

INSTALLER FRIENDLY SERIES® - IFS Single Phase Simplex (Demand/TD)

Single phase, simplex demand dose or timed dose, float 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 IFS control 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.

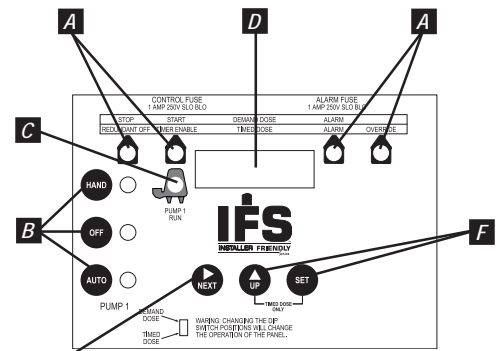
TOUCH PAD FEATURES

- A. **Float Indicators** illuminate when floats 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: 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).

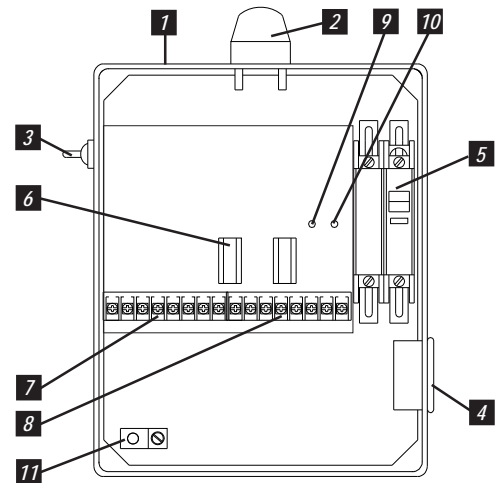
PANEL COMPONENTS

1. **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.
2. **Red Alarm Beacon** provides 360° visual check of alarm condition.
3. **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.
4. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
5. **Circuit Breaker** (optional) provides pump disconnect and branch circuit protection.
6. **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**
9. **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



Model Shown IFS11W114X8AC (Inner door view)



Model Shown IFS11W114X8AC (Inside view)

Reg. Cdn Pat. & TM Off

FEATURES

- Entire control system (panel and switches) 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' SJE MilliAmpMaster™ control switches
 - Timed Dose** - two 20' SJE MilliAmpMaster™ control switches
- Complete with step-by-step installation instructions
- Three-year limited warranty

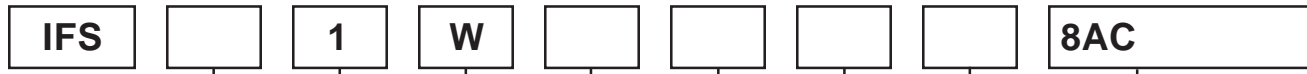


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MODEL IFS

- MODEL TYPE**
- 1 = SPLX TIMED DOSE (includes option 8AC standard) \$740.00
 - 2 = SPLX DEMAND DOSE (includes option 8AC standard) \$765.00
- ALARMPACKAGE**
- 1 = alarm package (includes test/normal/silence switch, fuse, red light & horn) Base
- ENCLOSURERATING**
- W = NEMA 4X Base
- STARTING DEVICE**
- 1 = 120/208/240 VAC Base
 - 9 = 120 VAC Base
- PUMP FULL LOAD AMPS**
- 0 = 0-7 FLA Base
 - 1 = 7-15 FLA Base
 - 2 = 15-20 FLA \$80.00
- PUMP DISCONNECTS**
- 0 = no pump disconnect Base
 - 4 = circuit breaker
 - 120 VAC (must select starting device option 9) \$35.00
 - 120/208/240 VAC (must select starting device option 1) \$70.00
- SWITCH APPLICATIONS**
- H = floats (Timed dose = low level and alarm / Demand dose = stop, start, and alarm) (select 17 option) Base
 - X = no float
 - timed dose \$50.00
 - demand Dose -\$75.00

Note: Pump down applications only.

OPTIONS *Listed below*

Total Options _____
TOTAL LIST PRICE _____

If additional features are required, call the factory for a quote on an Engineered Custom control panel.

CODE DESCRIPTION	LIST PRICE	CODE DESCRIPTION	LIST PRICE
<input type="checkbox"/> 1J Duo alarm inputs	\$25.00	<input type="checkbox"/> 11D NEMA 4X remote alarm panel (must select option 6A)	\$250.00
<input type="checkbox"/> 3A Alarm flasher	\$50.00	<input type="checkbox"/> 15A Control / Alarm circuit breaker	\$85.00
<input type="checkbox"/> 3B Manual reset alarm	\$90.00	<input type="checkbox"/> 16A 10' cord in lieu of 20' (per float)	-\$2.00
<input type="checkbox"/> 4A Redundant off (select option 4D if floats are required) Demand Dose	\$55.00	<input type="checkbox"/> 16B 15' cord in lieu of 20' (per float)	-\$1.00
Timed Dose	\$0.00	<input type="checkbox"/> 16C 30' cord in lieu of 20' (per float)	\$5.00
<input type="checkbox"/> 4D Redundant off float	\$25.00	<input type="checkbox"/> 16D 40' cord in lieu of 20' (per float)	\$15.00
<input type="checkbox"/> 6A Auxiliary alarm contacts, form C	\$40.00	<input type="checkbox"/> 17C Sensor Float® / internally weighted ▲ (per float) ..	\$5.00
<input checked="" type="checkbox"/> 8AC Display board includes: ETM counter, events (cycles) counter, alarm counter, and override counter (timed dose only). (Included as standard.)	\$0.00	<input type="checkbox"/> 17D Sensor Float® / externally weighted ▲ (per float) ..	\$7.00
<input type="checkbox"/> 10E Lockable latch - NEMA 4X	\$40.00	<input type="checkbox"/> 17G MilliAmpMaster™ / pipe clamp ● (per float)	\$0.00
<input type="checkbox"/> 10F Lightning arrestor (must select pump circuit breaker, control and alarm power combined)	\$230.00	<input type="checkbox"/> 17H MilliAmpMaster™ / externally weighted ● (per float)	\$7.00
<input type="checkbox"/> 10K Anti-condensation heater	\$100.00	<input type="checkbox"/> 17J Sensor Float® / pipe clamp ▲ (per float)	\$0.00
<input type="checkbox"/> 11C NEMA 1 remote alarm panel (must select option 6A)	\$80.00	<input type="checkbox"/> 18A Timer override option with float (timed dose only)	\$25.00

● Mechanically-activated ▲ Mercury-activated

SAMPLE

MODEL	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">IFS</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">W</div> <div style="border: 1px solid black; padding: 2px 5px;">9</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">H</div> <div style="border: 1px solid black; padding: 2px 5px;">8AC 10E17G</div> </div>	LIST PRICE	
Model Type		IFS1	\$740.00
Alarm Package		1	Base
Enclosure Rating		W	Base
Starting Device		9	Base
Pump Full Load Amps		1	Base
Pump Disconnects		4	\$35.00
Switch Application		H	Base
Options: Display, Lockable Latch, SJE MilliAmpMaster™/pipe clamp		8AC	\$0.00
		10E	\$40.00
		17G	\$0.00
		TOTAL LIST PRICE	\$815.00