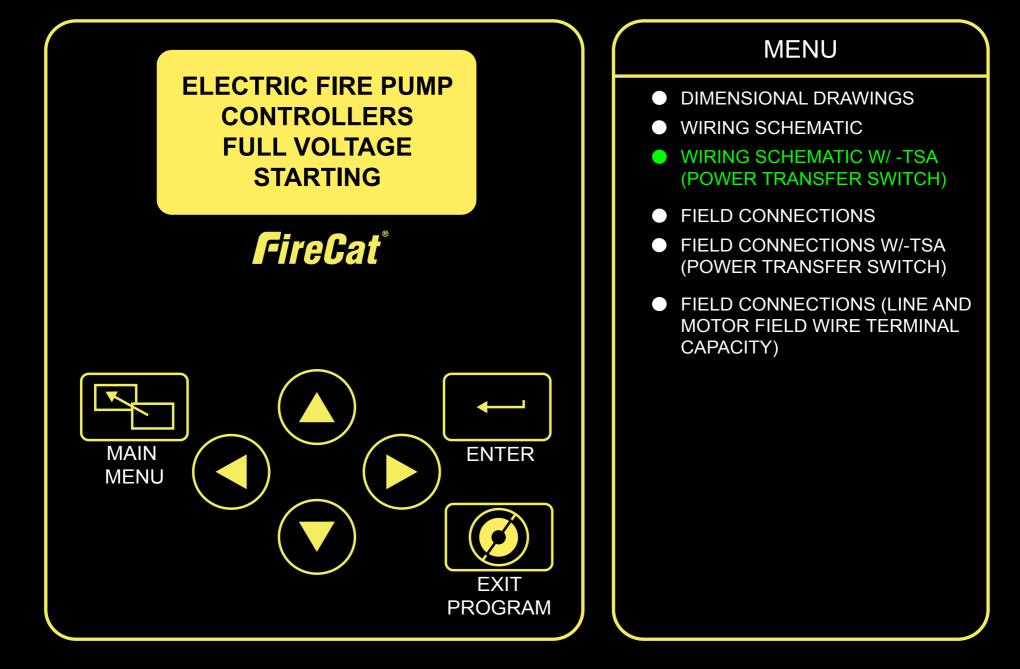
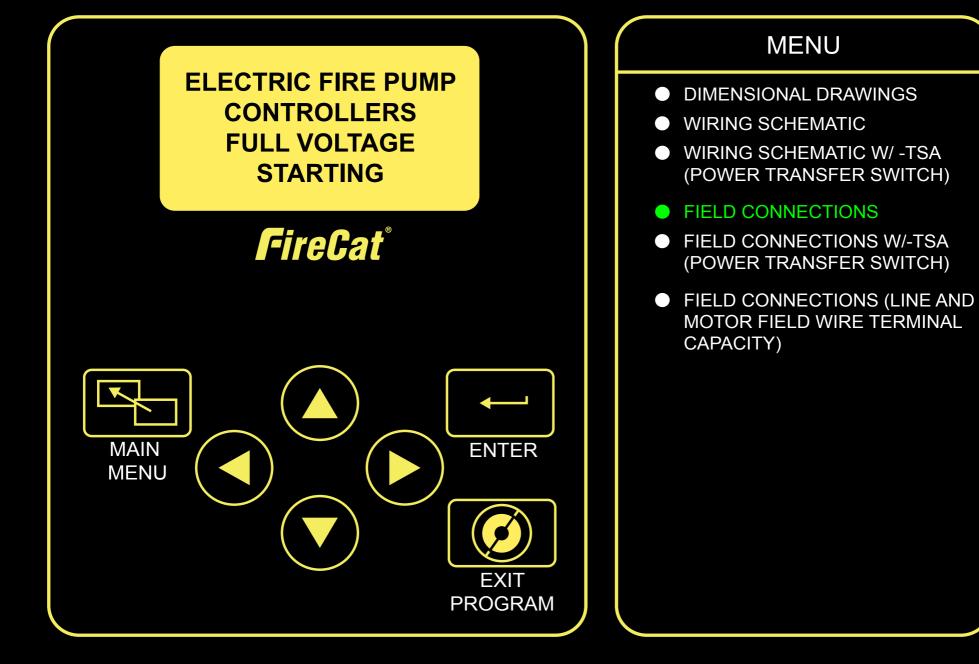


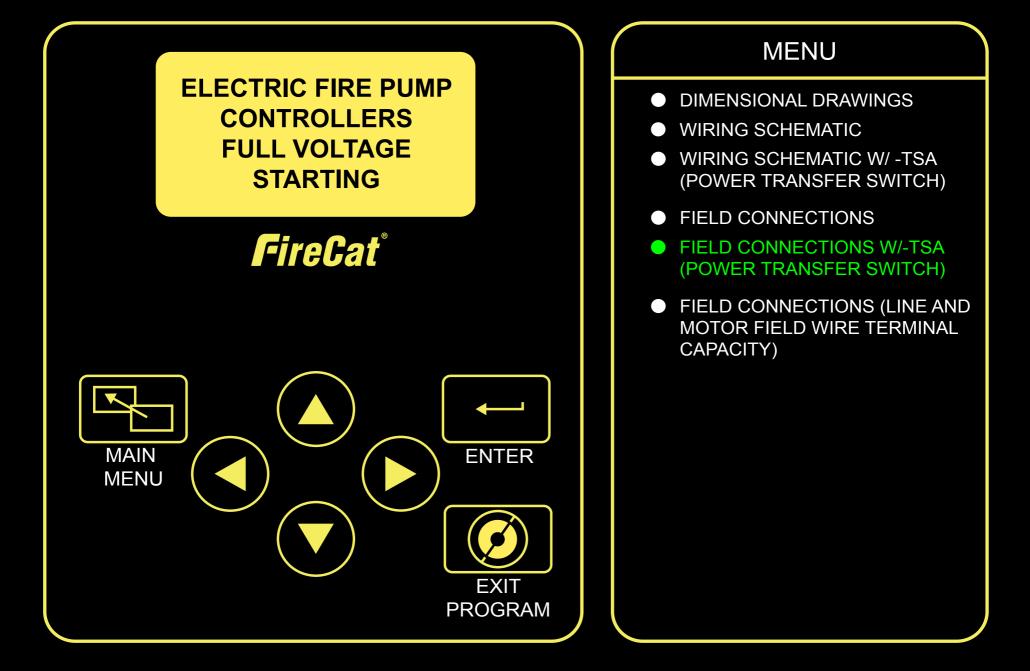
## MENU

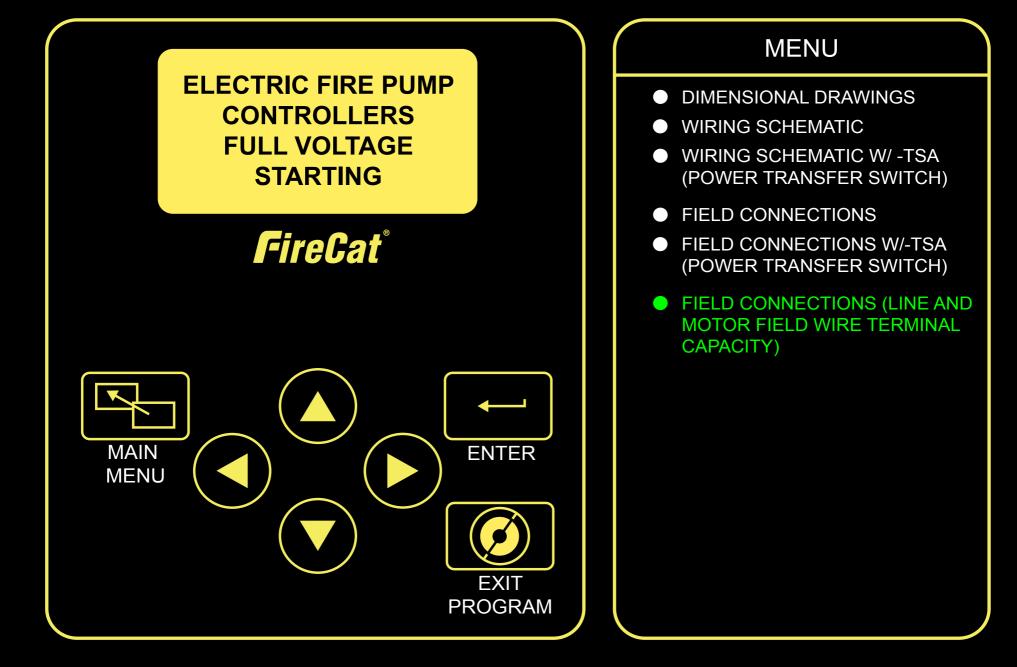
DIMENSIONAL DRAWINGS

- WIRING SCHEMATIC
- WIRING SCHEMATIC W/ -TSA (POWER TRANSFER SWITCH)
- FIELD CONNECTIONS
- FIELD CONNECTIONS W/-TSA (POWER TRANSFER SWITCH)
- FIELD CONNECTIONS (LINE AND MOTOR FIELD WIRE TERMINAL CAPACITY)



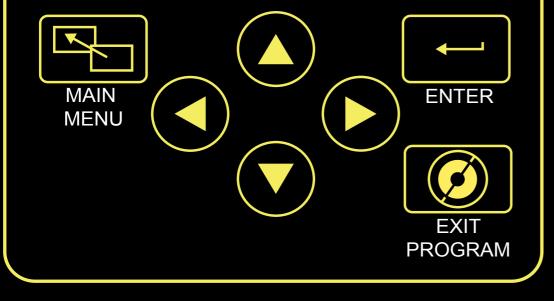






## ELECTRIC FIRE PUMP CONTROLLERS FULL VOLTAGE STARTING (DIMENSIONAL DRAWINGS)

# **FireCat**<sup>®</sup>



## MENU

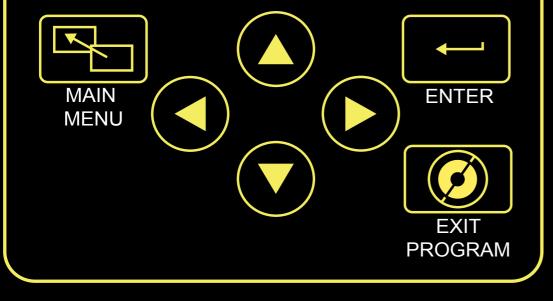
### STANDARD CONTROLLERS

LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	

LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	

## ELECTRIC FIRE PUMP CONTROLLERS FULL VOLTAGE STARTING (SUBMITTAL PACKAGES)

# **FireCat**<sup>®</sup>

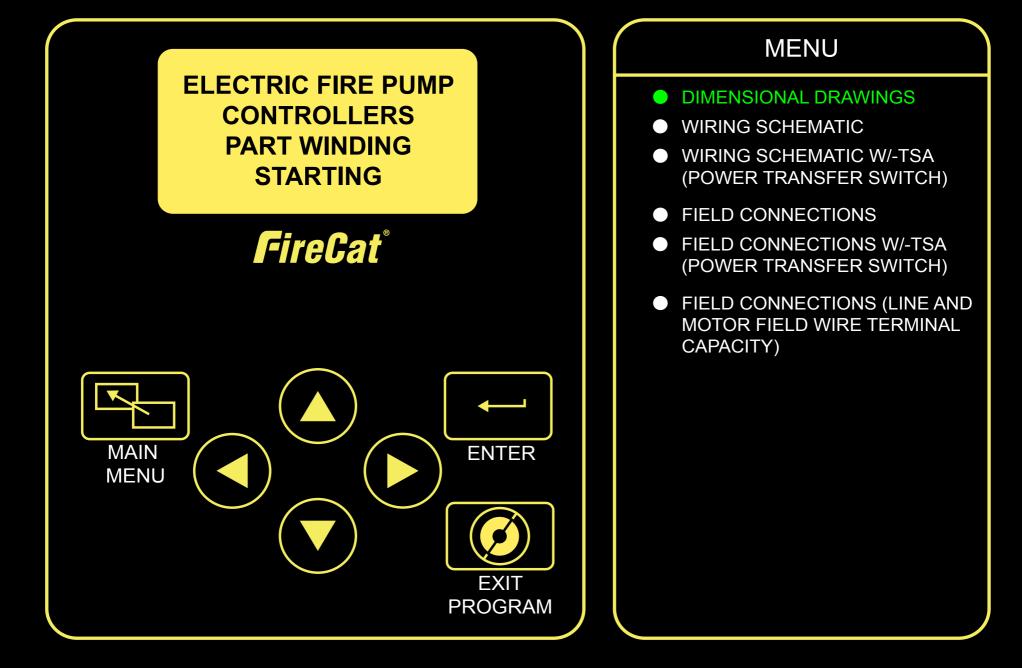


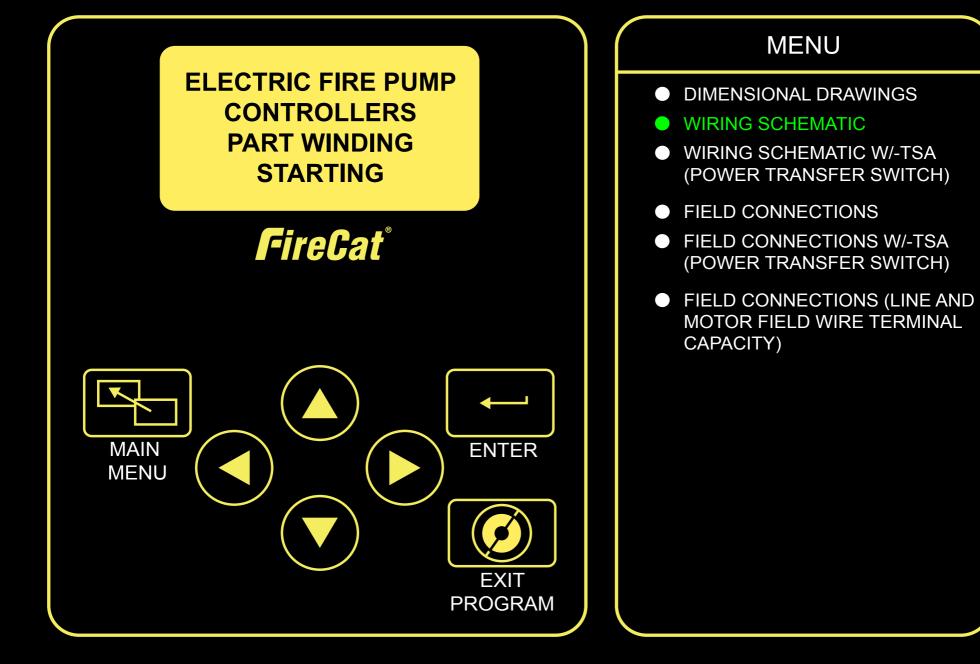
## MENU

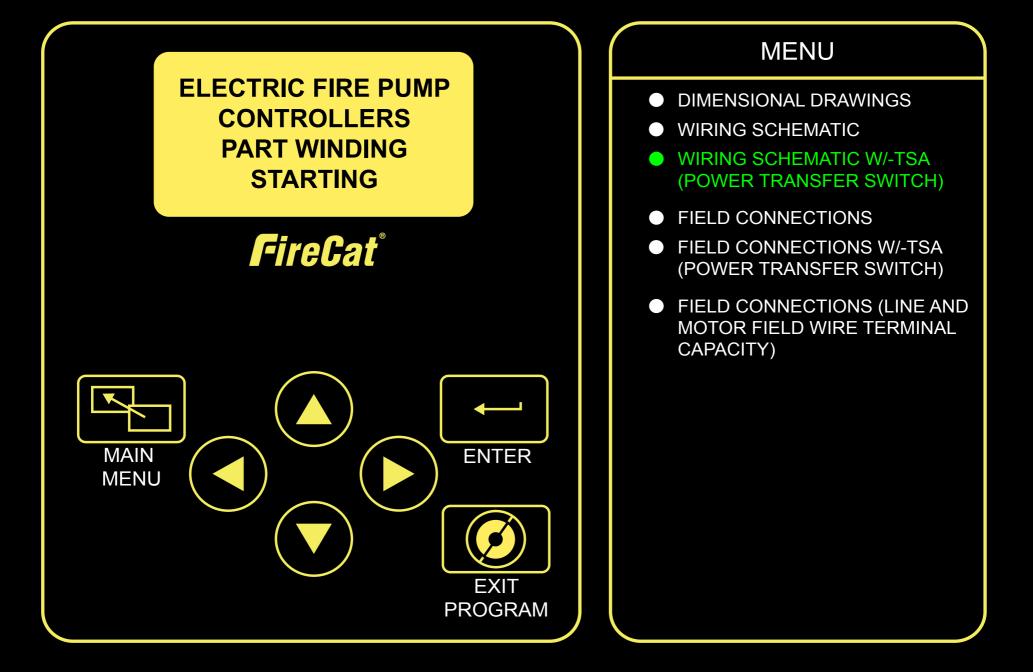
### STANDARD CONTROLLERS

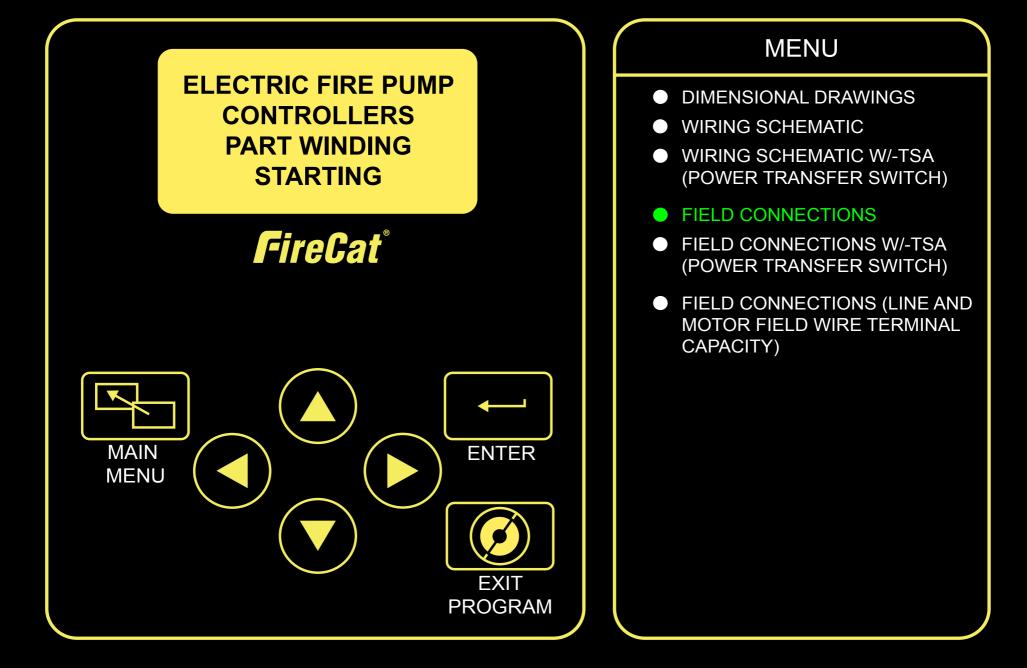
LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	

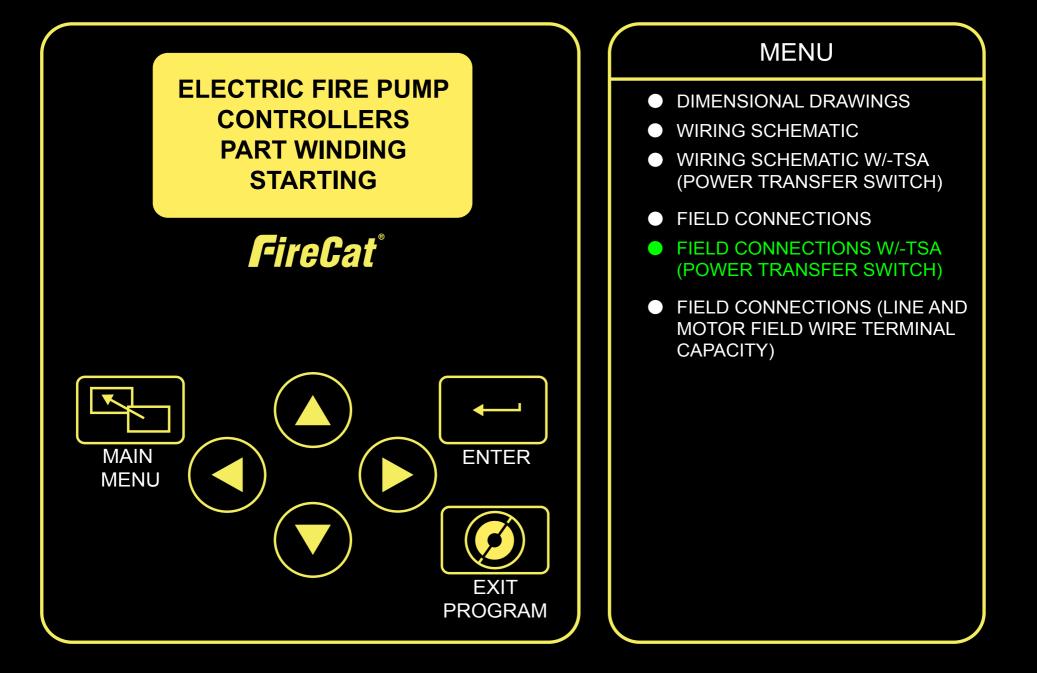
LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	

