


# JFx

## Jockey Pump Controller

**Model JFA - Full voltage across the line starter**  
**Model JFY - Wye-delta open starter**  
**Micro Processor Based**  
with  **Operator Interface**

### Standard Features

- iPD+ micro-processor based operator interface
- All adjustments on door front
- Visual indicators
  - Manual motor run
  - Automatic motor run
  - System pressure
  - Automatic mode
  - Off mode
- Timers
  - Minimum run period timer
  - Sequential start timer
- Operators
  - OFF-AUTO pushbutton
  - Start and stop pushbuttons
- IP55 enclosure
- Pressure transducer
- Thermo-magnetic protector
- Contactor



The JFx Series jockey pump controllers are specifically designed to control jockey pumps in order to maintain the desired water pressure in fire pump serviced systems. A jockey pump installation prevents unnecessary starting of the fire pump due to small leaks in the sprinkler system piping.

The JFx Series jockey pump controller is supplied with the front door mounted, micro-processor based iPD+ operator interface. The iPD+ allows the user to set and adjust all parameters required such as start and stop pressures, ON or OFF timers and unit of measure (psi, bar, kPA, height of water column in feet, or meter) without having to open

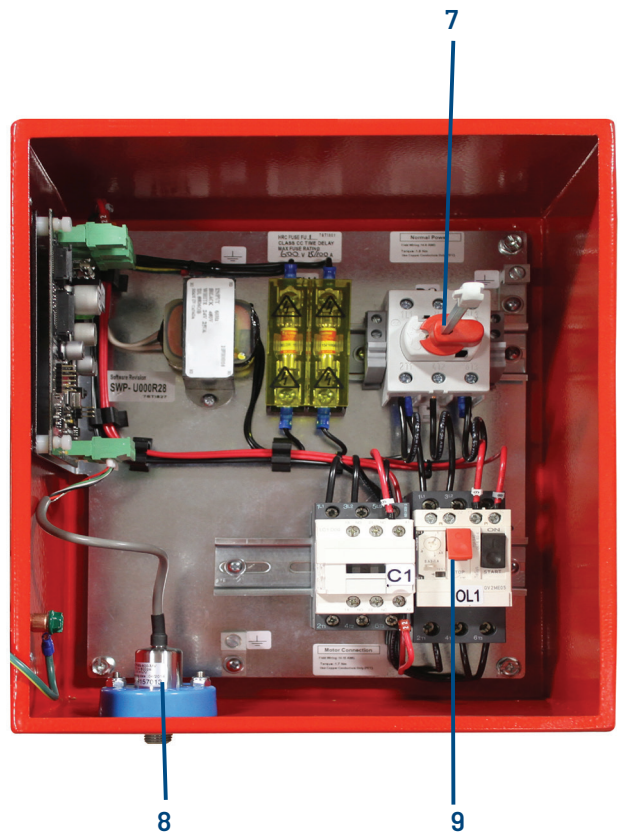
the controller door. The iPD+ also continuously displays the system pressure. LED visual indications include manual motor run, automatic motor run, system pressure above stop pressure setting, system pressure in-between start and stop pressure setting and system pressure below start pressure setting.

The standard power circuit consists of a horsepower rated disconnect switch, interlocked with front door, a thermo-magnetic protector and one or three power contactor(s).<sup>(1)</sup>



(1) One contactor for JFA and three contactors for JFY

**iPD+** OPERATOR INTERFACE



1. High luminosity four digit digital display
2. Motor run LEDs (manual start or automatic start)
3. Start and stop pushbuttons
4. OFF-AUTO position pushbutton and visual indication (LED)
5. System status diagnostic LED's for:
  - i. Green: system pressure at or above cut-out value
  - ii. Yellow: system pressure between cut-in and cut-out
  - iii. Red: system pressure at or below cut-in valve

6. Navigation keypad
7. Horsepower rated door interlocked rotary type disconnect switch
8. Pressure transducer with 0-600psi (0-40 Bar) range and 316 stainless steel construction
9. Motor starter with thermo-magnetic protector and power rated contactor

**HOW TO ORDER:** JFx- V/ HP or kW/ Ph/ Hz  
 Ex: JFY - 380/ 1.1kW/ 3Ph/ 50Hz

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