)  11. NEMA 4 alarm panel (must select option 6A)  11. D Lightning arrestor (must select option 6A)  12. EZconnex® 4-Port, 25, w/20° (floats (3) /pipe clamp ★ 35D EZconnex® 4-Port, 25, w/20° (floats (4) /pipe clamp ★ 35D EZconnex® 4-Port, 50, w/20° (floats (4) /pipe clamp ★ 35D EZconnex® 4-Port, 50, w/20° (floats (4) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port, 50° w/20° (floats (2) /pipe clamp ★ 35D EZconnex® 3-Port	Industry practices suggest that a secondary device, such	n as a float switch, be used for redundant
CODE DESCRIPTION  1.1 Duo alarm inputs  3A Alarm flasher  3B Manual alarm reset  3E High water alarm float (must select 17 option) (Available only when Switch Applications = C)  4A Redundant off (select option 4D if floats are required) Demand Dose  4D Redundant off float (must select 4A option) (must select 17 option)  6A Auxiliary alarm contacts, form C  8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X  10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  11C NEMA 1 alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 6X of mileu of 20' (per float)  12D Alarm circuit breaker 13D Alarm circuit breaker 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 4-Port, 25', w/10 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (4) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (2) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (2) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (2) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (2) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (2) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (2) /pipe clamp ★ 13D Ezconnex* 3-Port, 50', w/20 floats (2) /pipe clamp ★ 13D Ezconnex* 3-Port,		
13 Duo alarm inputs 3 A Alarm flasher 3 B Manual alarm reset 3 E High water alarm float (must select 17 option) (Available only when Switch Applications = C) 4 R Redundant off (select option 4D if floats are required) Demand Dose Timed Dose 4 D Redundant off float (must select 17 option) 6 A Auxiliary alarm contacts, form C 8 AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.) 10 E Lockable latch - NEMA 4X 10 F Lightning arrestor (must select pump circuit breaker, control and alarm power combined) 11 C NEMA 4 alarm panel (must select option 6A) 11 NEMA 4 valarm panel (must select option 6A) 11 NEMA 4 valarm panel (must select option 6A) 15 C Control / Alarm circuit breaker 16 A 10' cord in lieu of 20' (per float) 16 40' cord in lieu of 20' (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / ipipe clamp ♠ (per float) 18 A Timer override float (timed dose float panel only) 24E C-Level* CL40 sensor with 4' vent tube & 20' cord 24H C-Level* CL40 sensor with 8' vent tube & 20' cord 24H C-Level* CL40 sensor with 8' vent tube & 20' cord 24H C-Level* CL100 sensor w/10' vent tube & 20' cord 29S C-Level* CL100 sensor w/10' vent tube & 20' cord 30 EZconnex* 3-Port, 25', w/10' floats (3) /pipe clamp ★ 31 EZconnex* 3-Port, 25', w/10' floats (3) /pipe clamp ★ 32 EZconnex* 3-Port, 25', w/10' floats (4) /pipe clamp ★ 33 EZconnex* 4-Port, 50', w/10' floats (4) /pipe clamp ★ 34 EZconnex* 4-Port, 50', w/20' floats (4) /pipe clamp ★ 35 EZconnex* 3-Port, 50' w/10' floats (2) /pipe clamp ★ 36 EZconnex* 3-Port, 50' w/20' floats (2) /pipe clamp ★ 36 EZconnex* 3-Port, 50' w/20' floats (2) /pipe clamp ★ 36 EZconnex* 3-Port, 50' w/20' floats (2) /pipe clamp, 36 EZconnex* 3-Port, 50' w/20' floats (2) /	OF HONG Listed below —	
13 Duo alarm inputs 3 A Alarm flasher 3 B Manual alarm reset 3 E High water alarm float (must select 17 option) (Available only when Switch Applications = C) 4 R Redundant off (select option 4D if floats are required) Demand Dose Timed Dose 4 D Redundant off float (must select 17 option) 6 A Auxiliary alarm contacts, form C 8 AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.) 