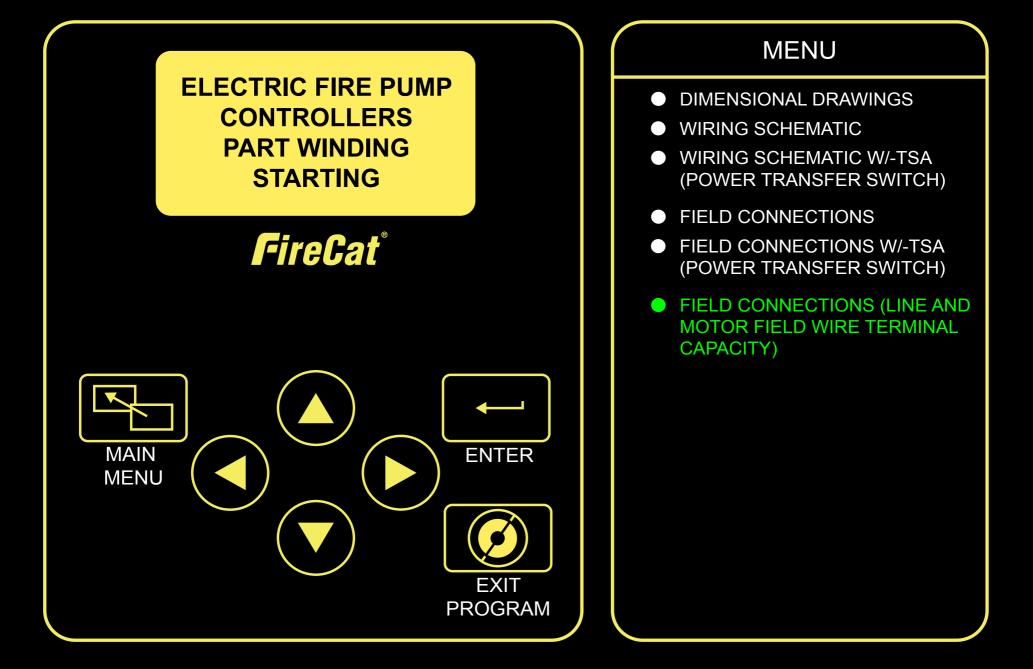






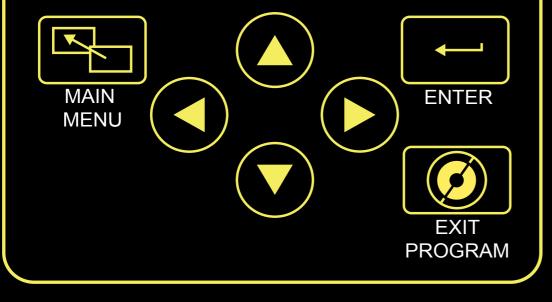






## ELECTRIC FIRE PUMP CONTROLLERS PART WINDING STARTING (DIMENSIONAL DRAWINGS)

# **FireCat**<sup>®</sup>



## MENU

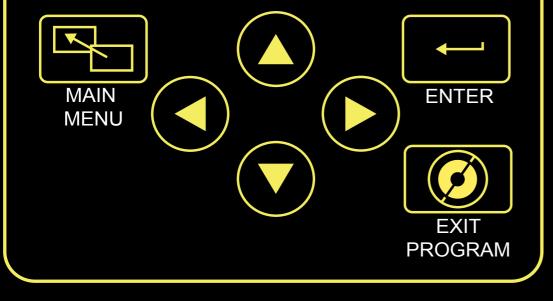
### STANDARD CONTROLLERS

LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350 - 500

LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350-500

## ELECTRIC FIRE PUMP CONTROLLERS PART WINDING STARTING (SUBMITTAL PACKAGES)

# **FireCat**<sup>®</sup>

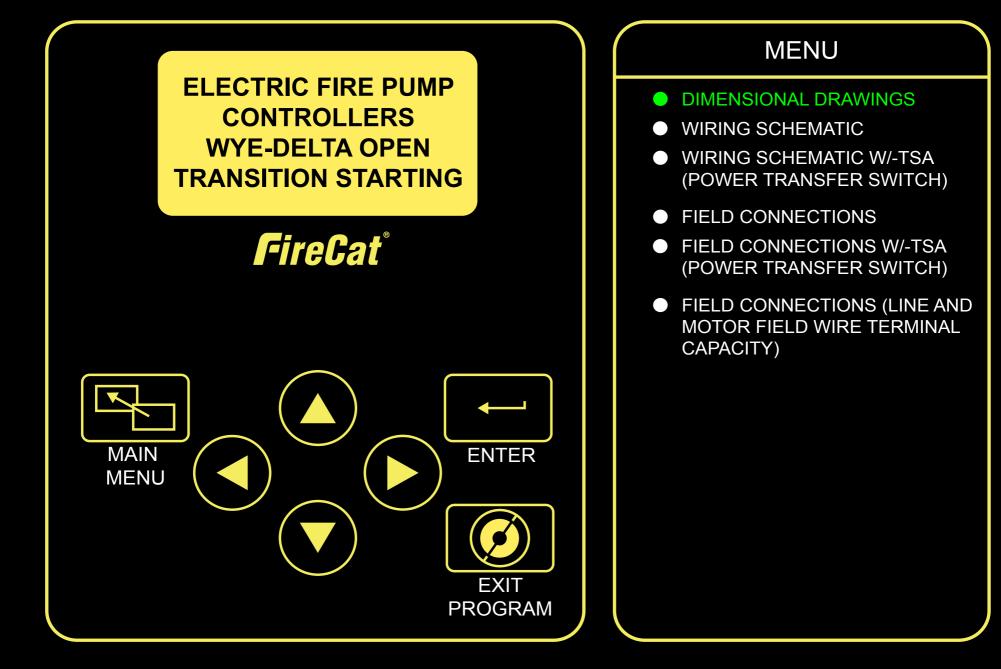


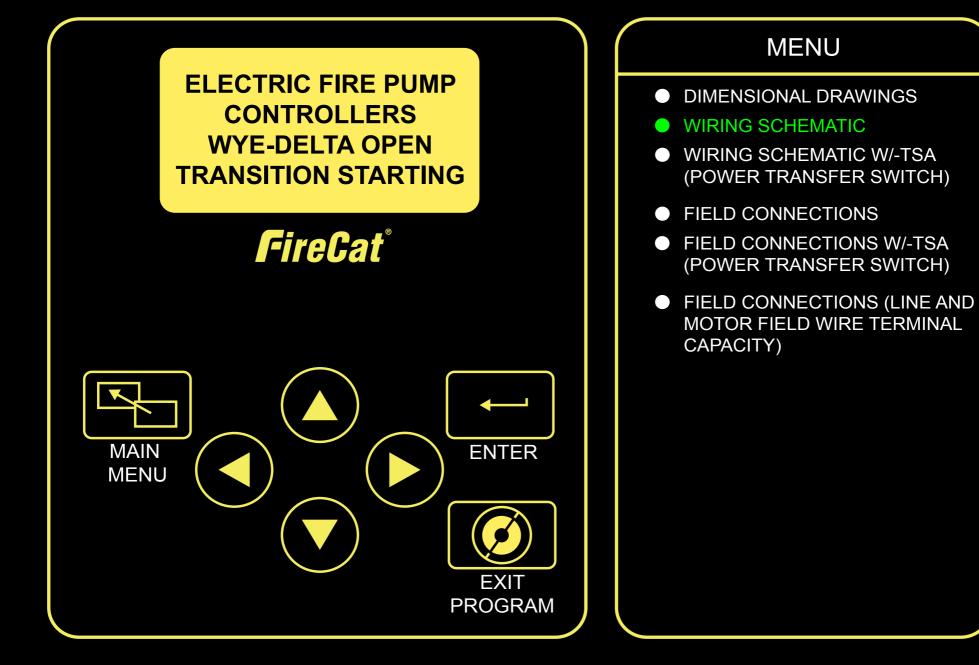
## MENU

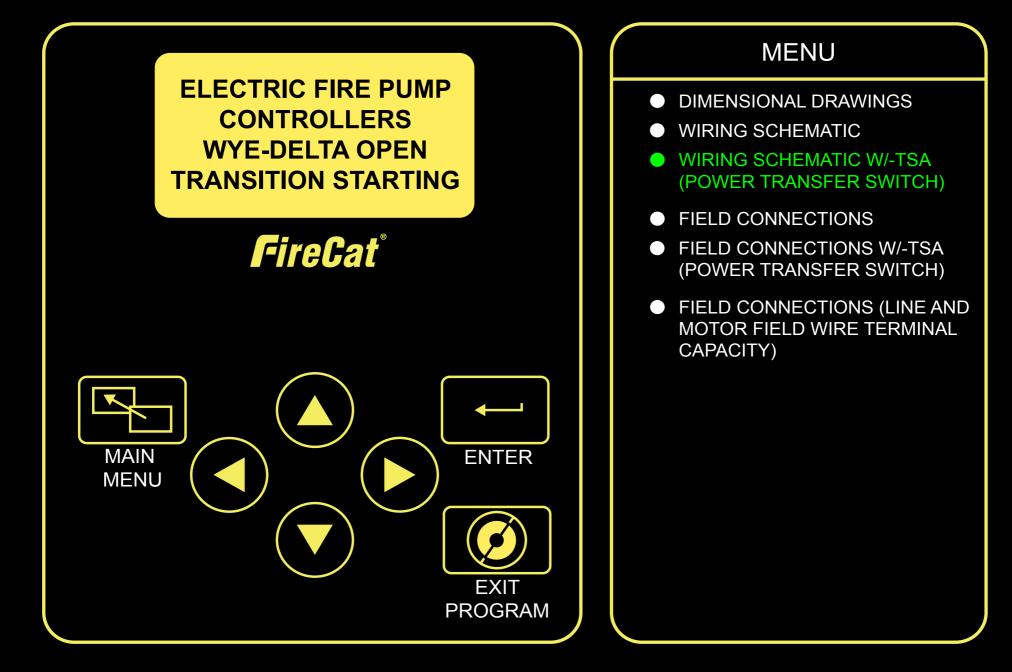
#### STANDARD CONTROLLERS

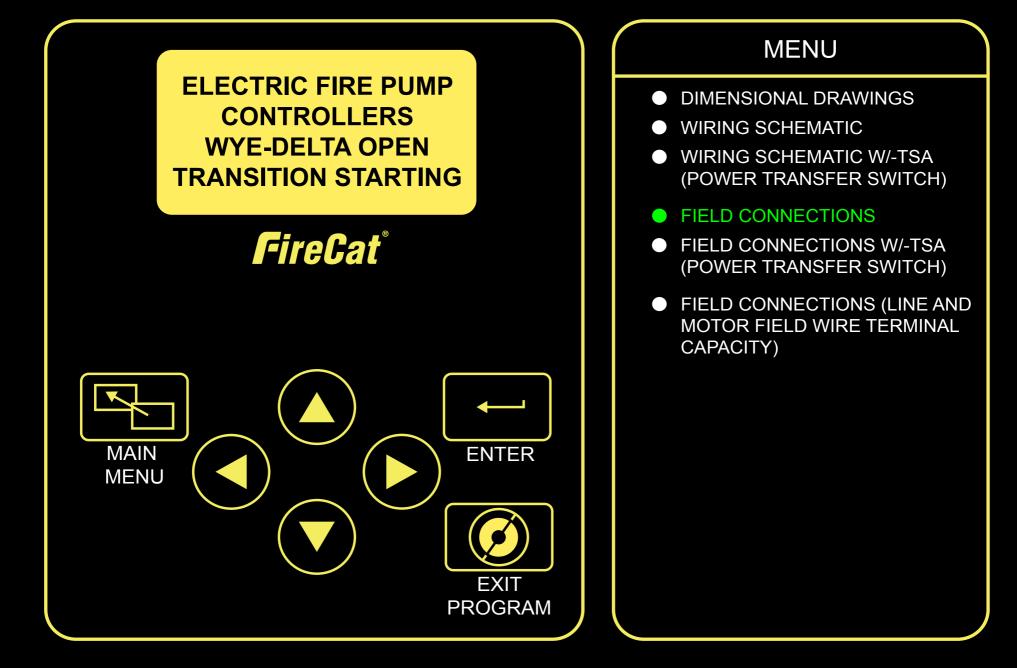
LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350 - 500

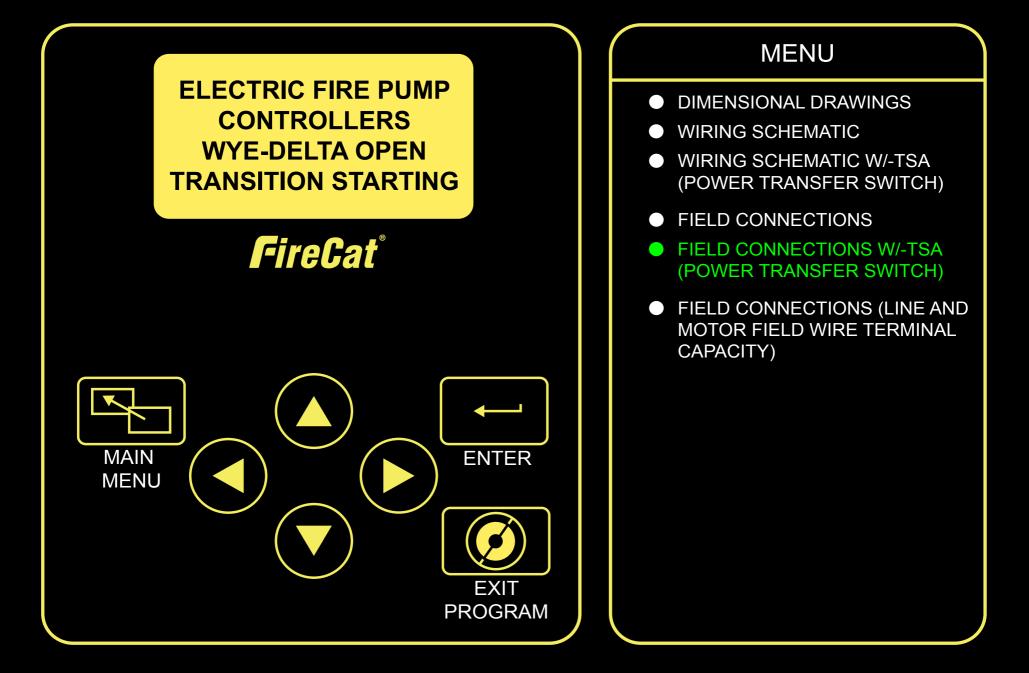
LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350-500

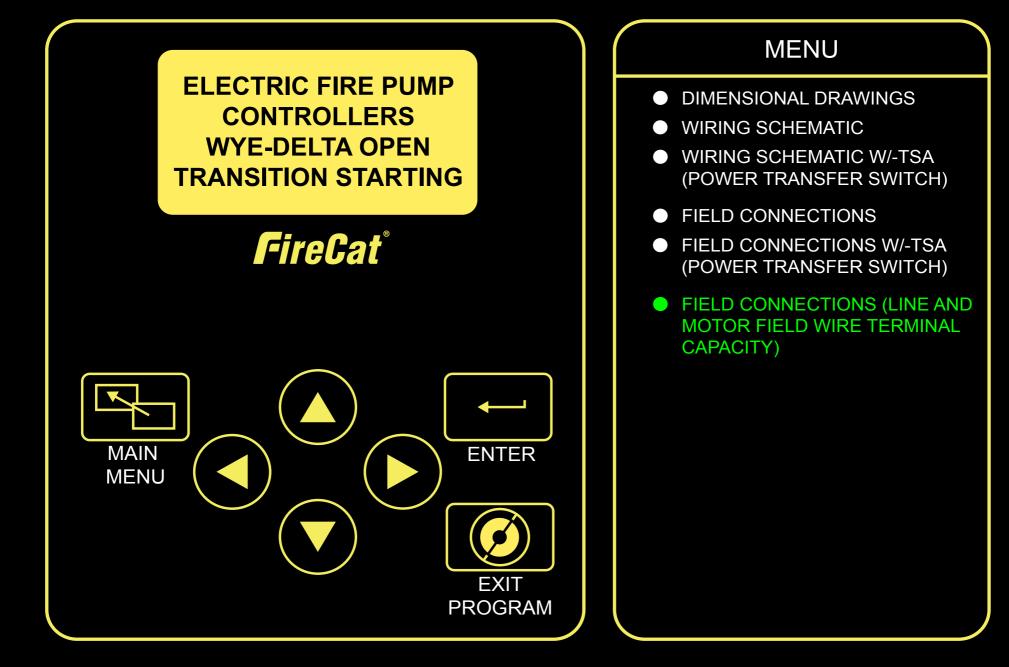






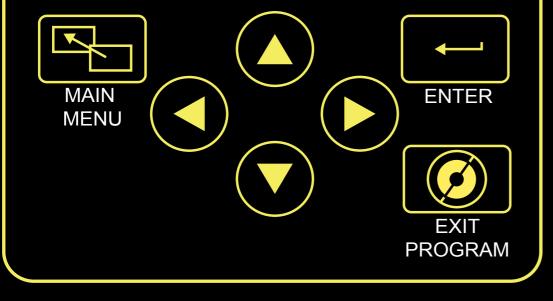






## ELECTRIC FIRE PUMP CONTROLLERS WYE-DELTA OPEN TRANSITION STARTING (DIMENSIONAL DRAWINGS)

# **FireCat**<sup>®</sup>



## MENU

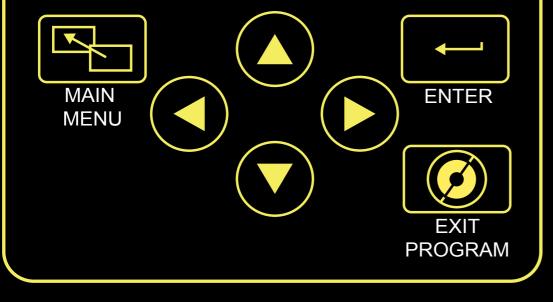
#### STANDARD CONTROLLERS

LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350 - 500

LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350 - 500

## ELECTRIC FIRE PUMP CONTROLLERS WYE-DELTA OPEN TRANSITION STARTING (SUBMITTAL PACKAGES)

# **FireCat**<sup>®</sup>

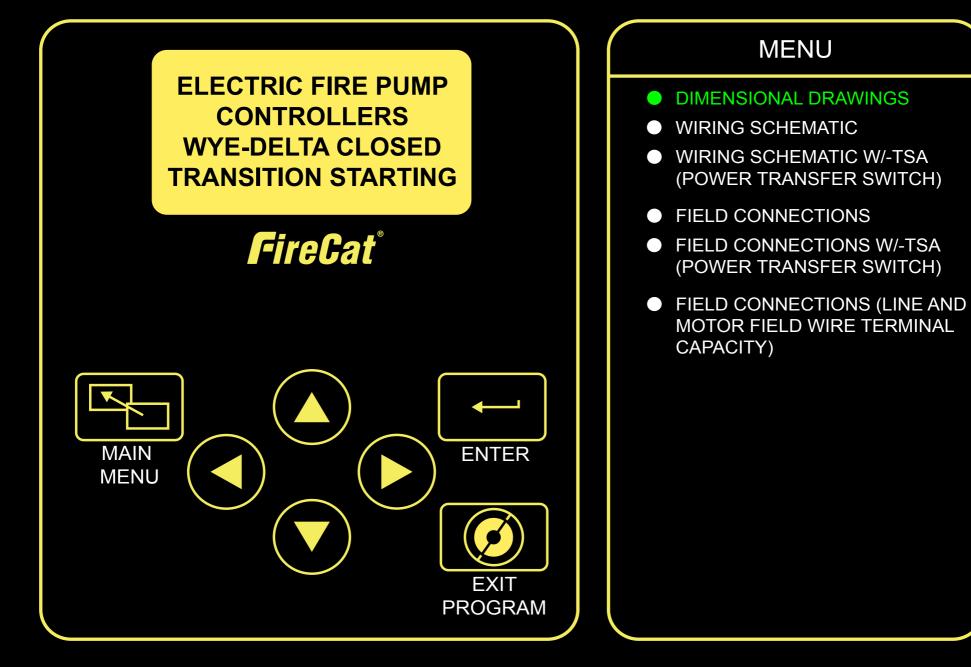


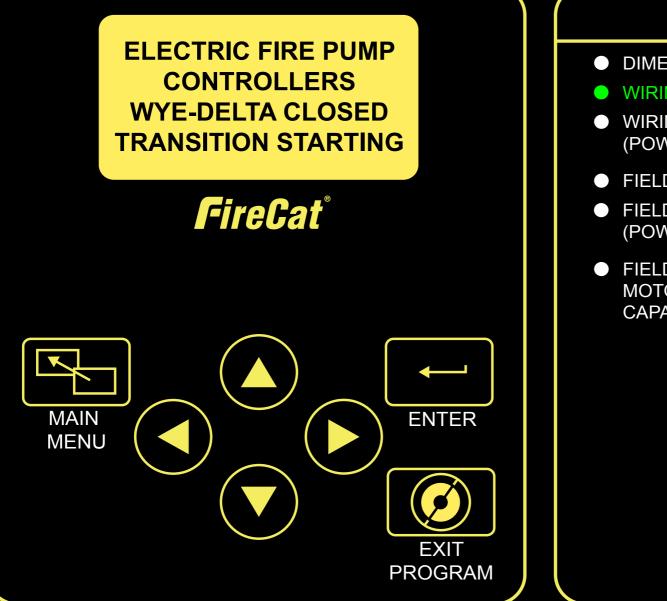
## MENU

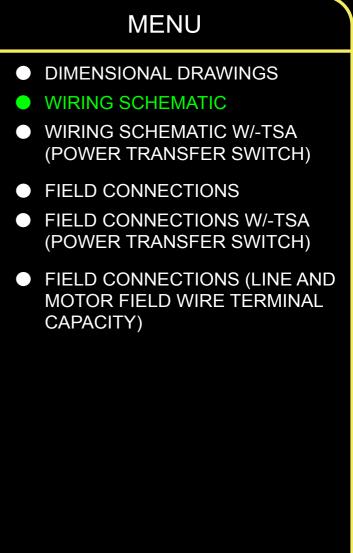
### STANDARD CONTROLLERS

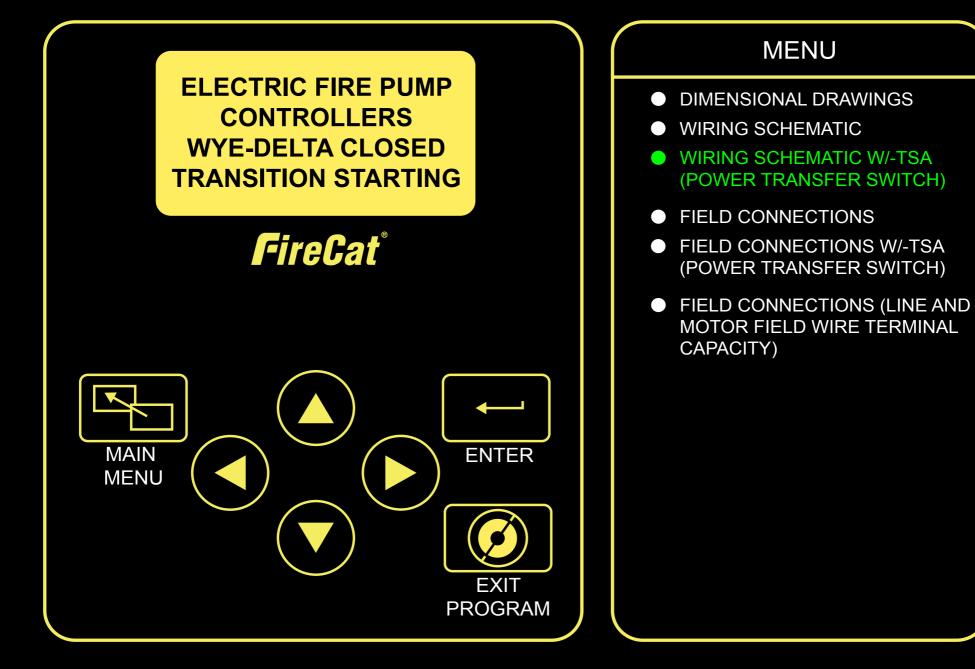
LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350 - 500

