





- START SETTING.
- B - FOR MANUAL START, PRESS THE "START" PUSHBUTTON.
- C - FOR EMERGENCY START, PUSH "EMERGENCY RUN" MECHANISM.  
TURN TO LOCK IN "RUN" POSITION.

TO STOP

1. PRESS "STOP" PUSHBUTTON.
2. IF IN EMERGENCY RUN POSITION:
  - A - PLACE CIRCUIT BREAKER IN THE "OFF" POSITION.
  - B - TURN "EMERGENCY RUN" MECHANISM AND RELEASE.
  - C - PLACE CIRCUIT BREAKER IN THE "ON" POSITION.
3. IF PUMP RESTARTS, PUMP PRESSURE IS BELOW THE PRESSURE START SETTING.

NP-0058-701

CATALOG  
NUMBER

FTA1900-AM60B

SERIAL  
NUMBER

390707-01RE

ENCLOSURE  
TYPE

2

HP

60

VOLTS

440-480

PHASE

3

HERTZ

60

MAX SYS.  
PRESSURE

PSI

300

BARS

21

MAINTAIN CONTROLLER  
TEMPERATURE ABOVE 40°F (5°C)

SUITABLE FOR USE ON A CIRCUIT CAPABLE  
OF DELIVERING NOT MORE THAN

100,000

NORMAL

22,000

ALTERNATE

AMPS R.M.S. SYM. AT  
NAMEPLATE VOLTAGE

NP-1081 (E)





FIRE PROTECTION AND LIFE SAFETY SYSTEMS SINCE 1958

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NORMAL POWER

FIRE PUMP CONTROLLER AND  
TRANSFER SWITCH 480/277V  
3PH/4W NORMAL POWER FED BY  
SANTEE COOPER PAD MT. XFMR.  
EMERGENCY POWER FED BY GENERATOR

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<input type="checkbox"/> POWER AVAILABLE	<input type="checkbox"/> LOW PRESSURE
<input type="checkbox"/> PHASE FAILURE	<input type="checkbox"/> PUMP RUNNING
<input type="checkbox"/> PHASE REVERSAL	<input type="checkbox"/> DELUGE OPEN
<input type="checkbox"/> ALARM	<input type="checkbox"/> INTERLOCK ON
<input type="checkbox"/> TRANSFER SWITCH NORMAL	<input type="checkbox"/> EMERGENCY ISOLATING SWITCH OFF
<input type="checkbox"/> TRANSFER SWITCH EMERGENCY	

METER MENU ▲ ▼ ENTER  
PRINT DISPLAY HOME ▶ SAVE TO DISK ALARM SILENCE

**ELECTRIC FIRE PUMP CONTROLLER**

UL US LISTED 348L FIRE PUMP CONTROLLER  
SUITABLE FOR USE AS SERVICE EQUIPMENT

**Firetrol**

FM APPROVED  
ACCEPTED FOR USE CITY OF NEW YORK DEPARTMENT OF BUILDINGS NYS 78-63-6 VOL. 1

**CIRCUIT BREAKER → DISCONNECTING MEANS**

**TO START**

1. CLOSE DOOR AND THEN PLACE THE CIRCUIT BREAKER IN THE "ON" POSITION.
2. A - PUMP WILL START IF THE PUMP PRESSURE IS BELOW THE PRESSURE START SETTING.  
B - FOR MANUAL START, PRESS THE "START" PUSHBUTTON.  
C - FOR EMERGENCY START, PUSH "EMERGENCY RUN" MECHANISM. TURN TO LOCK IN "RUN" POSITION.

**TO STOP**

1. PRESS "STOP" PUSHBUTTON.
2. IF IN EMERGENCY RUN POSITION:  
A - PLACE CIRCUIT BREAKER IN THE "OFF" POSITION.  
B - TURN "EMERGENCY RUN" MECHANISM AND RELEASE.  
C - PLACE CIRCUIT BREAKER IN THE "ON" POSITION.
3. IF PUMP RESTARTS, PUMP PRESSURE IS BELOW THE PRESSURE START SETTING.





### CAUTION

THIS EQUIPMENT IS SUPPLIED FROM TWO POWER SOURCES. BEFORE ATTEMPTING MANUAL TRANSFER, SERVICE OF CONTROLLER, TRANSFER SWITCH, OR MOTOR, PROCEED AS FOLLOWS:

1. PLACE POWER TRANSFER SWITCH DISCONNECTING MEANS IN "OFF" POSITION. SEE INSTRUCTION PLATE ON INSIDE OF DOOR FOR MANUAL TRANSFER INSTRUCTIONS.
2. PLACE FIRE PUMP CONTROLLER DISCONNECTING MEANS IN "OFF" POSITION.