10 E Lockable latch - NEMA 4X 10 F Lightning arrestor (must select pump circuit breaker, control and alarm power combined) 11 C NEMA 4 alarm panel (must select option 6A) 11 NEMA 4 valarm panel (must select option 6A) 11 NEMA 4 valarm panel (must select option 6A) 15 C Control / Alarm circuit breaker 16 A 10' cord in lieu of 20' (per float) 16 40' cord in lieu of 20' (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / internally weighted ♠ (per float) 17 Sensor Floate* / ipipe clamp ♠ (per float) 18 A Timer override float (timed dose float panel only) 24E C-Level* CL40 sensor with 4' vent tube & 20' cord 24H C-Level* CL40 sensor with 8' vent tube & 20' cord 24H C-Level* CL40 sensor with 8' vent tube & 20' cord 24H C-Level* CL100 sensor w/10' vent tube & 20' cord 29S C-Level* CL100 sensor w/10' vent tube & 20' cord 30 EZconnex* 3-Port, 25', w/10' floats (3) /pipe clamp ★ 31 EZconnex* 3-Port, 25', w/10' floats (3) /pipe clamp ★ 32 EZconnex* 3-Port, 25', w/10' floats (4) /pipe clamp ★ 33 EZconnex* 4-Port, 50', w/10' floats (4) /pipe clamp ★ 34 EZconnex* 4-Port, 50', w/20' floats (4) /pipe clamp ★ 35 EZconnex* 3-Port, 50' w/10' floats (2) /pipe clamp ★ 36 EZconnex* 3-Port, 50' w/20' floats (2) /pipe clamp ★ 36 EZconnex* 3-Port, 50' w/20' floats (2) /pipe clamp ★ 36 EZconnex* 3-Port, 50' w/20' floats (2) /pipe clamp, 36 EZconnex* 3-Port, 50' w/20' floats (2) /	CODE DESCRIPTION	CODE DESCRIPTION
3B Manual alarm reset  3E High water alarm float (must select 17 option) (Available only when Switch Applications = C)  4A Redundant off (select option 4D if floats are required) Demand Dose Timed Dose  4D Redundant off float (must select 4A option) (must select 17 option) 6A Auxiliary alarm contacts, form C  8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X 10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined) 11D NEMA 1 alarm panel (must select option 6A) 11D NEMA 4X alarm panel (mus	1J Duo alarm inputs	17C Sensor Float® / internally weighted ▲ (per float)
3E High water alarm float (must select 17 option) (Available only when Switch Applications = C)  4A Redundant off (select option 4D if floats are required) Demand Dose Timed Dose Timed Dose Timed Dose A Redundant off float (must select 4A option) (must select 17 option)  6A Auxiliary alarm contacts, form C  8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X  10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  11C NEMA 1 alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)		
A Redundant off (select option 4D if floats are required) Demand Dose Timed Dose  4D Redundant off float (must select 4A option) (must select 17 option)  6A Auxiliary alarm contacts, form C  BAC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X  10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10K Anti-condensation heater  10P Panel Mounting Post (Factory Installed.Includes Duplex Install. Kit)(Enclosure upsized to 10°x8°x6″.Max 14°x12°x6″)  11D NEMA 1 alarm panel (must select option 6A)  11D NEMA 4x alarm panel (must select option 6A)  11D NEMA 4x alarm panel (must select option 6A)  11D NEMA 1 alarm circuit breaker (most select option 6A)  11D NEMA 1 alarm panel (must select option 6A)  11D Nema 1 alarm panel (must select option 6A)  11D Nema 1 alarm panel (must select option 6A)  11D Nema 2 alarm panel (must select option 6A)  11D Nema 3 alarm circuit breaker (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  11D Nema 4 alarm panel (must select option 6A)  12D A C-Level® CL40 sensor with 4' vent tube & 40' cord  12D A C-Level® CL40 sensor with 4' vent tube & 40' cord  12D A C-Level® CL40 sensor with 4' vent tube & 40'		
Demand Dose Timed Dose  4D Redundant off float (must select 4A option) (must select 17 option)  6A Auxiliary alarm contacts, form C  8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X 10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10K Anti-condensation heater  10P Panel Mounting Post (Factory Installed.Includes Duplex Install. Ki()(Enclosure upsized to 10°x8°x6°Max 14"x12"x6")  11D NEMA 1 alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 15A Control / Alarm circuit breaker 15A Control / Alarm circuit breaker 15A Control / Alarm circuit breaker 15B A 10° cord in lieu of 20° (per float) 16B 15° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 50 cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 50 cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord in lieu of 20° (per float) 16D 40° cord		