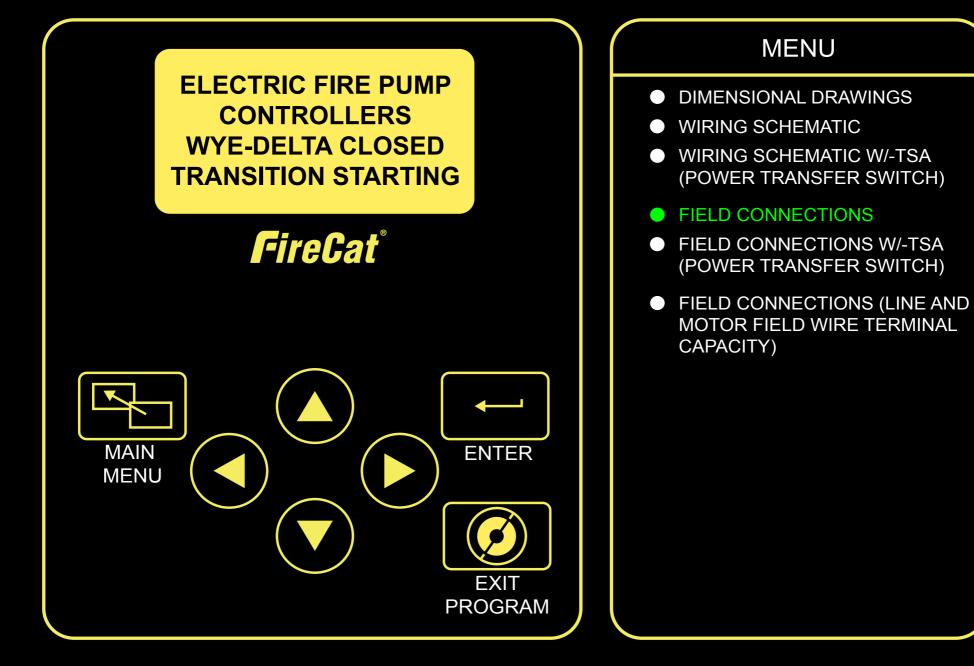
LINE VOLTAGE	HORSEPOWER RANGE		
200	3 - 60	75 - 100	125 - 250
208	3 - 60	75 - 100	125 - 250
220-240	3 - 60	75 - 100	125 - 300
380-415	3 - 100	125 - 150	200 - 500
440-480	3 - 150	200 - 250	300 - 600
550-600	3 - 150	200 - 300	350 - 500

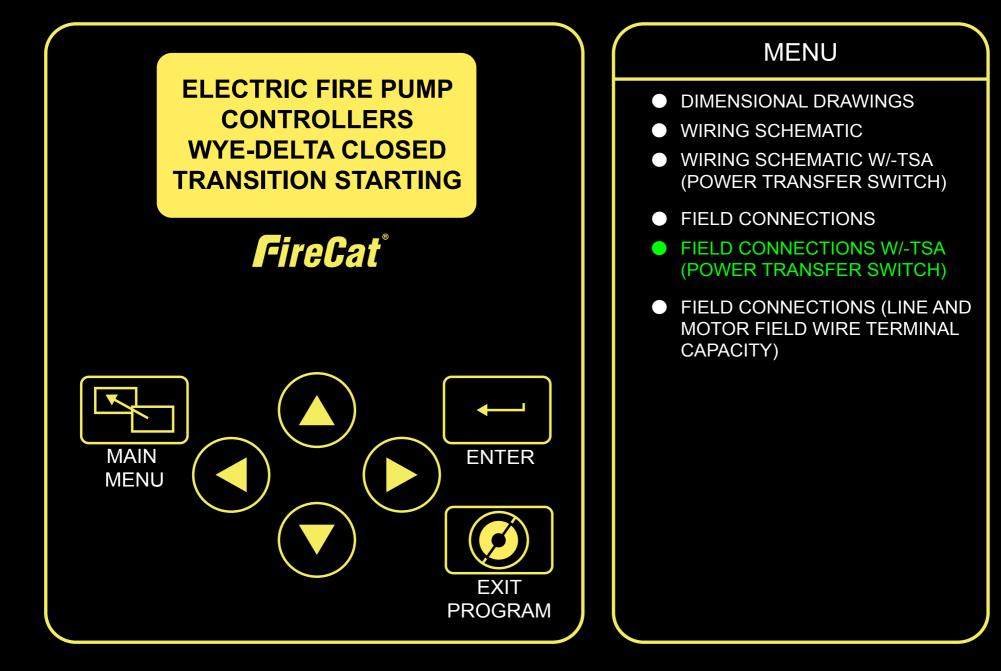


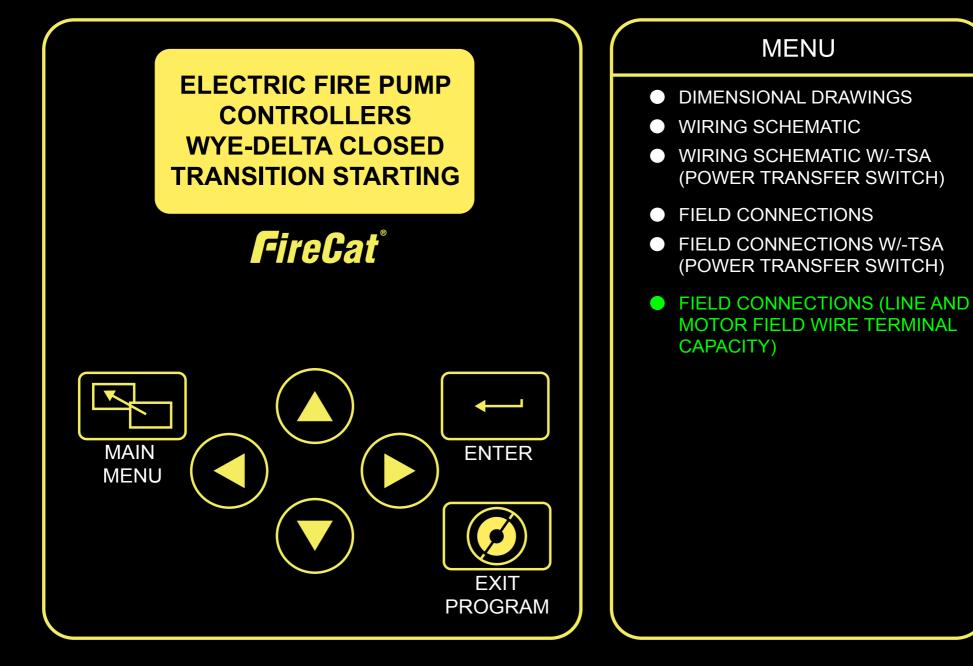






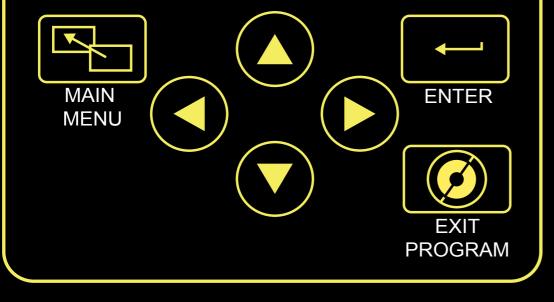






## ELECTRIC FIRE PUMP CONTROLLERS WYE-DELTA CLOSED TRANSITION STARTING (DIMENSIONAL DRAWINGS)

# **FireCat**<sup>®</sup>



## MENU

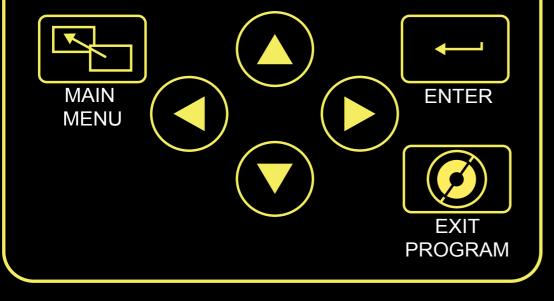
### STANDARD CONTROLLERS

LINE VOLTAGE	HORSEPOWER RANGE			
200	3 - 60	75 - 100	125 - 250	
208	3 - 60	75 - 100	125 - 250	
220-240	3 - 60	75 - 100	125 - 300	
380-415	3 - 100	125 - 150	200 - 500	
440-480	3 - 150	200 - 250	300 - 600	
550-600	3 - 150	200 - 300	350 - 500	

LINE VOLTAGE	HORSEPOWER RANGE				
200	3 - 60 75 - 100 125 - 250				
208	3 - 60	75 - 100	125 - 250		
220-240	3 - 60	75 - 100	125 - 300		
380-415	3 - 100	125 - 150	200 - 500		
440-480	3 - 150	200 - 250	300 - 600		
550-600	3 - 150	200 - 300	350 - 500		

## ELECTRIC FIRE PUMP CONTROLLERS WYE-DELTA CLOSED TRANSITION STARTING (SUBMITTAL PACKAGES)

# **FireCat**<sup>®</sup>

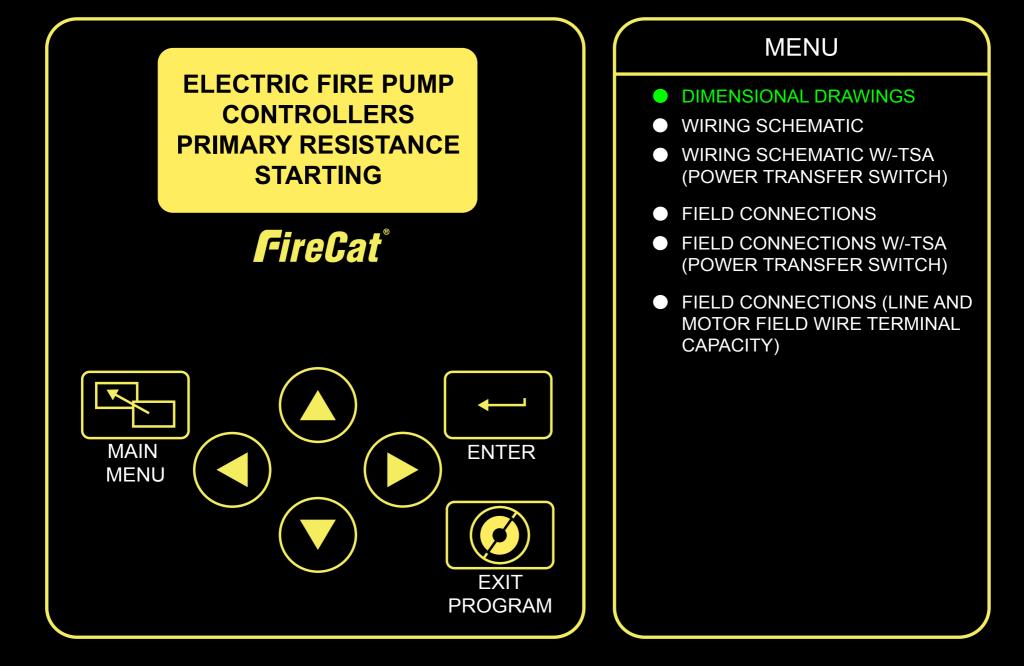


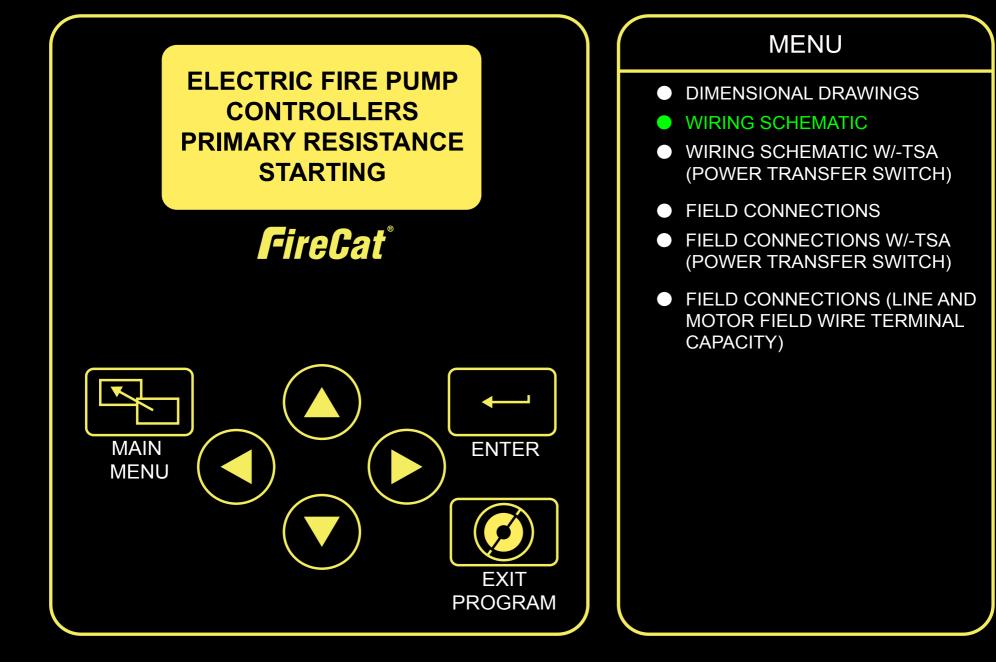
## MENU

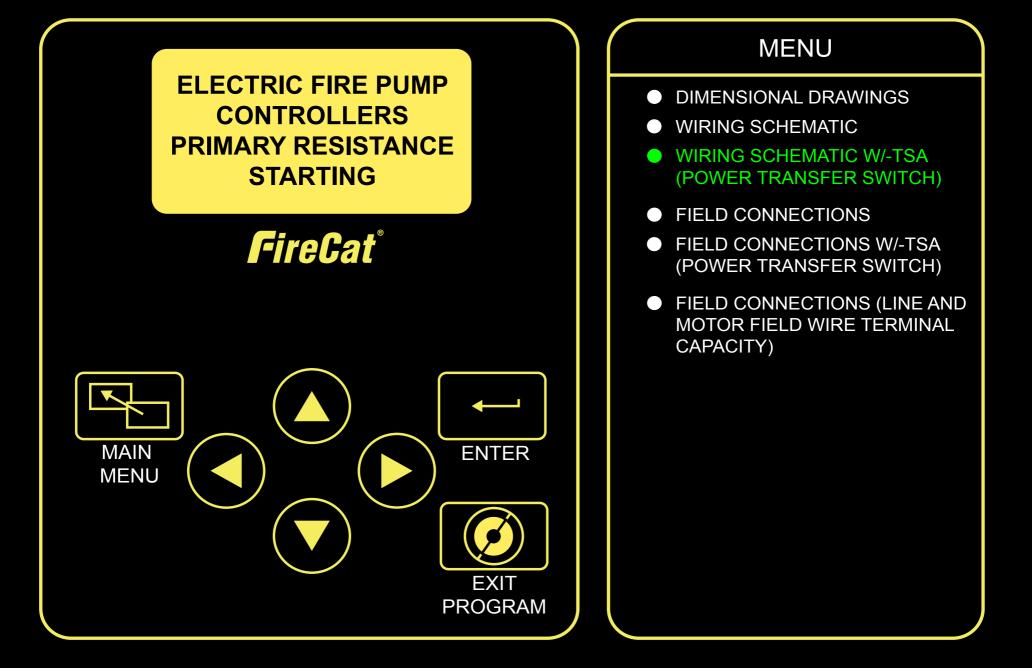
### STANDARD CONTROLLERS

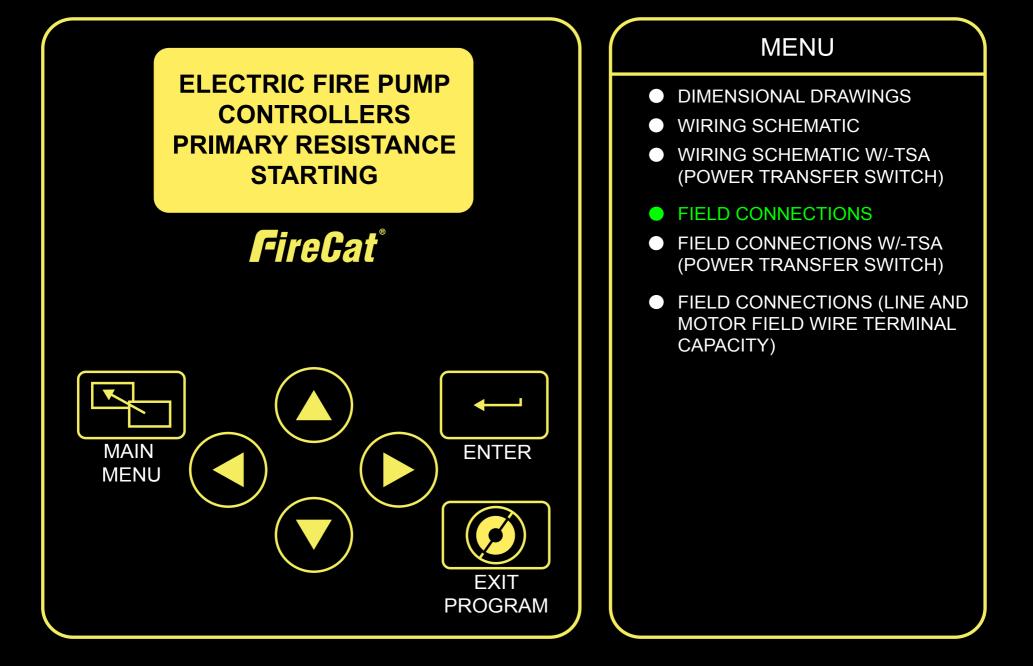
LINE VOLTAGE	HORSEPOWER RANGE			
200	3 - 60	75 - 100	125 - 250	
208	3 - 60	75 - 100	125 - 250	
220-240	3 - 60	75 - 100	125 - 300	
380-415	3 - 100	125 - 150	200 - 500	
440-480	3 - 150	200 - 250	300 - 600	
550-600	3 - 150	200 - 300	350 - 500	

