TORNATECH

LISTEN DEVELOP LEAD

Model JP

Jockey Pump Controller

Full voltage across the line starter

Solid State Controls with Digital

iPD+ Operator Interface

Standard Features

- Solid state controls with digital iPD+ operator interface
- All adjustments on door front
- Visual indicators
  - Manual motor run
  - Automatic motor run
  - System pressure
  - Automatic mode
  - Off mode
  - Motor overload
  - Pump start counter
  - Elapsed time meter (hours / non-resettable)
- Timers
  - Minimum run period timer
  - Sequential start timer
- Operators
  - OFF-AUTO pushbutton
  - Start and stop pushbuttons
- NEMA 2 enclosure
- Pressure transducer
- Fuseless magnetic motor starter

The model JP 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 model JP jockey pump controller is supplied with the front door mounted, solid state controls with digital 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 units of measure (psi, bar, kPA, feet of head, meter of head) without having to open the controller door. The iPD+ also continuously displays the system pressure and the start and stop pressure settings. 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, a thermo-magnetic motor protector and a motor contactor for across the line full voltage starting. Consult factory for other types of motor protection or starting methods available.

Individual models are specific to the voltage available on site:

- **JP1:** 120 V / Hp (kW) / single phase / 60Hz
- **JP2:** 220 to 240 V / Hp (kW) / single phase / 50 or 60Hz
- **JP3:** 208 to 600 V / Hp (kW) / three phase / 50 or 60Hz

	Tornatech Inc Laval, Canada	Tornatech Europe SA Wavre, Belgium	Tornatech FZE Dubai, UAE
Standard Enclosure Rating	NEMA 2	IP55	NEMA 2
CE	Optional	Standard	Optional
SEISMIC COMPLIANT	Optional	Optional	Optional

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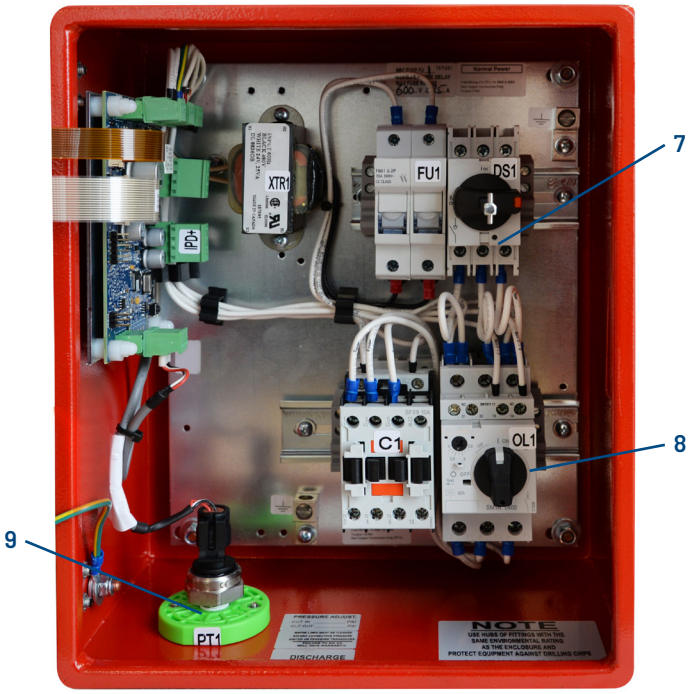
OPERATOR INTERFACE

1. High luminosity four digit digital display
2. 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 value
3. Motor run LEDs (manual start or automatic start)
4. Start and stop pushbuttons
5. Navigation keypad
6. OFF-AUTO position pushbutton and visual indication (LED)
7. Horsepower rated door interlocked rotary type disconnect switch
8. Fuseless magnetic motor starter with thermo-magnetic motor protector and horsepower rated contactor
9. Pressure transducer with 0-600psi range and stainless steel construction



HOW TO ORDER: JPx - V / HP / Ph / Hz / Options

Ex.: JP3 - 208 / 2 / 3 / 60 / Options

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