Timed Dose  4D Redundant off float (must select 4A option) (must select 17 option)  6A Auxiliary alarm contacts, form C  8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X  10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10K Anti-condensation heater  10P Panel Mounting Post (Factory Installed Includes Duplex Install. kit)(Enclosure upsized to 10*x8*x6**,%0**,Max 14*x12*x6**)  11C NEMA 1 alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D Nema 6A (10* cord in lieu of 20* (per float))  16C 30* cord in lieu of 20* (per float)  16C 30* cord in lieu of 20* (per float)  16D 40* cord in lieu of 20* (per float)  36H EZconnex* 3-Port, 25* w/20* floats (2) /pipe clamp, sealing plug ★  36H EZconnex* 3-Port, 50* w/20* floats (2) /pipe clamp, sealing plug ★  36H EZconnex* 3-Port, 50* w/20* floats (2) /pipe clamp, sealing plug ★  36H EZconnex* 3-Port, 50* w/20* floats (2) /pipe clamp, sealing plug ★  36H EZconnex* 3-Port, 50* w/20* floats (2) /pipe clamp, sealing plug ★		
(must select 4A option) (must select 17 option) 6A Auxiliary alarm contacts, form C 8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X 10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10K Anti-condensation heater 10P Panel Mounting Post (Factory Installed.Includes Duplex Install. Kit)(Enclosure upsized to 10"x8"x6".Max 14"x12"x6")  11C NEMA 1 alarm panel (must select option 6A) 11D NEMA 4X alarm panel (must select option 6A) 15A Control / Alarm circuit breaker (must select option 6A) 15B Control / Alarm circuit breaker (must select option 6A) 16B 15' cord in lieu of 20' (per float) 16C 30' cord in lieu of 20' (per float) 16D 40'		
Auxiliary alarm contacts, form C  8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X  10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10K Anti-condensation heater  10P Panel Mounting Post (Factory Installed.Includes Duplex Install. Kit)(Enclosure upsized to 10"x8"x6".Max 14"x12"x6")  11C NEMA 1 alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  15A Control / Alarm circuit breaker (must select option 6A)  16B 15' cord in lieu of 20' (per float)  16C 30' cord in lieu of 20' (per float)  16D 40' cord in lieu of 20' (per float)  36H EZconnex® 3-Port, 25' w/20' floats (2) /pipe clamp, sealing plug ★  36D EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp, sealing plug ★  36D EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp, sealing plug ★  36D EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp, sealing plug ★  36D EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp, sealing plug ★  36D EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp, sealing plug ★  36D EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp, sealing plug ★		
counter, alarm counter, and override counter (timed dose only). (Included as standard.)  10E Lockable latch - NEMA 4X  10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)  10K Anti-condensation heater  10P Panel Mounting Post (Factory Installed.Includes Duplex Install. Kit)(Enclosure upsized to 10"x8"x6".Max 14"x12"x6")  11C NEMA 1 alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  11D NEMA 4X alarm panel (must select option 6A)  15A Control / Alarm circuit breaker (must select option foat)  16B 15' cord in lieu of 20' (per float)  16D 40' cord in lieu of 20' (per float)  16D 40' cord in lieu of 20' (per float)  16D 40' cord in lieu of 20' (per float)  17D 29B C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 29X No C-Level™ CL100 sensor w/10' vent tube & 40' cord 39		
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sealing plug *  36H EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp,		
36H EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp,	[ 10D 40 cold in field of 20 (per float)	
		36H EZconnex® 3-Port, 50' w/20' floats (2) /pipe clamp,

● Mechanically-activated ▲ Mercury-activated ★ EZconnex® mechanically-activated, narrow angle float switches with quick release connections.

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