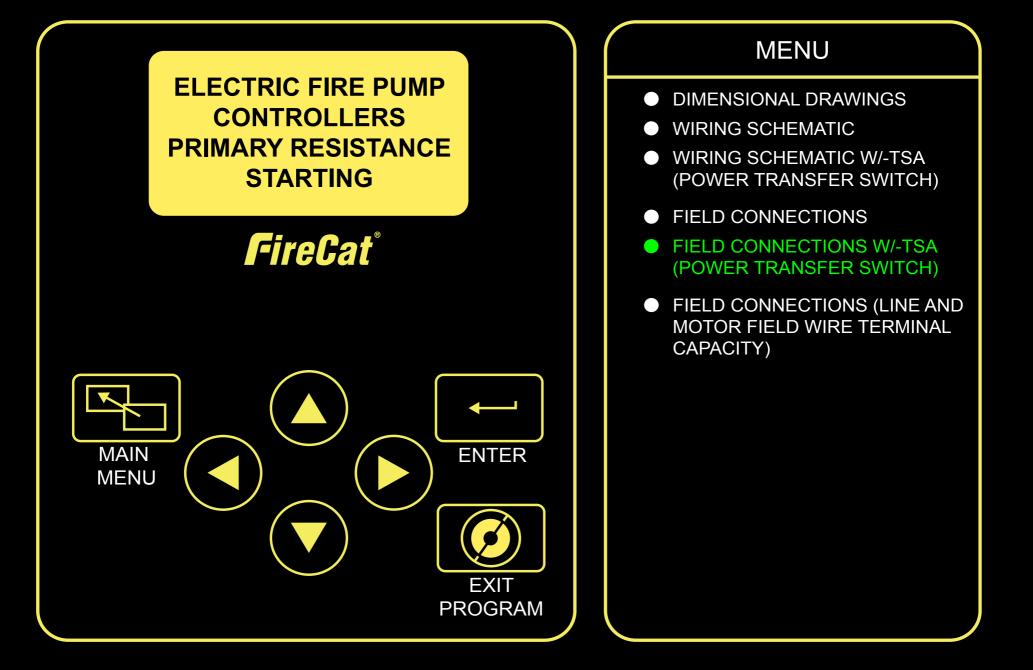
LINE VOLTAGE	HORSEPOWER RANGE				
200	3 - 60 75 - 100 125 - 250				
208	3 - 60	75 - 100	125 - 250		
220-240	3 - 60	75 - 100	125 - 300		
380-415	3 - 100	125 - 150	200 - 500		
440-480	3 - 150	200 - 250	300 - 600		
550-600	3 - 150	200 - 300	350 - 500		

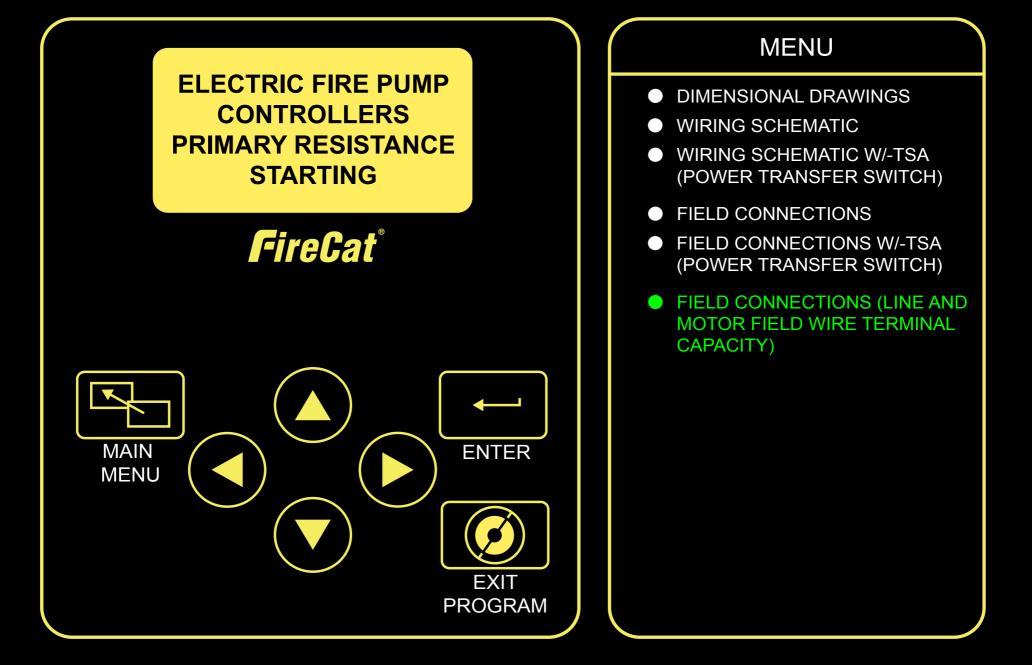












## ELECTRIC FIRE PUMP CONTROLLERS PRIMARY RESISTANCE STARTING (DIMENSIONAL DRAWINGS)

# **FireCat**<sup>®</sup>



## MENU

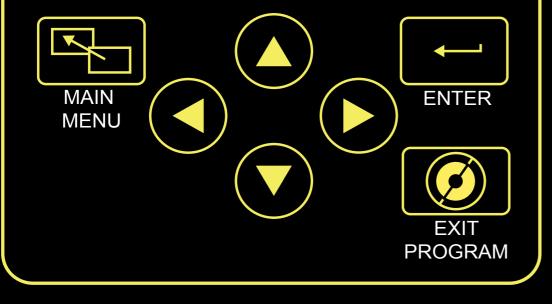
### STANDARD CONTROLLERS

LINE VOLTAGE	HORSEPOWER RANGE					
200	3 - 60	3 - 60 75 - 100 125 - 250				
208			75 - 100		125 - 250	
220-240	3 - 60	<u>3 - 60</u> 75 - 100 125				
380-415	3 - 100			125 - 150	200 - 500	
440-480	3 - 100	125 - 150		200 - 250	300 - 600	
550-600	3 - 100	125 - 150		200 - 300		

LINE VOLTAGE	HORSEPOWER RANGE					
200	3 - 60	3 - 60 75 - 100 125 - 2				
208	3 - 60		75 - 100		125 - 250	
220-240	3 - 60		75 - 100		125 - 300	
380-415	3 - 100			125 - 150	200 - 500	
440-480	3 - 100	125 - 150		200 - 250	300 - 600	
550-600	3 - 100	125 - 150		200 - 300		

## ELECTRIC FIRE PUMP CONTROLLERS PRIMARY RESISTANCE STARTING (SUBMITTAL PACKAGES)

# **FireCat**<sup>®</sup>

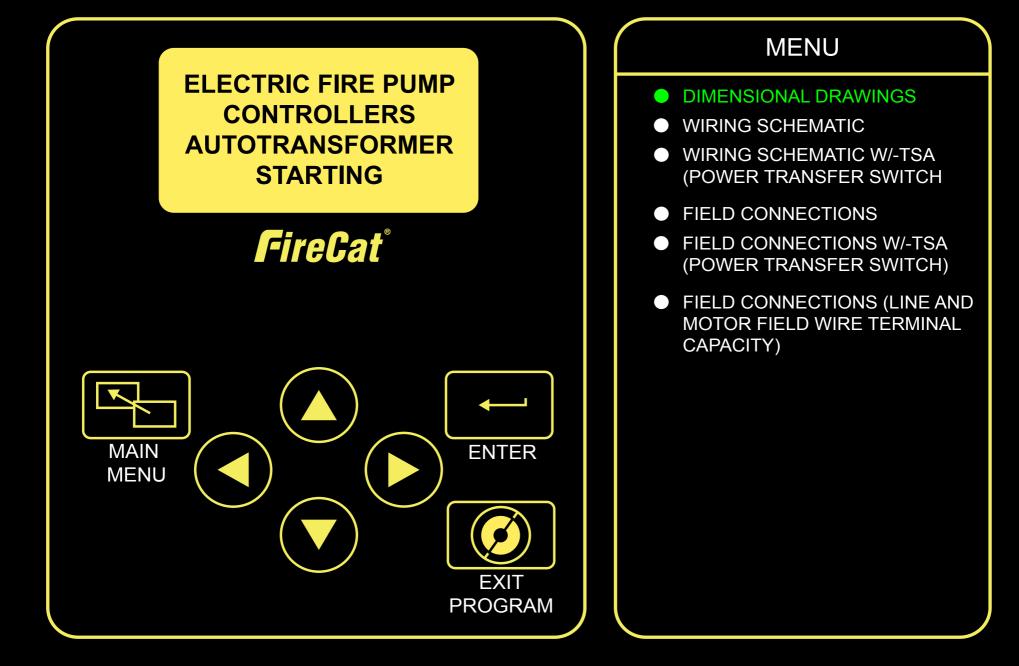


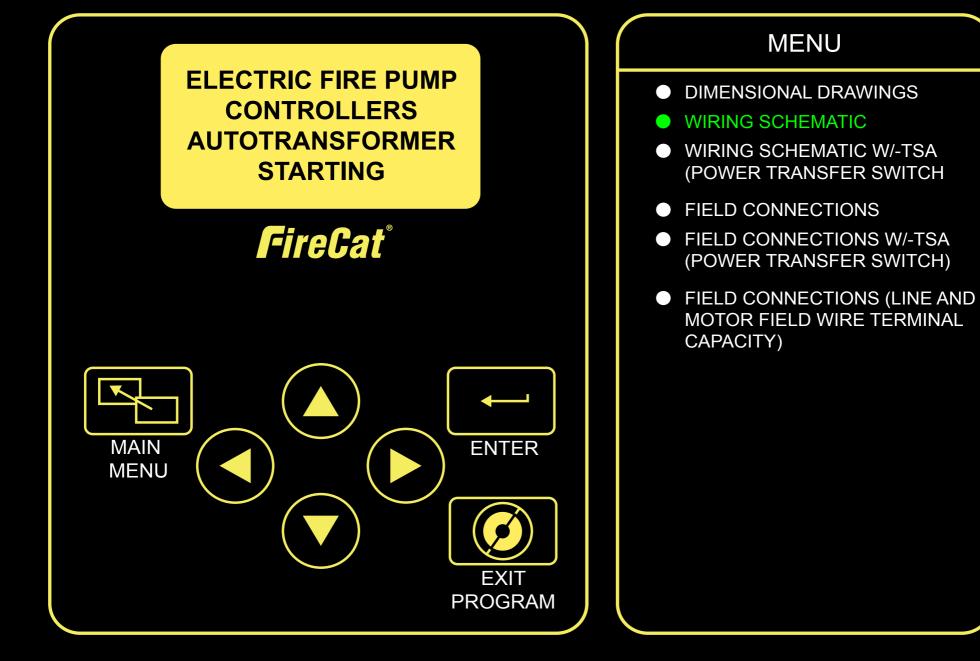
## MENU

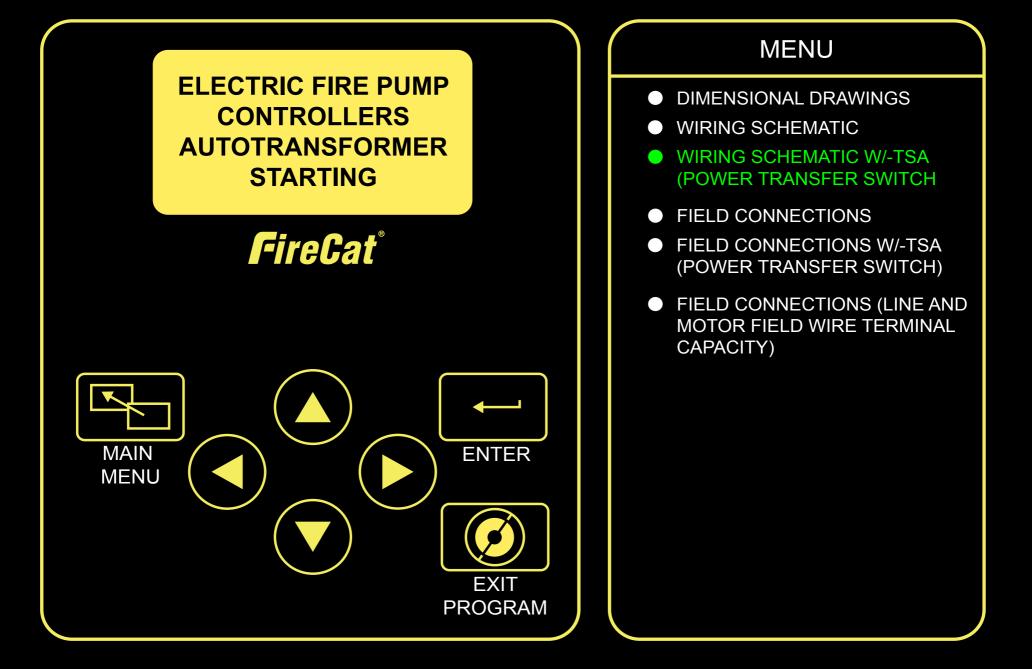
### STANDARD CONTROLLERS

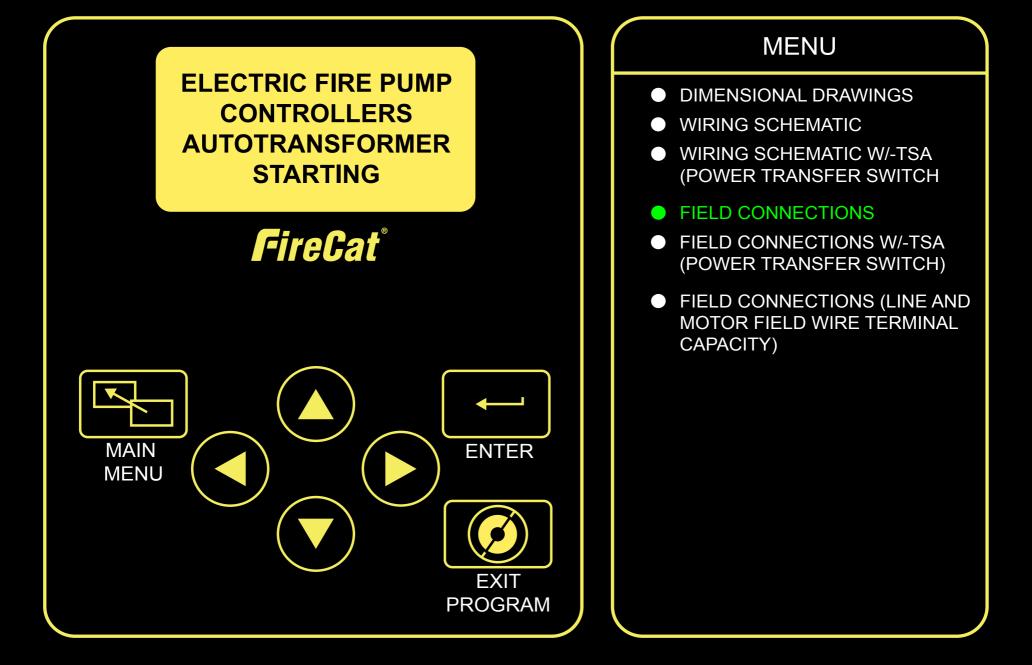
LINE VOLTAGE	HORSEPOWER RANGE					
200	3 - 60	3 - 60 75 - 100 125 - 2				
208	3 - 60		75 - 100		125 - 250	
220-240	3 - 60		75 - 100		125 - 300	
380-415	3 - 100			125 - 150	200 - 500	
440-480	3 - 100	125 - 150		200 - 250	300 - 600	
550-600	3 - 100	125 - 150		200 - 300		

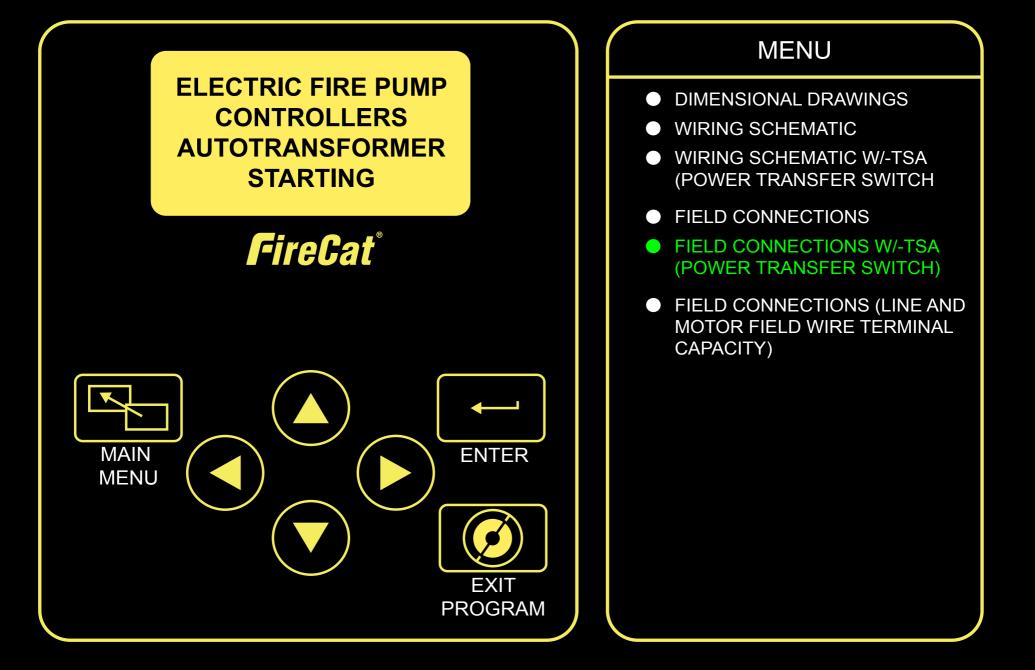
LINE	HORSEPOWER RANGE					
VOLTAGE						
200	3 - 60	3 - 60 75 - 100 125 - 2				
208	3 - 60		75 - 100		125 - 250	
220-240	3 - 60 75 - 100 125 -					
380-415	3 - 100			125 - 150	200 - 500	
440-480	3 - 100	125 - 150		200 - 250	300 - 600	
550-600	3 - 100	125 - 150		200 - 300		

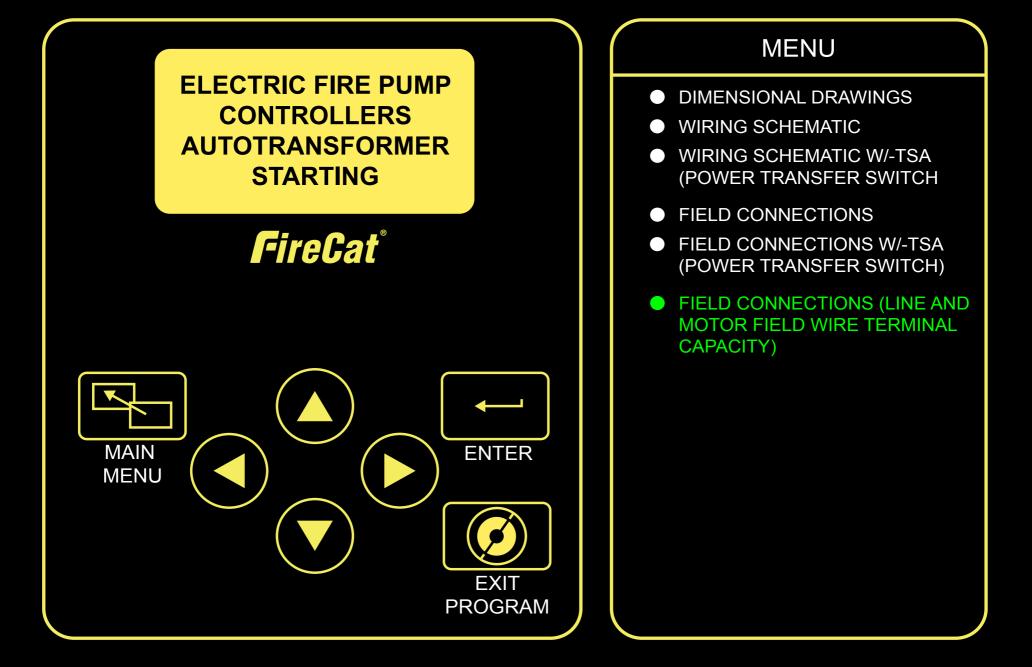






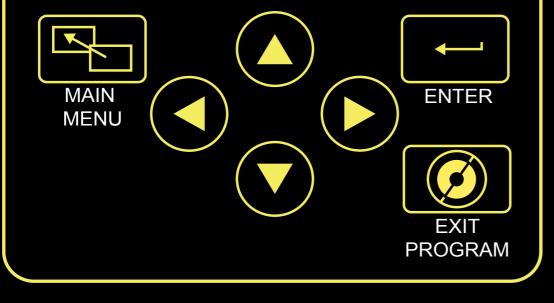






## ELECTRIC FIRE PUMP CONTROLLERS AUTOTRANSFORMER STARTING (DIMENSIONAL DRAWINGS)

# **FireCat**<sup>®</sup>



## MENU

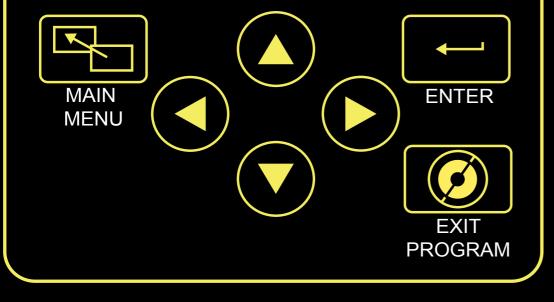
### STANDARD CONTROLLERS

LINE	HORSEPOWER RANGE				
VOLTAGE	HORSEPOWER RANGE				
200	3 - 60	3 - 60 75 - 100 125 - 25			
208	3 - 60		75 - 100	125 - 250	
220-240	3 - 60		75 - 100	125 - 300	
380-415	3 - 100		125 - 150	200 - 500	
440-480	3 - 125	150	200 - 250	300 - 600	
550-600	3 - 125	150	200 - 300		

LINE	HORSEPOWER RANGE			
VOLTAGE				
200	3 - 60 75 - 100 125 - 25			
208	3 - 60		75 - 100	125 - 250
220-240	3 - 60		75 - 100	125 - 300
380-415	3 - 100		125 - 150	200 - 500
440-480	3 - 125	150	200 - 250	300 - 600
550-600	3 - 125	150	200 - 300	