- TO PLACE IN SERVICE, PROCEED AS FOLLOWS:
1. CLOSE DOORS.
  2. PLACE FIRE PUMP CONTROLLER DISCONNECTING MEANS IN "ON" POSITION.
  3. PLACE POWER TRANSFER SWITCH DISCONNECTING MEANS IN "ON" POSITION.

NOTE — ENERGIZE FIRE PUMP CONTROLLER BEFORE ENERGIZING THE POWER TRANSFER SWITCH. NEVER ENERGIZE ONLY THE POWER TRANSFER SWITCH.

TO TEST TRANSFER SWITCH, PROCEED AS FOLLOWS:

1. ROTATE TEST SWITCH CLOCKWISE AND HOLD FOR 15 SECONDS. THIS ALLOWS UNINTERRUPTED TRANSFER TO EMERGENCY SOURCE (FIRE PUMP CONTROLLER DISCONNECTING MEANS MUST BE IN "ON" POSITION). TRANSFER SWITCH WILL REMAIN IN EMERGENCY POSITION FOR 5-30 MINUTES.
2. TO INITIATE IMMEDIATE RETRANSFER, ROTATE RETRANSFER TO NORMAL SWITCH CLOCKWISE. IF NORMAL POWER IS AVAILABLE, TRANSFER WILL OCCUR IN 3-5 SECONDS.

NP-1100 (D)

CATALOG  
NUMBER

FTA900-AL100B

SERIAL  
NUMBER

390707-01RE

ENCLOSURE  
TYPE

2

HP

60

VOLTS

440-480

PHASE

3

HERTZ

60

MAX SYS.  
PRESSURE

PSI

N/A

BARS

N/A

MAINTAIN CONTROLLER  
TEMPERATURE ABOVE 40°F (5°C)

SUITABLE FOR USE ON A CIRCUIT CAPABLE  
OF DELIVERING NOT MORE THAN

100,000

NORMAL

22,000

ALTERNATE

AMPS R.M.S. SYM. AT  
NAMEPLATE VOLTAGE

NP-1081 (E)



# FIRE PUMP POWER TRANSFER SWITCH

 LISTED 348L  
FIRE PUMP CONTROLLER



 APPROVED

THE EMERGENCY SIDE OF THE TRANSFER SWITCH, WHEN PROTECTED BY A CIRCUIT BREAKER, CARRIES THE SHORT CIRCUIT PROTECTION STATED BELOW.

 **DISCONNECTING MEANS**

### CAUTION

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1. PLACE POWER TRANSFER SWITCH DISCONNECTING MEANS IN "OFF" POSITION. SEE INSTRUCTION PLATE ON INSIDE OF DOOR FOR MANUAL TRANSFER INSTRUCTIONS.
2. PLACE FIRE PUMP CONTROLLER DISCONNECTING MEANS IN "OFF" POSITION.

TO PLACE IN SERVICE, PROCEED AS FOLLOWS:

1. CLOSE DOORS.
2. PLACE FIRE PUMP CONTROLLER DISCONNECTING MEANS IN "ON" POSITION.
3. PLACE POWER TRANSFER SWITCH DISCONNECTING MEANS IN "ON" POSITION.

NOTE — ENERGIZE FIRE PUMP CONTROLLER BEFORE ENERGIZING THE POWER TRANSFER SWITCH. NEVER ENERGIZE ONLY THE POWER TRANSFER SWITCH.

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2. TO INITIATE IMMEDIATE RETRANSFER, ROTATE RETRANSFER TO NORMAL SWITCH CLOCKWISE. IF NORMAL POWER IS AVAILABLE, TRANSFER WILL OCCUR IN 3-5 SECONDS.

MP-1108 (0)

CATALOG NUMBER	FTAB00-AL1000	SERIAL NUMBER	290707-01RE	ENCLOSURE TYPE	2	
HP	60	VOLTS	440-480	PHASE	3	
MAX SYS. PRESSURE	PSI	N/A	BARS	N/A	HERTZ	60
SUITABLE FOR USE ON A CIRCUIT CAPABLE OF DELIVERING NOT MORE THAN		100,000	22,000	MANTAIN CONTROLLER TEMPERATURE ABOVE 40°F (5°C)		
				AMPS R.M.S. BYM AT NAMEPLATE VOLTAGE		

2" APPLEBY