## ELECTRIC FIRE PUMP CONTROLLERS AUTOTRANSFORMER STARTING (SUBMITTAL PACKAGES)

# **FireCat**<sup>®</sup>

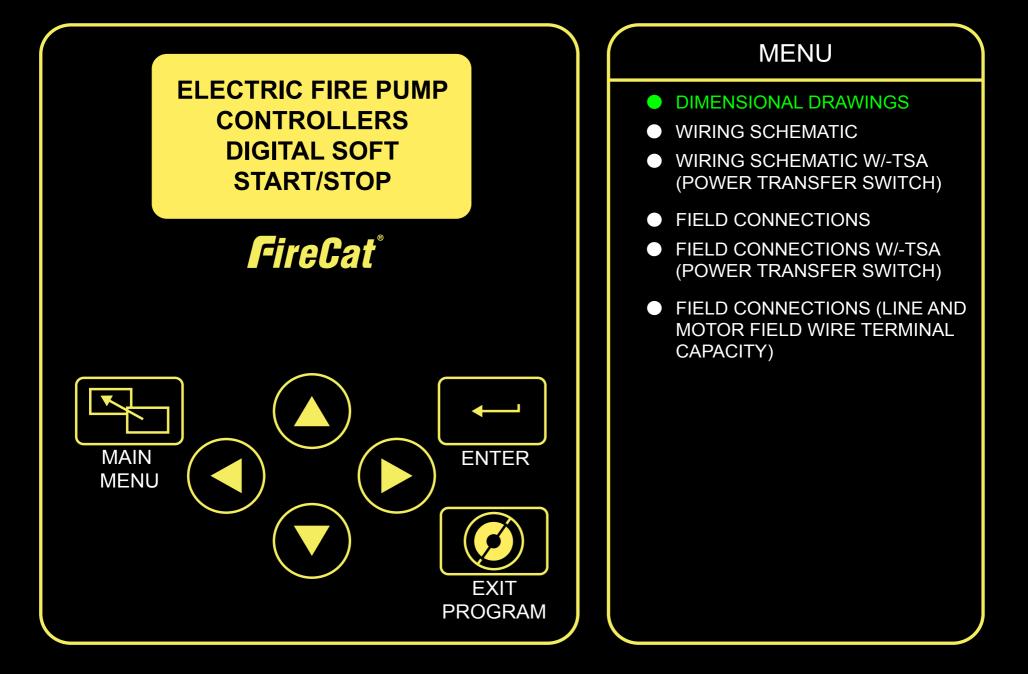


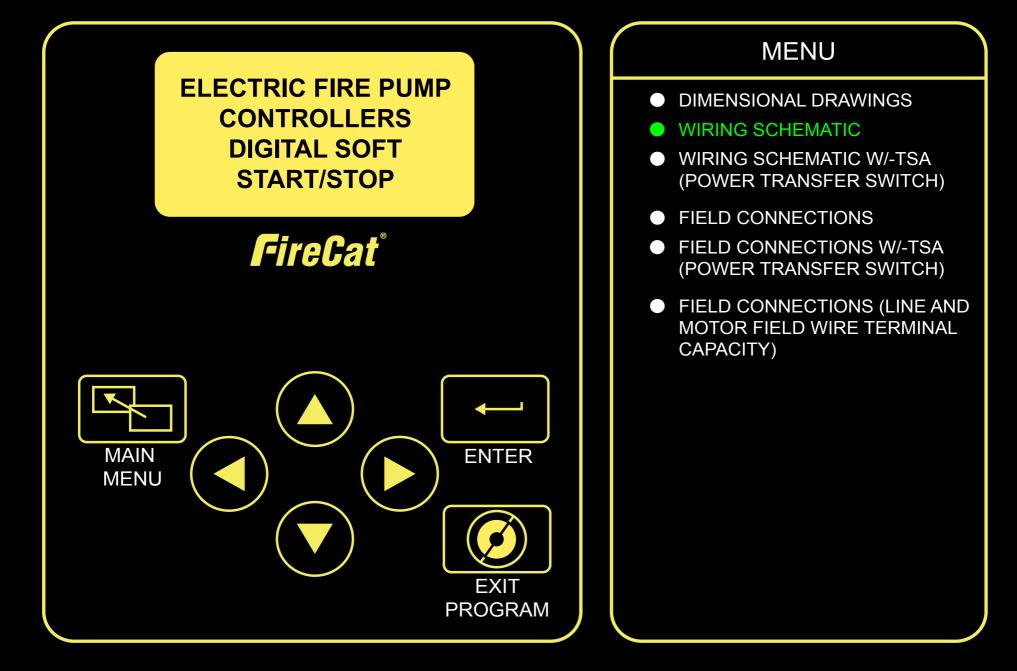
## MENU

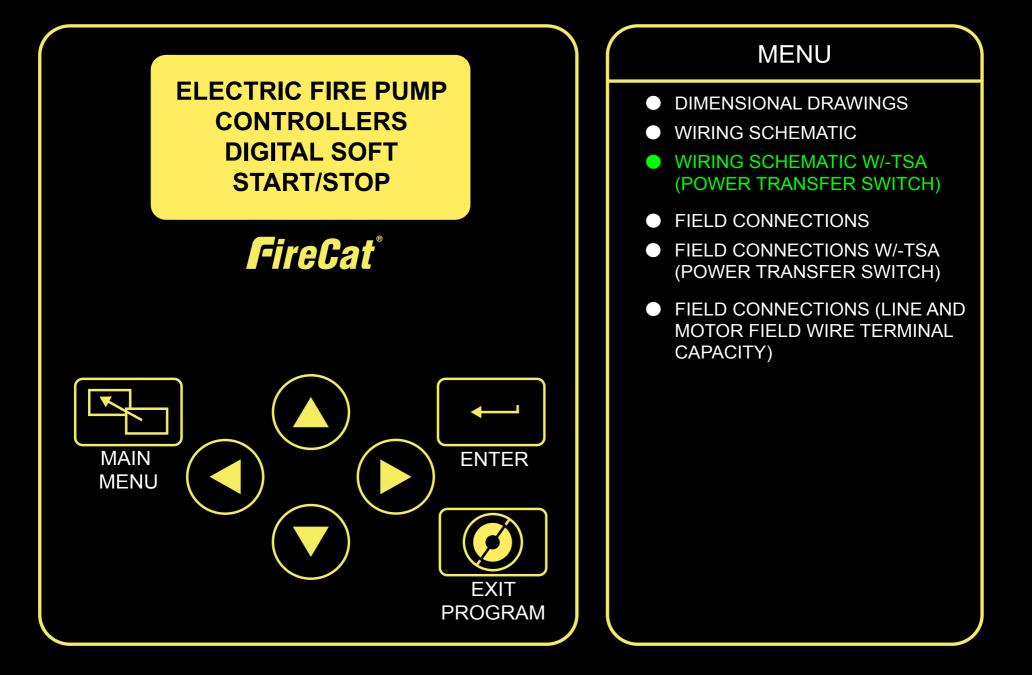
#### STANDARD CONTROLLERS

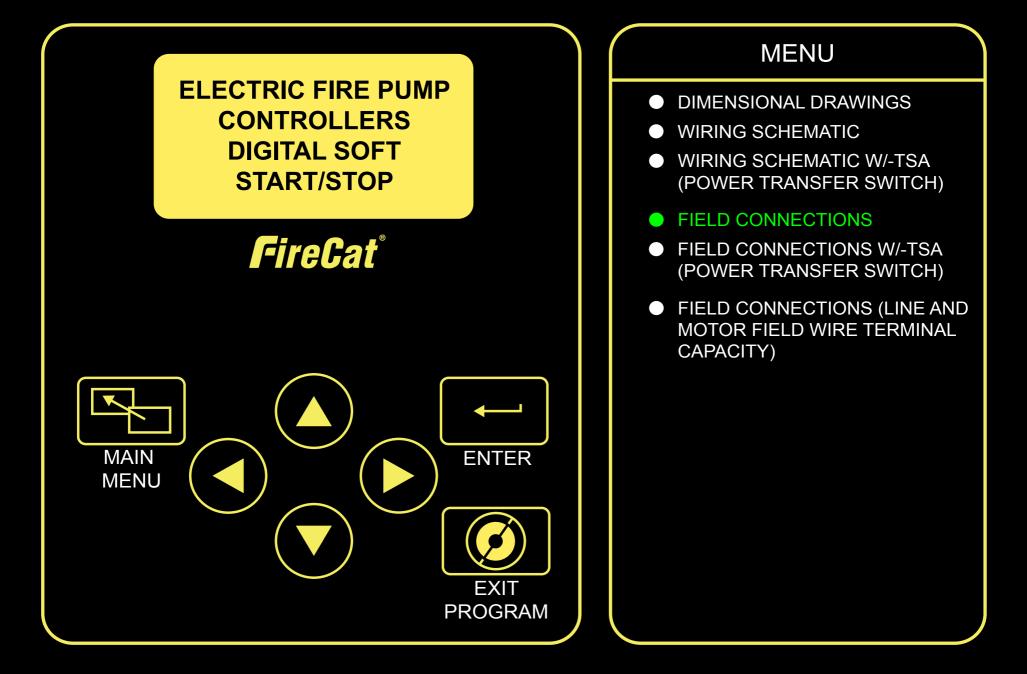
LINE	HORSEPOWER RANGE			
VOLTAGE				
200	3 - 60 75 - 100 125 - 25			
208	3 - 60		75 - 100	125 - 250
220-240	3 - 60		75 - 100	125 - 300
380-415	3 - 100		125 - 150	200 - 500
440-480	3 - 125	150	200 - 250	300 - 600
550-600	3 - 125	150	200 - 300	

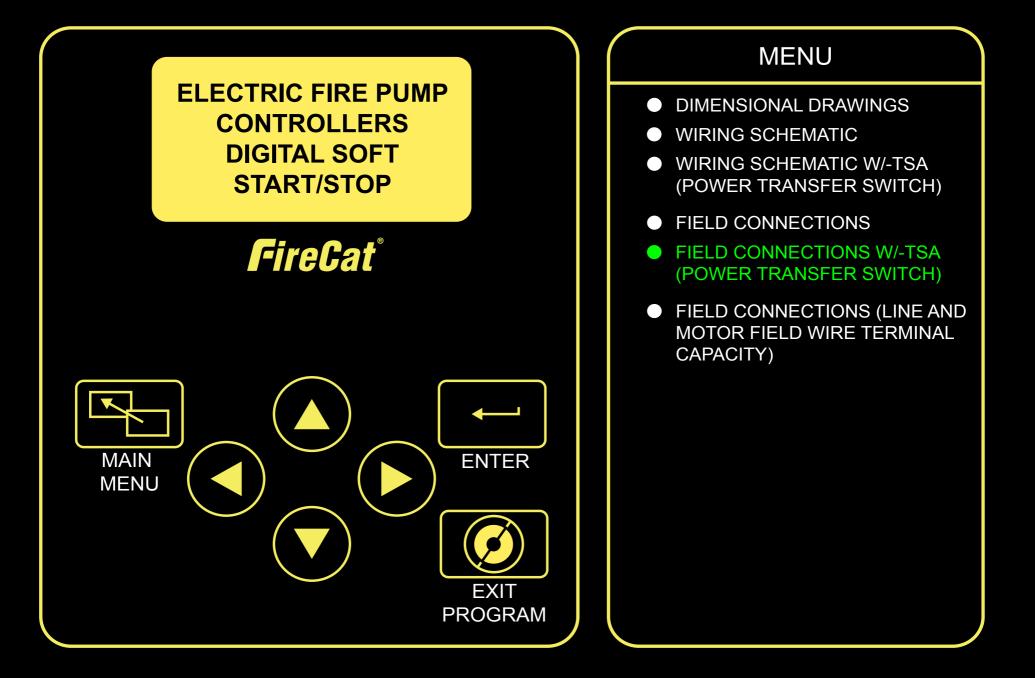
LINE	HORSEPOWER RANGE			
VOLTAGE				
200	3 - 60 75 - 100 125 - 250			
208	3 - 60		75 - 100	125 - 250
220-240	3 - 60		75 - 100	125 - 300
380-415	3 - 100		125 - 150	200 - 500
440-480	3 - 125	150	200 - 250	300 - 600
550-600	3 - 125	150	200 - 300	

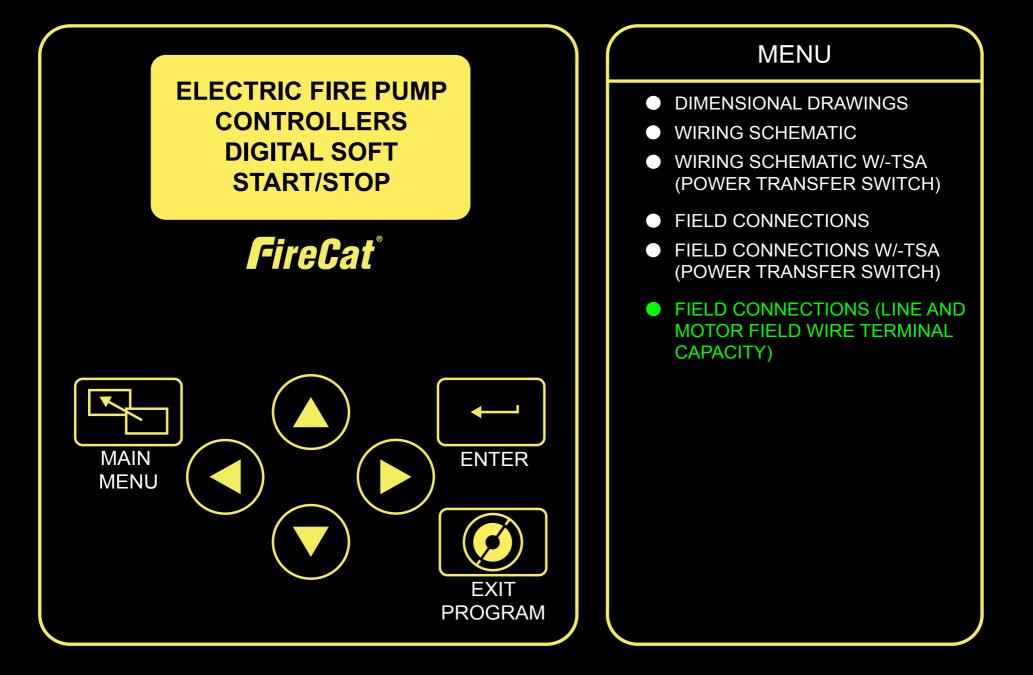






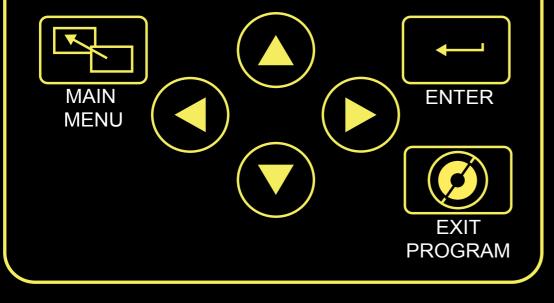






## ELECTRIC FIRE PUMP CONTROLLERS DIGITAL SOFT START/STOP (DIMENSIONAL DRAWINGS)

# **FireCat**<sup>®</sup>



## MENU

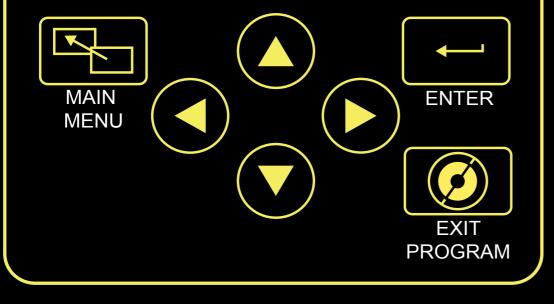
### STANDARD CONTROLLERS

LINE VOLTAGE	HORSEPOWER RANGE			
200	3 - 50 60 75 - 100 125 - 25			
208	3 - 50	60	75 - 100	125 - 250
220-240	3 - 60		75 - 100	125 - 250
380-415	3 - 75	100	125 - 150	200 - 450
440-480	3 - 125	150	200 - 250	300 - 600
550-600	3 - 150		200 - 300	

LINE VOLTAGE	HORSEPOWER RANGE			
200	3 - 50 60 75 - 100 125 - 250			
208	3 - 50	60	75 - 100	125 - 250
220-240	3 - 60		75 - 100	125 - 250
380-415	3 - 75	100	125 - 150	200 - 450
440-480	3 - 125	150	200 - 250	300 - 600
550-600	3 - 150		200 - 300	

## ELECTRIC FIRE PUMP CONTROLLERS DIGITAL SOFT START/STOP (SUBMITTAL PACKAGES)

# **FireCat**<sup>®</sup>

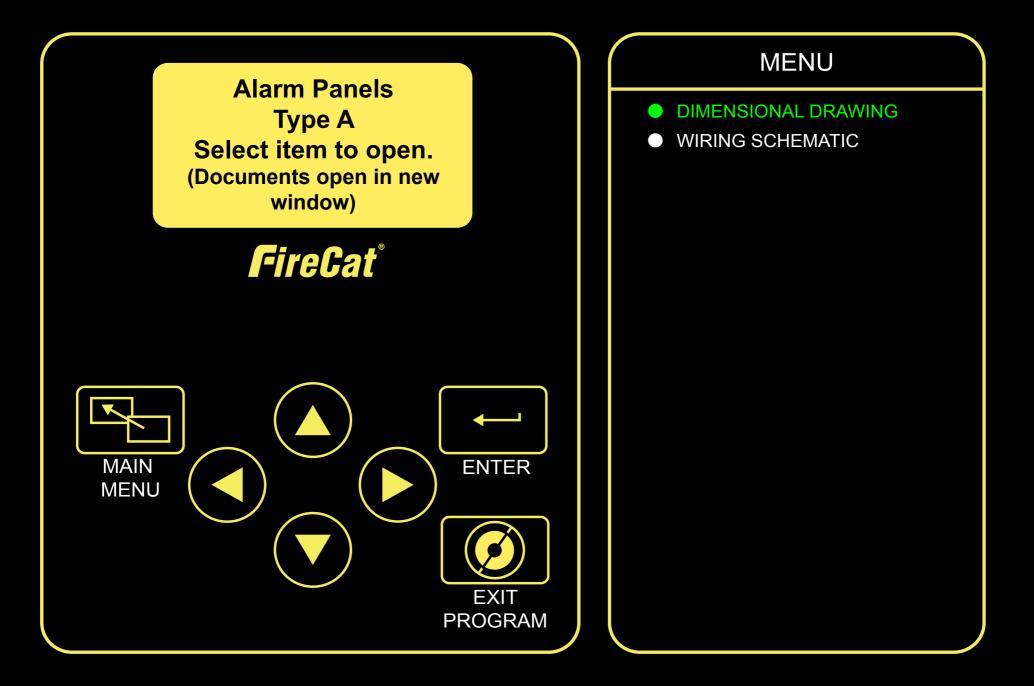


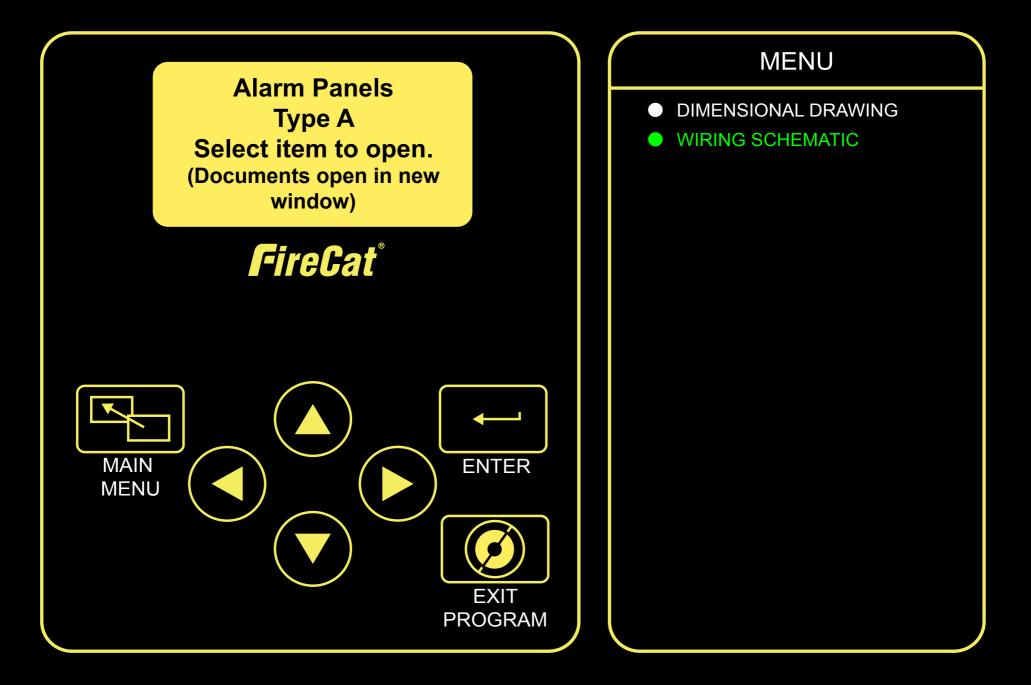
## MENU

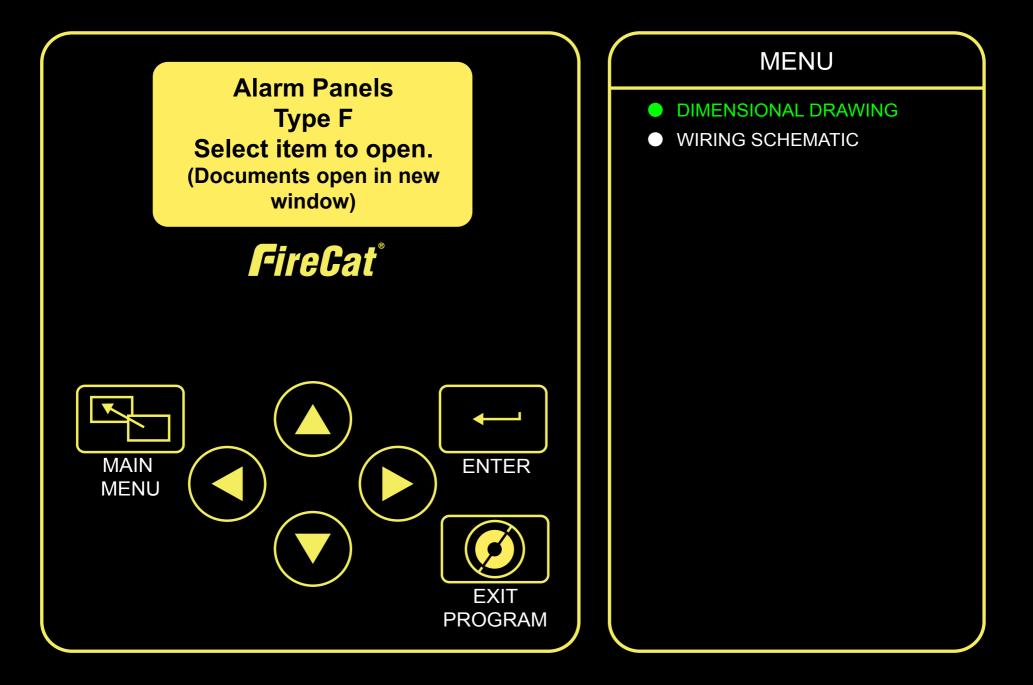
### STANDARD CONTROLLERS

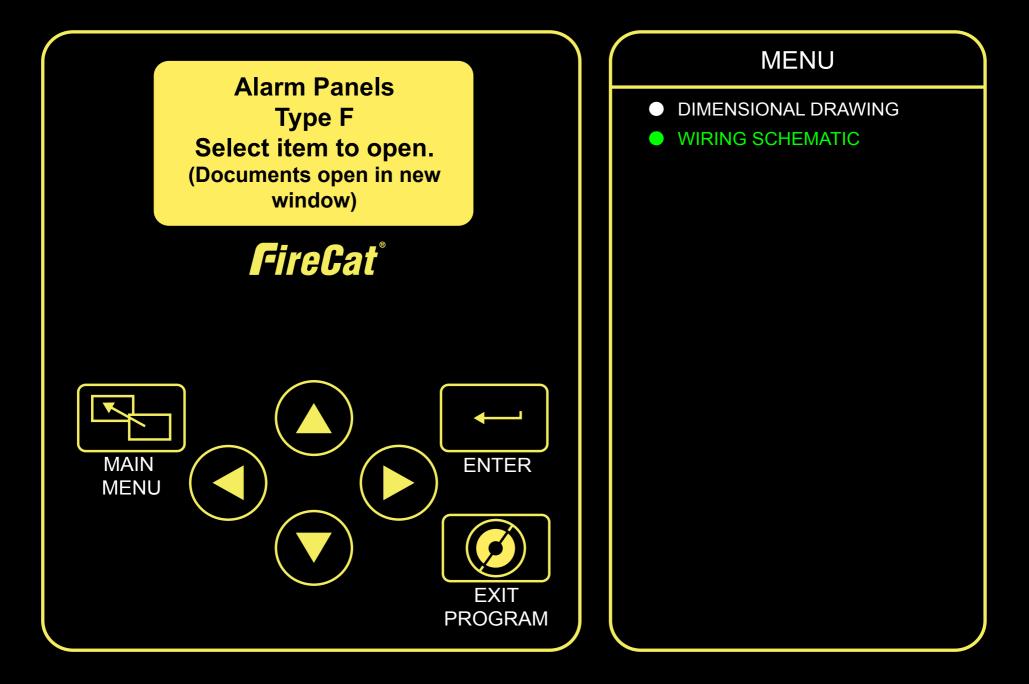
LINE	HORSEPOWER RANGE			
VOLTAGE	HORSEFOWER RANGE			
200	3 - 50 60 75 - 100 125 -			
208	3 - 50	60	75 - 100	125 - 250
220-240	3 - 60		75 - 100	125 - 250
380-415	3 - 75	100	125 - 150	200 - 450
440-480	3 - 125	150	200 - 250	300 - 600
550-600	3 - 150		200 - 300	

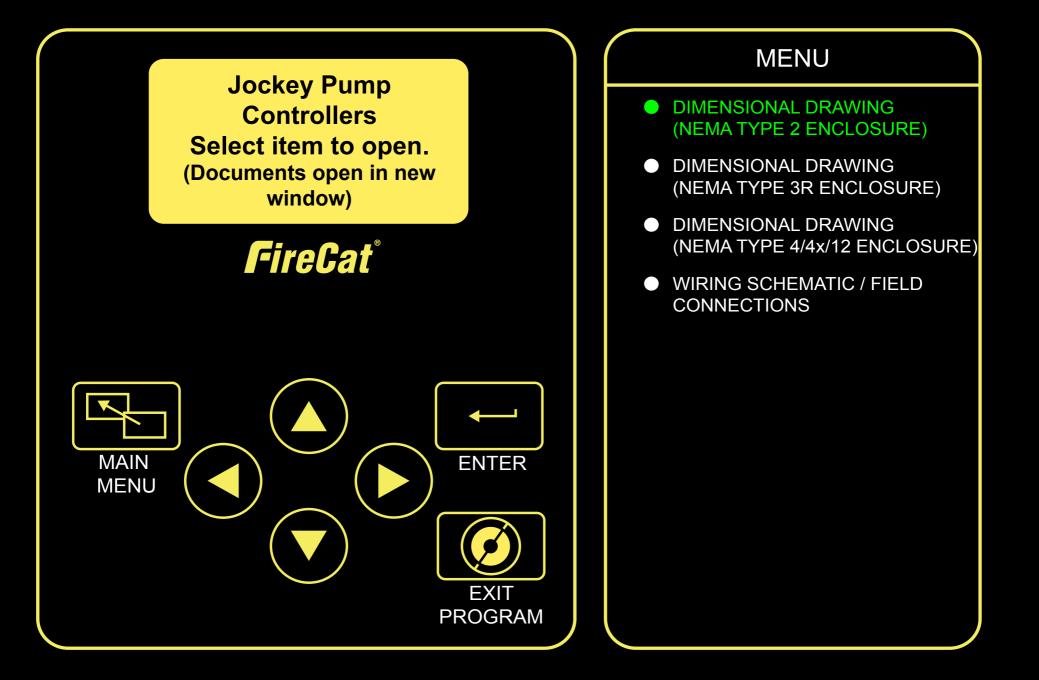
LINE	HORSEPOWER RANGE				
VOLTAGE					
200	3 - 50	3 - 50 60 75 - 100 125 - 25			
208	3 - 50	60	75 - 100	125 - 250	
220-240	3 - 60		75 - 100	125 - 250	
380-415	3 - 75	100	125 - 150	200 - 450	
440-480	3 - 125	150	200 - 250	300 - 600	
550-600	3 - 150		200 - 300		

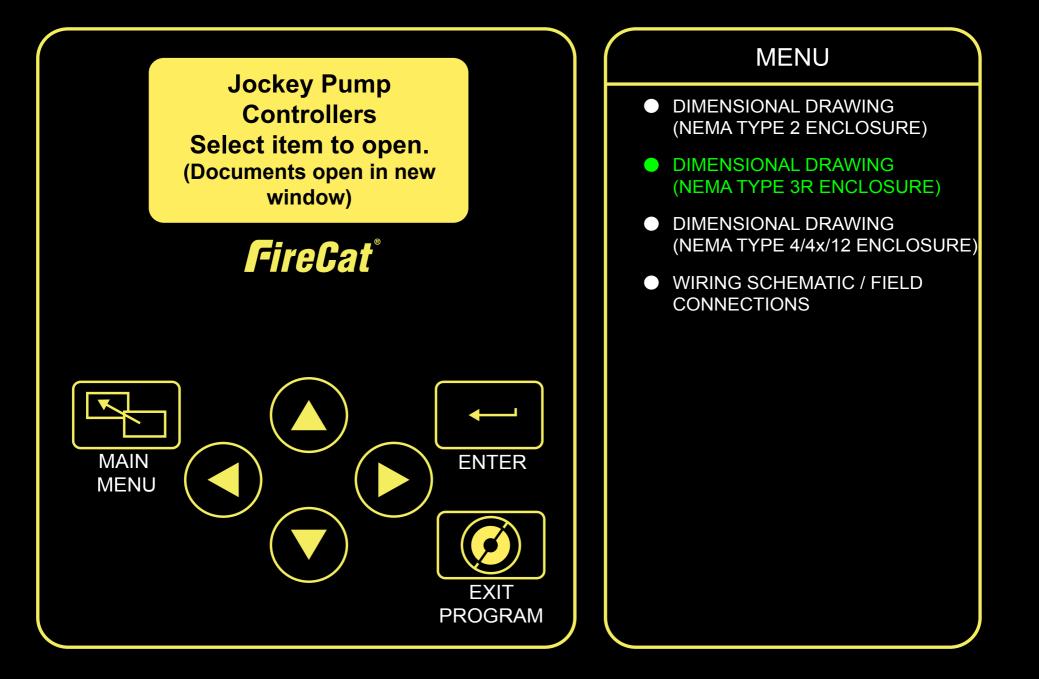


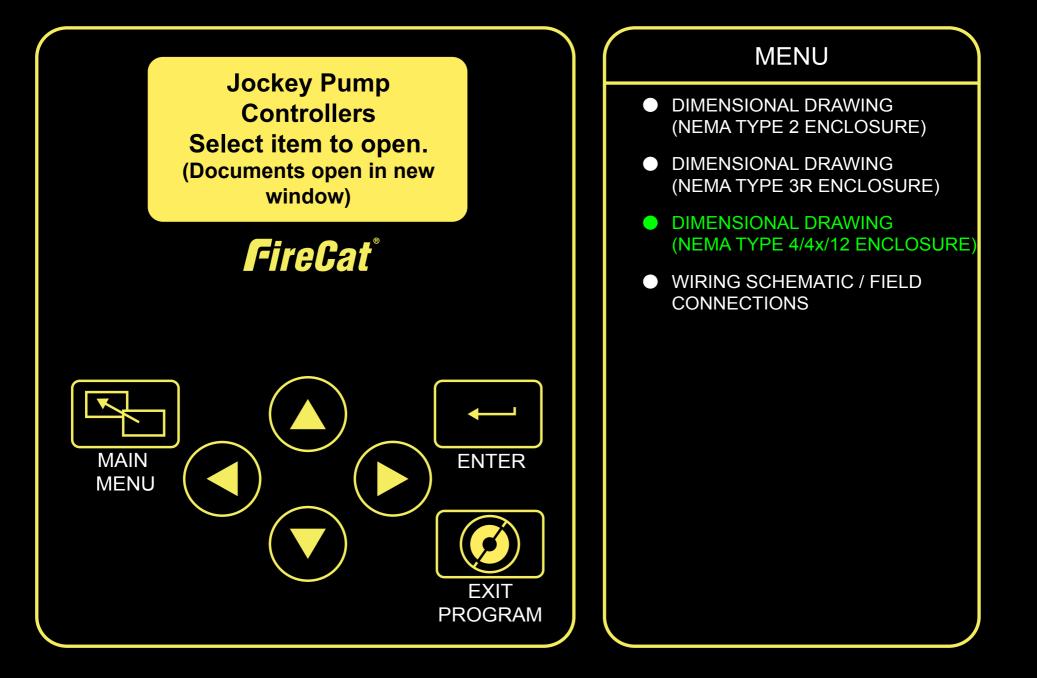


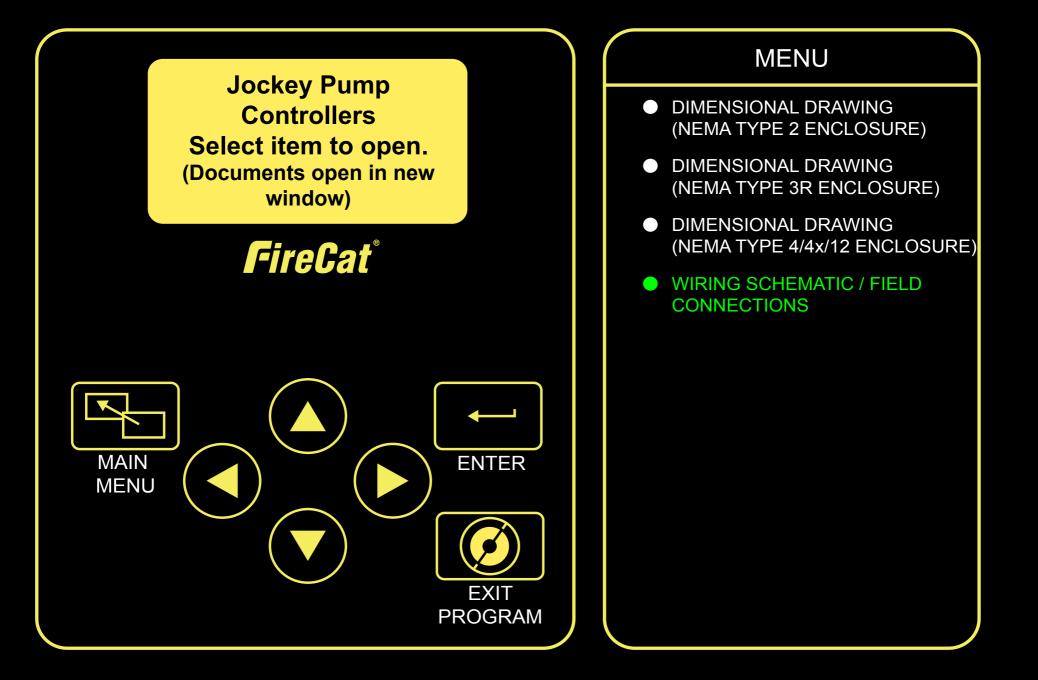


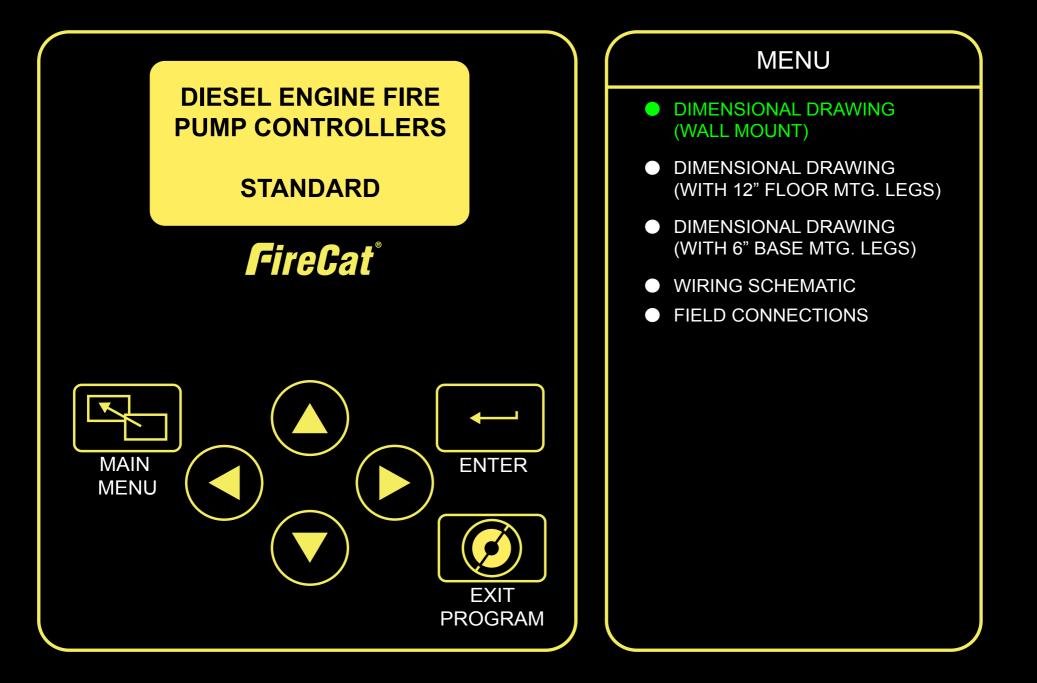


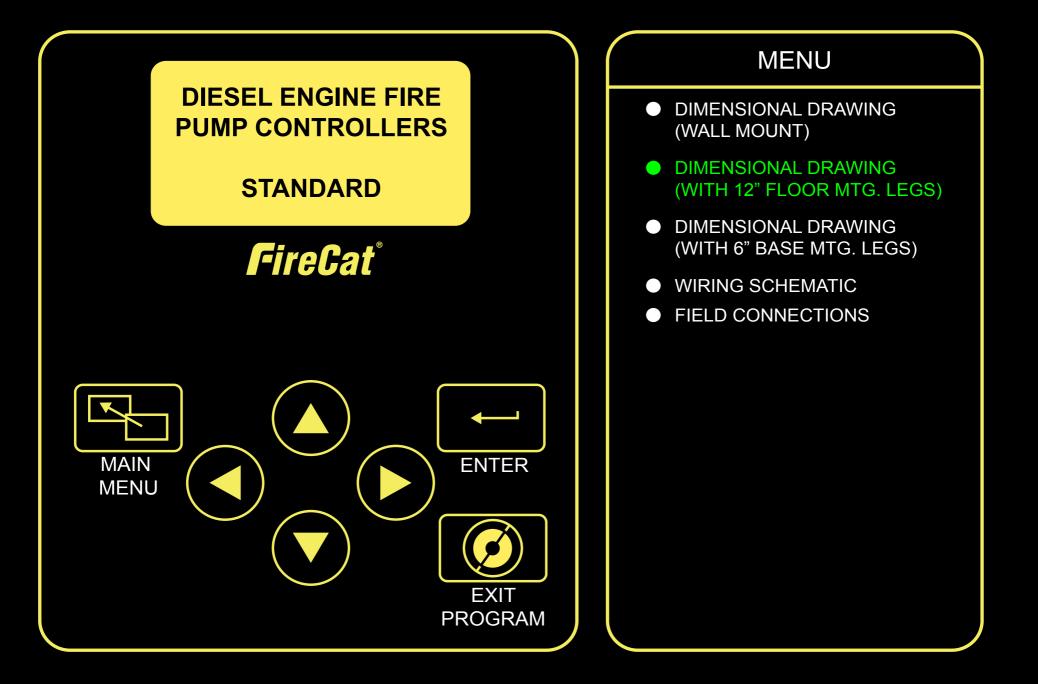


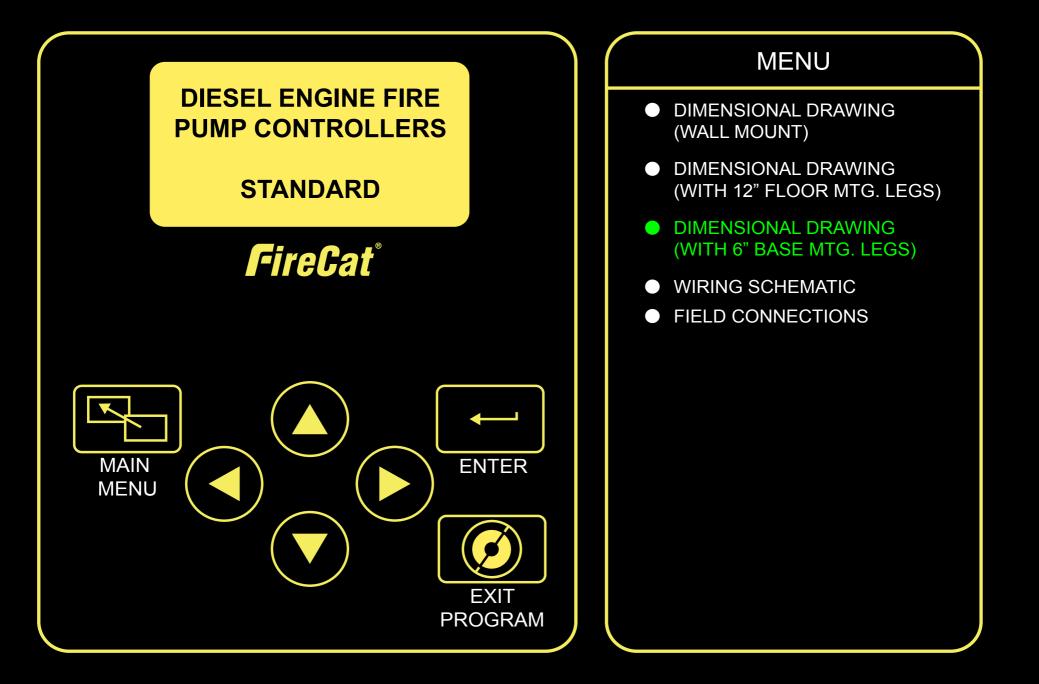


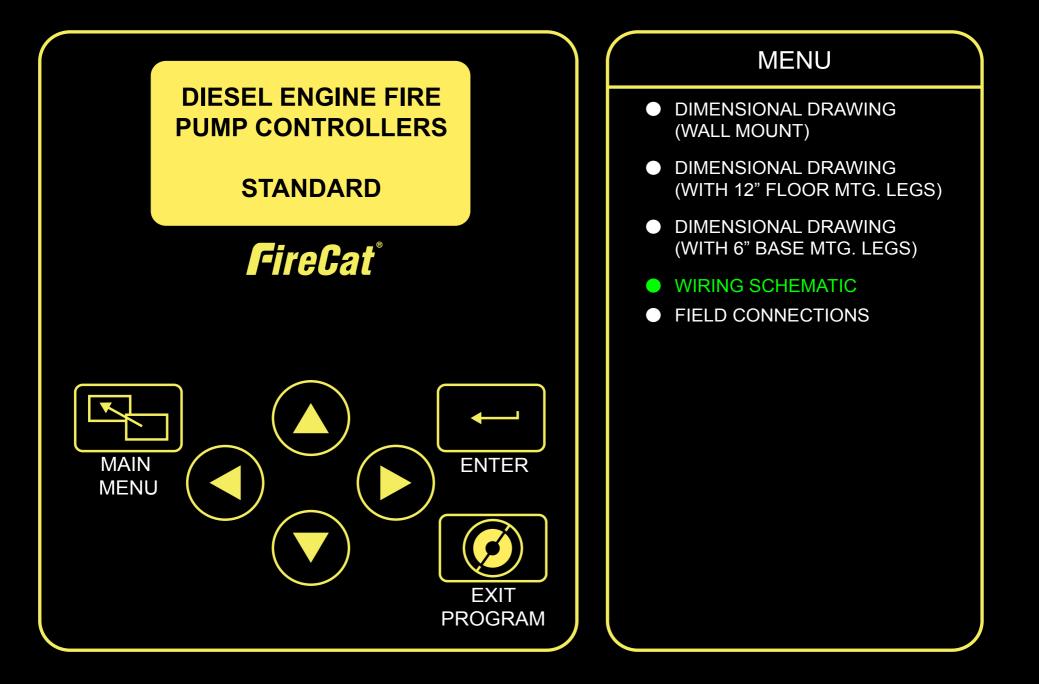


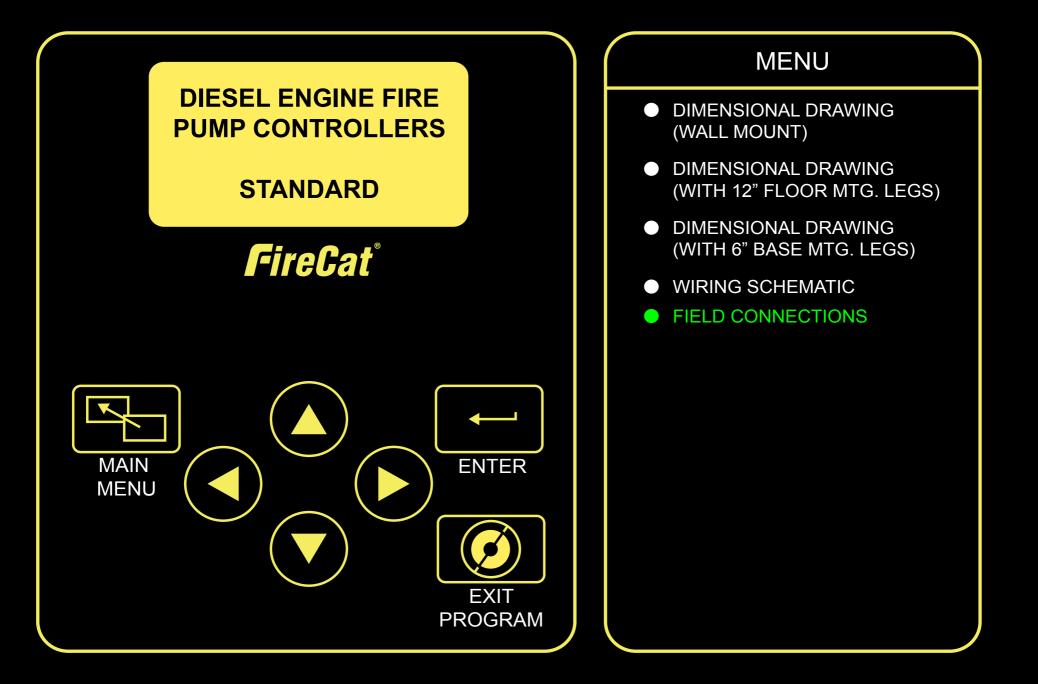


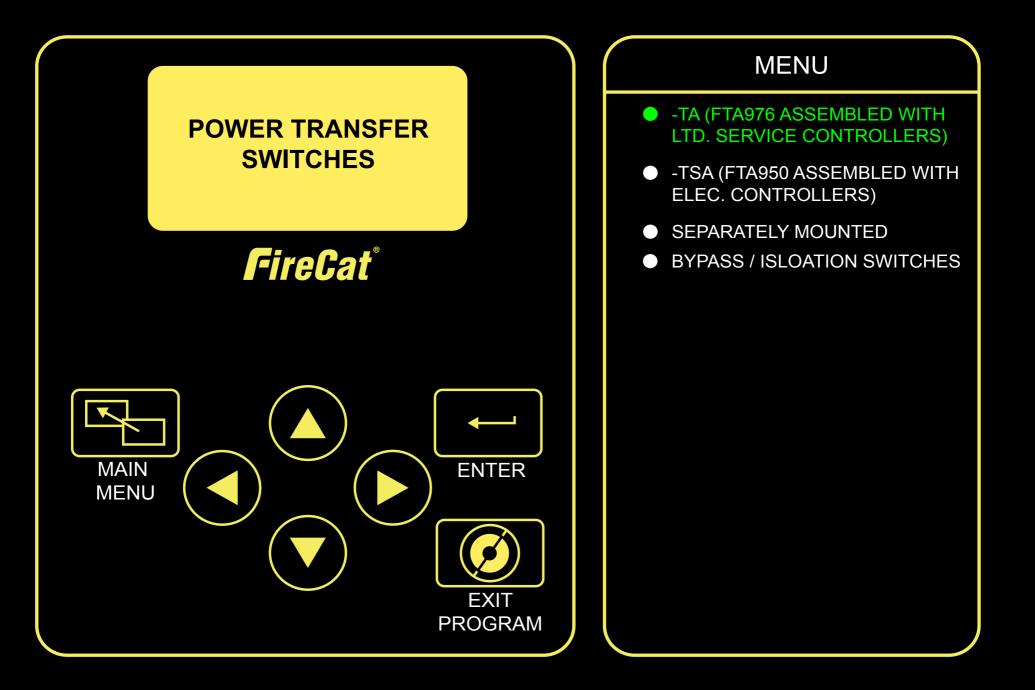


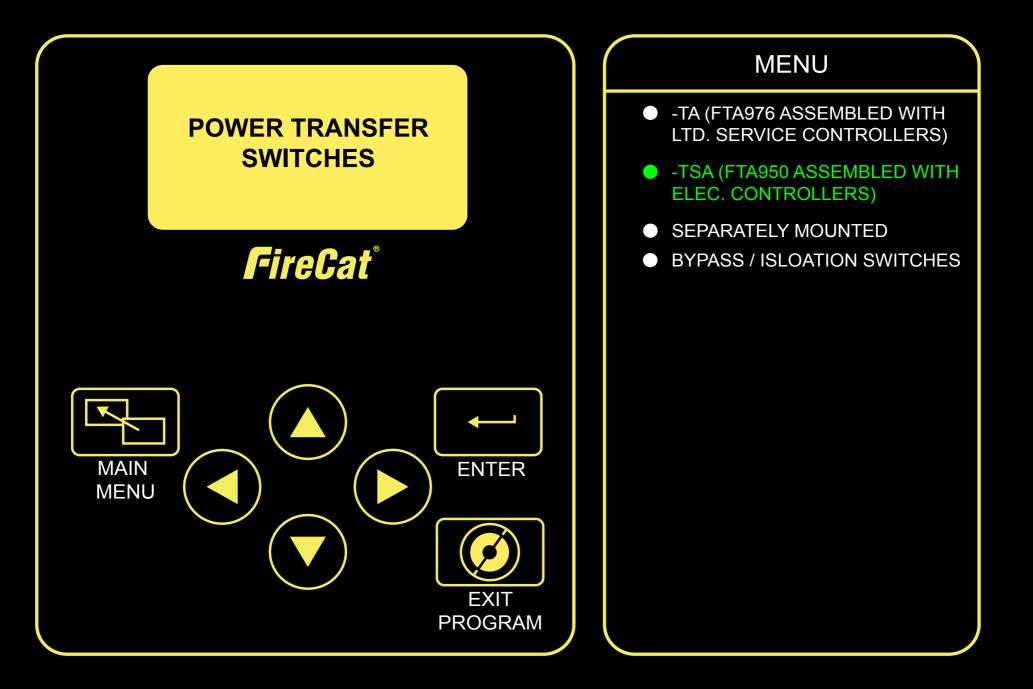


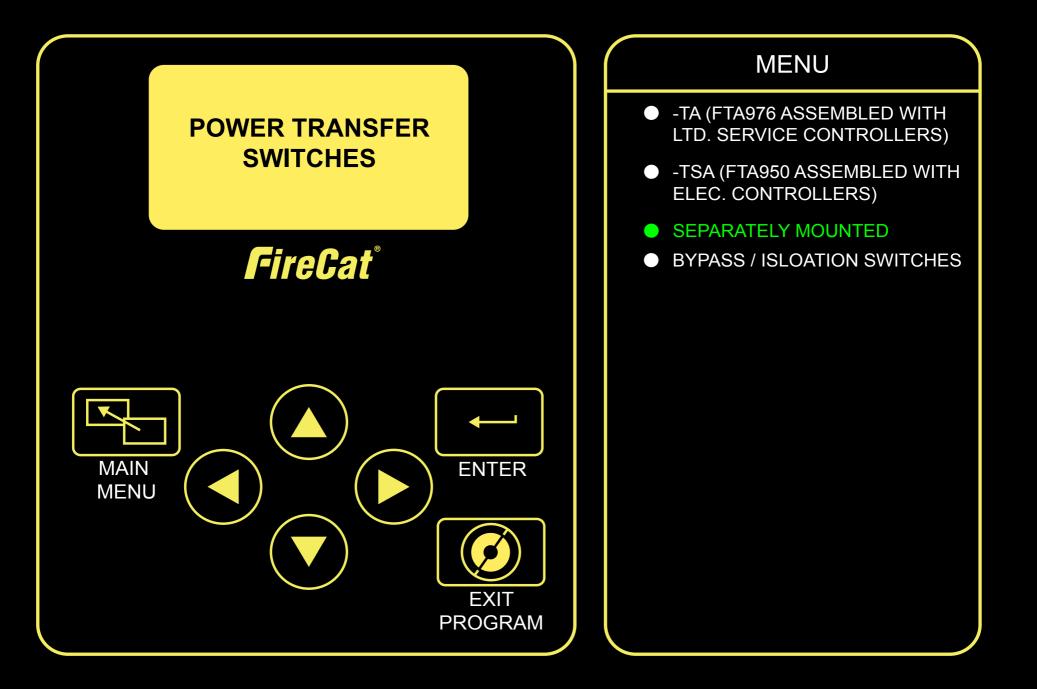


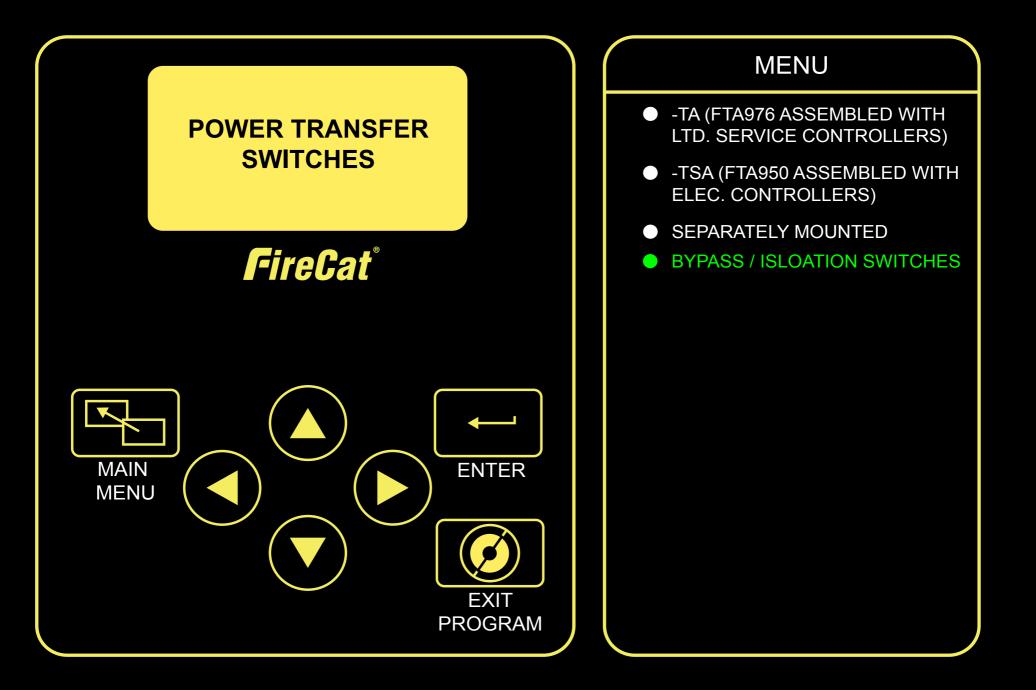


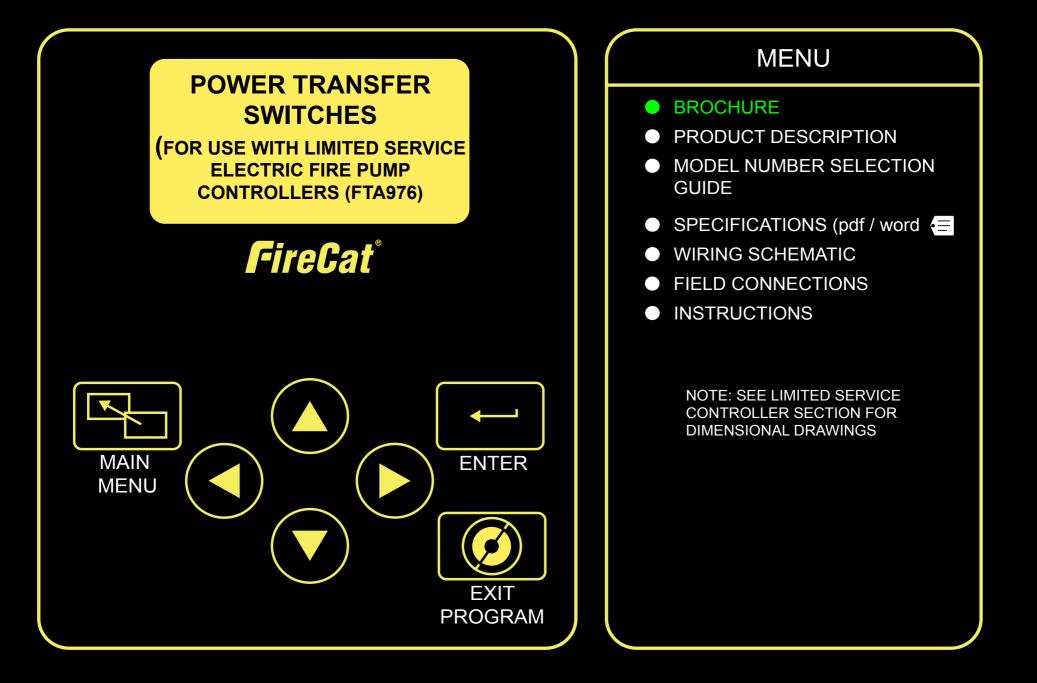


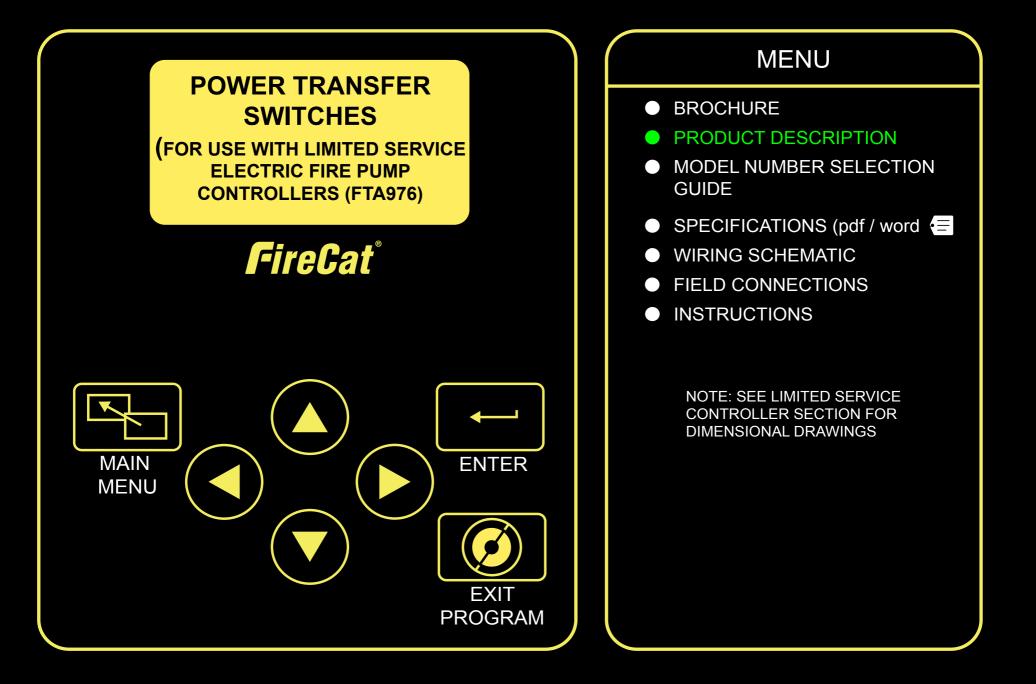


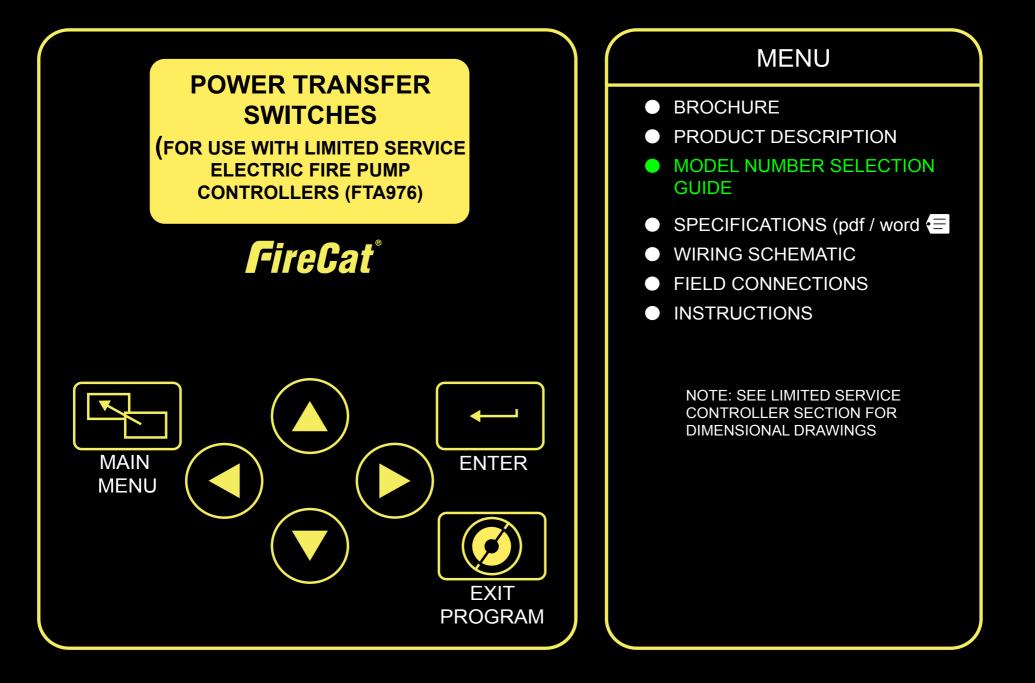


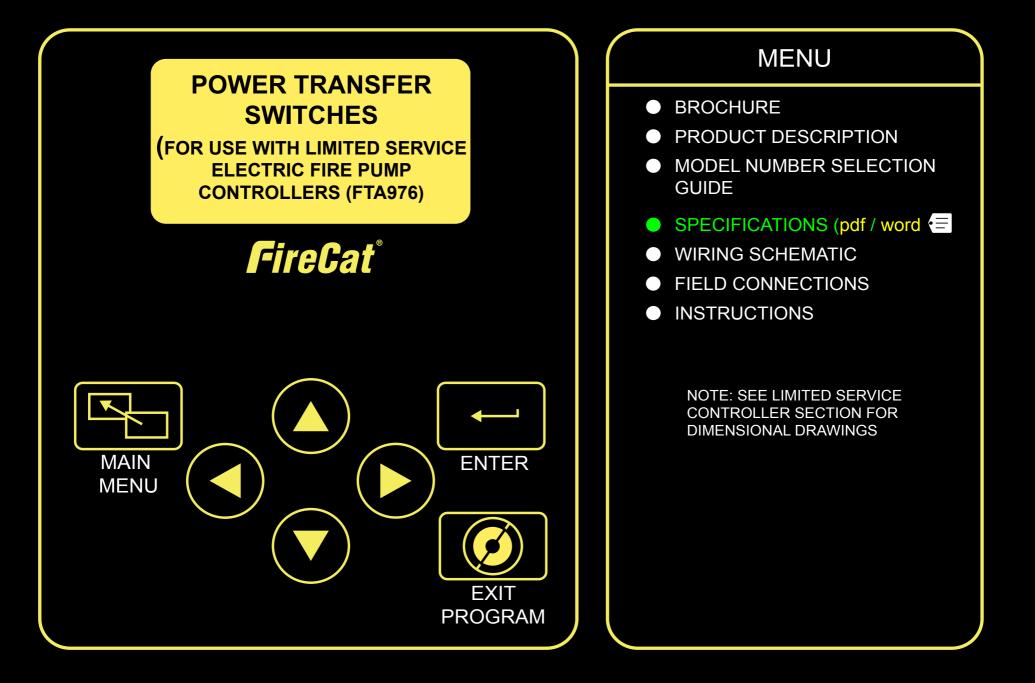


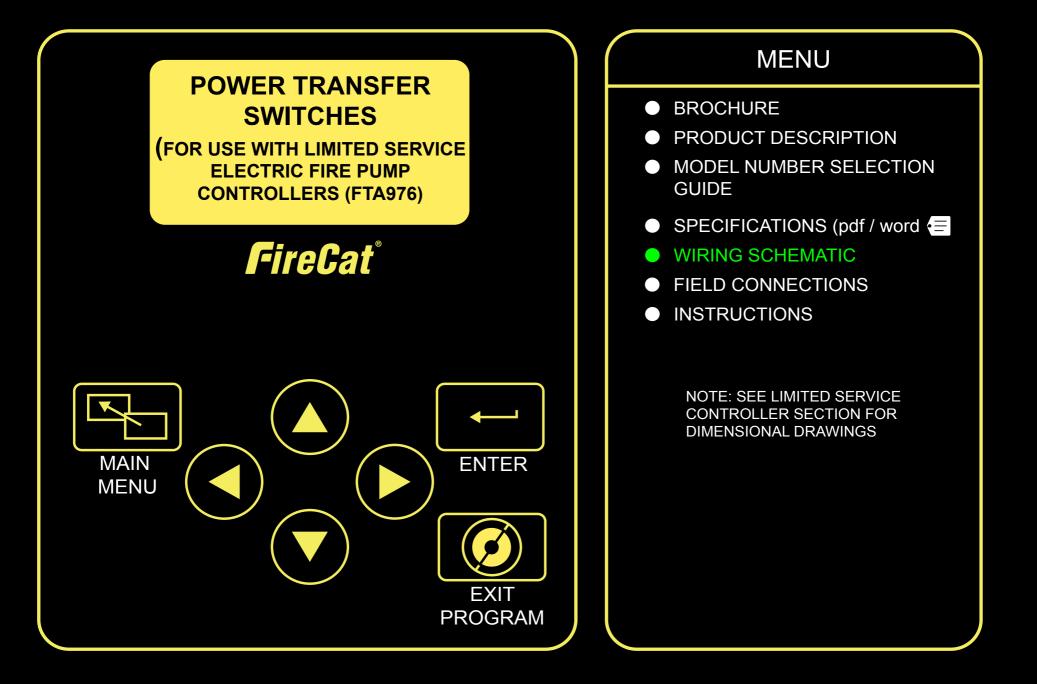


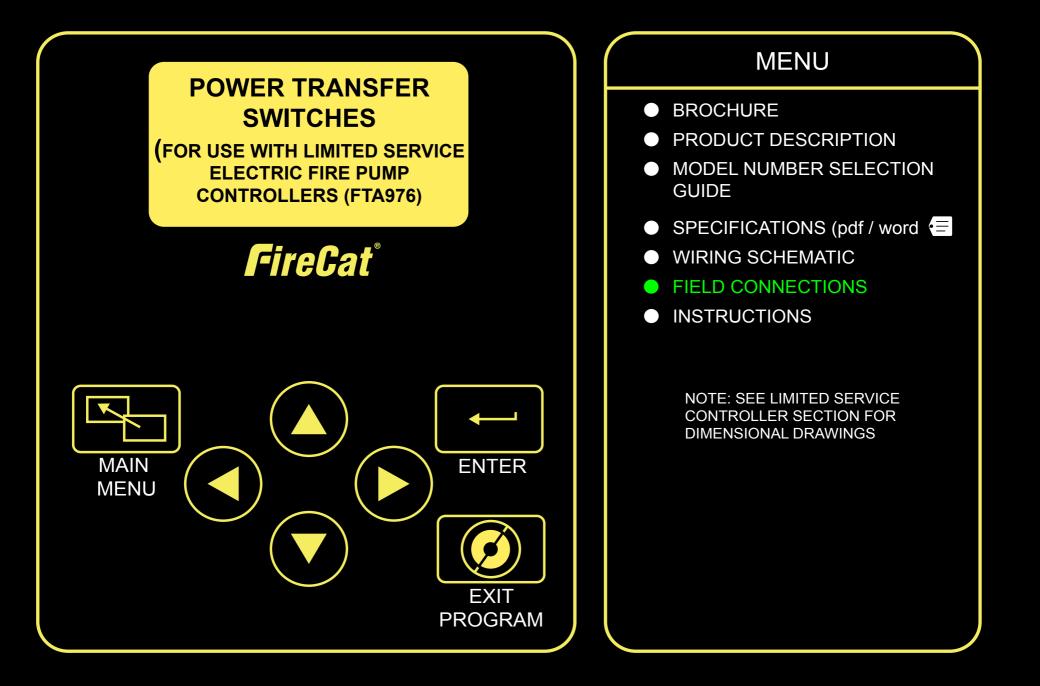


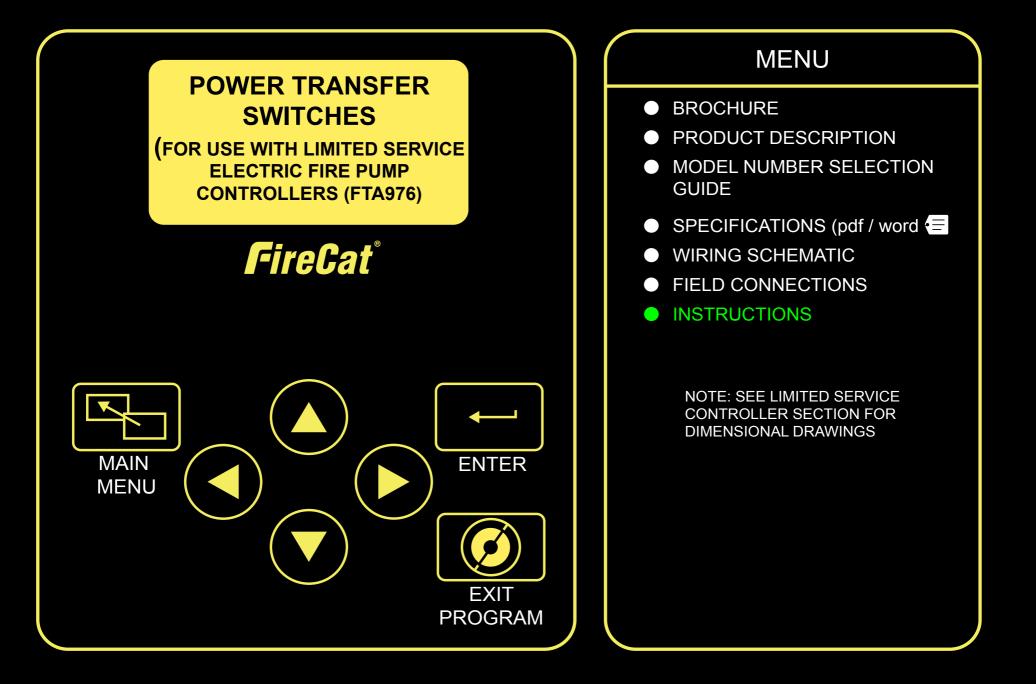


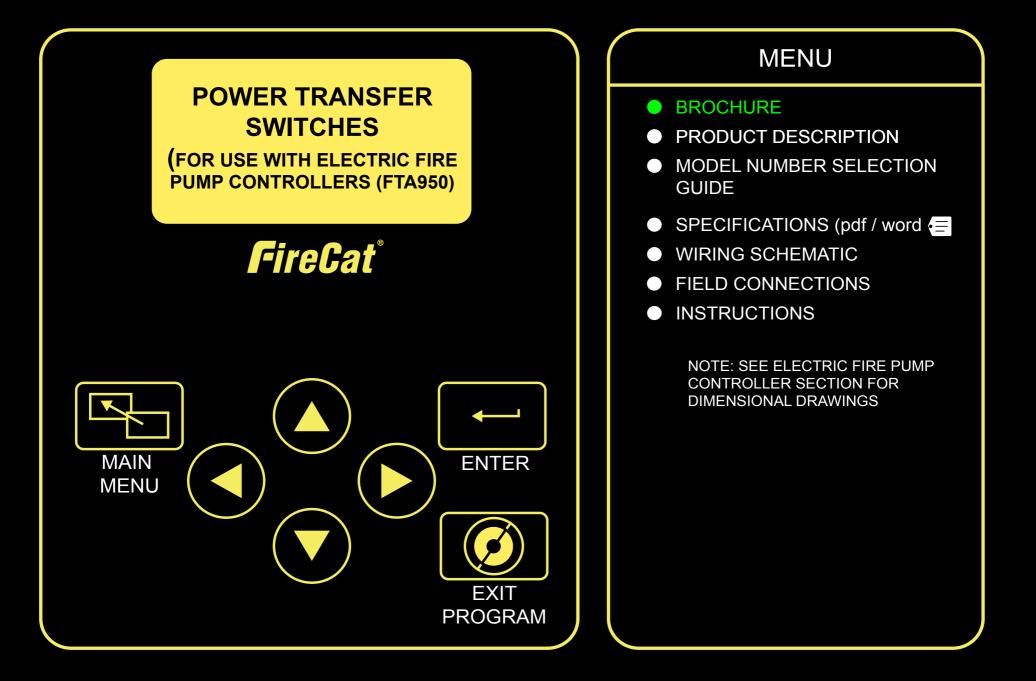


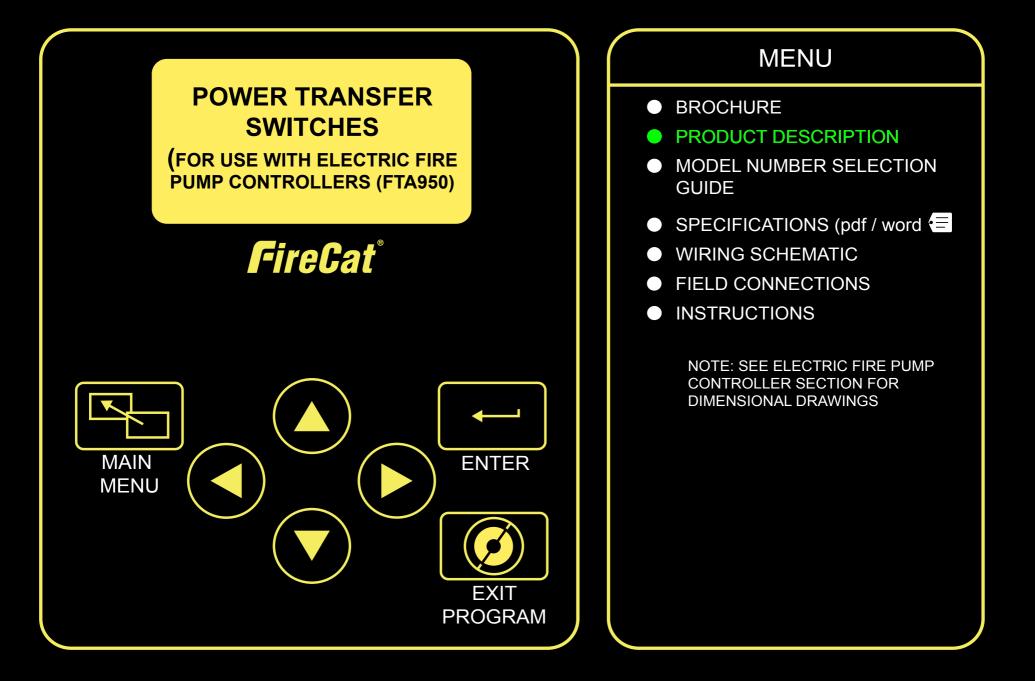


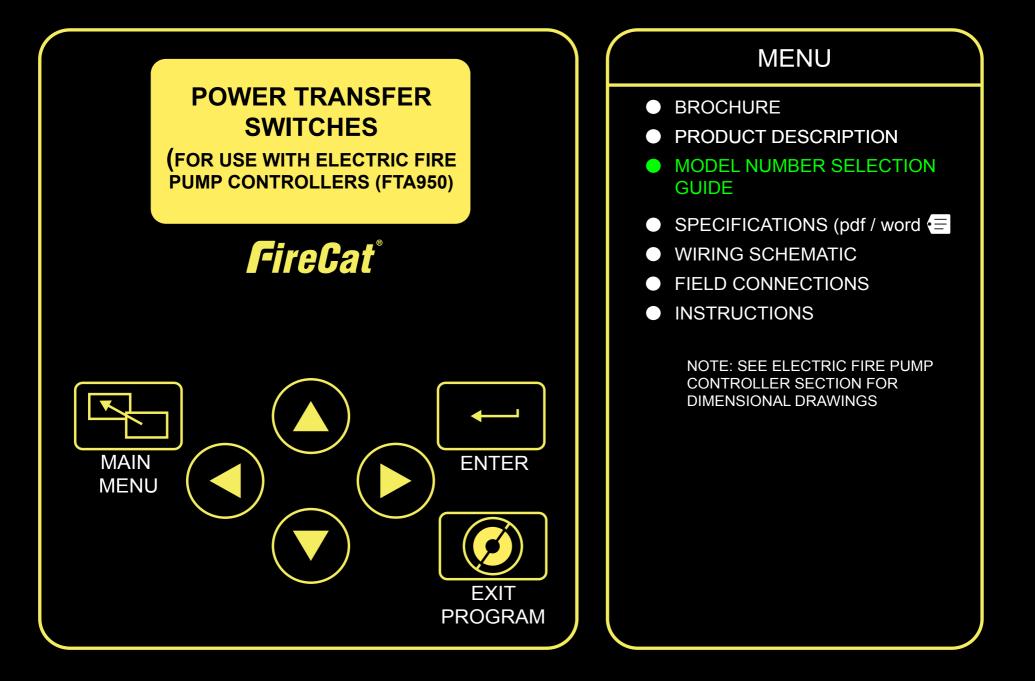


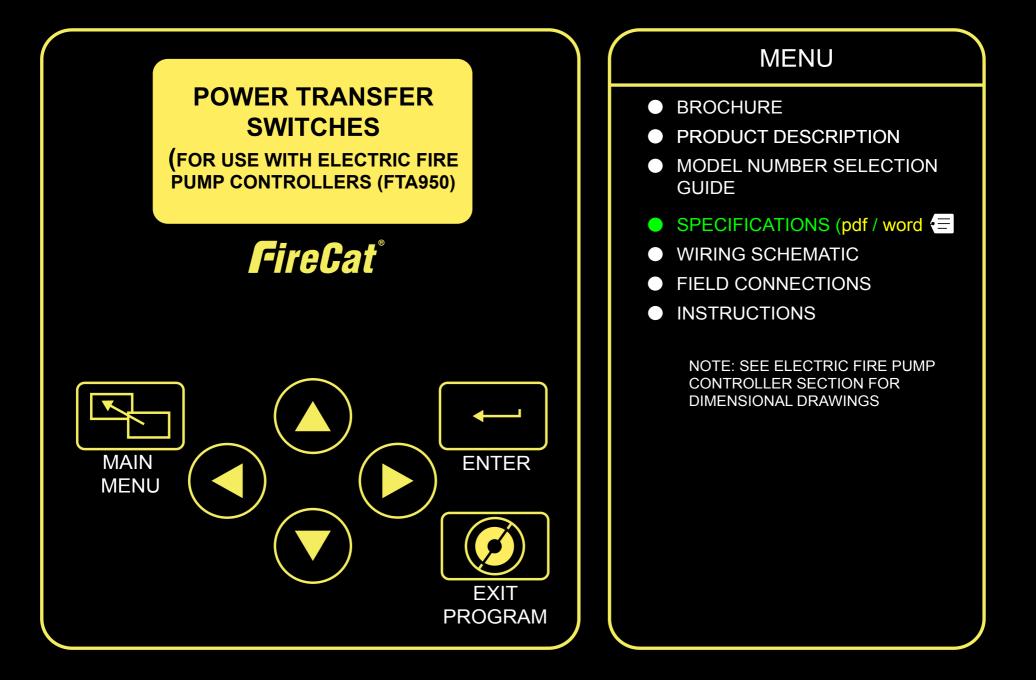


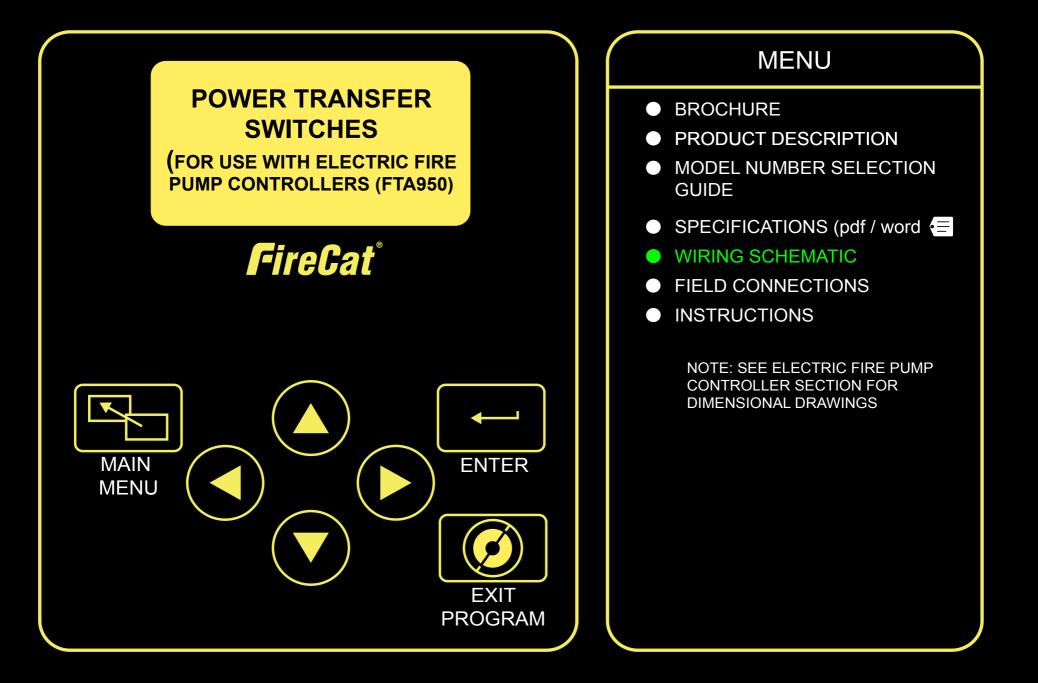


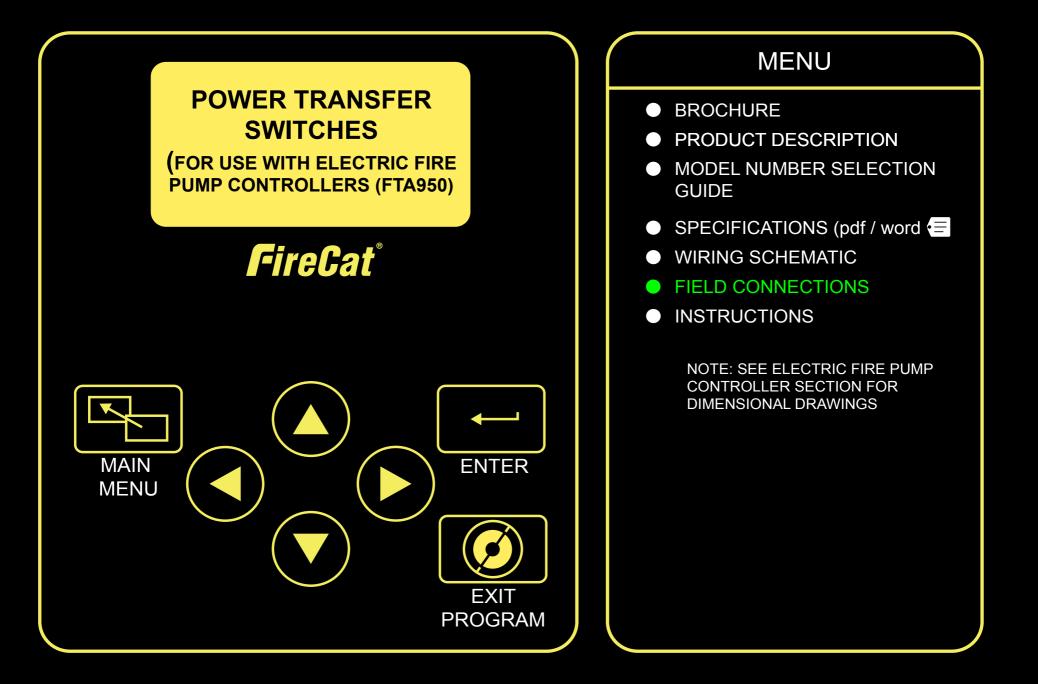


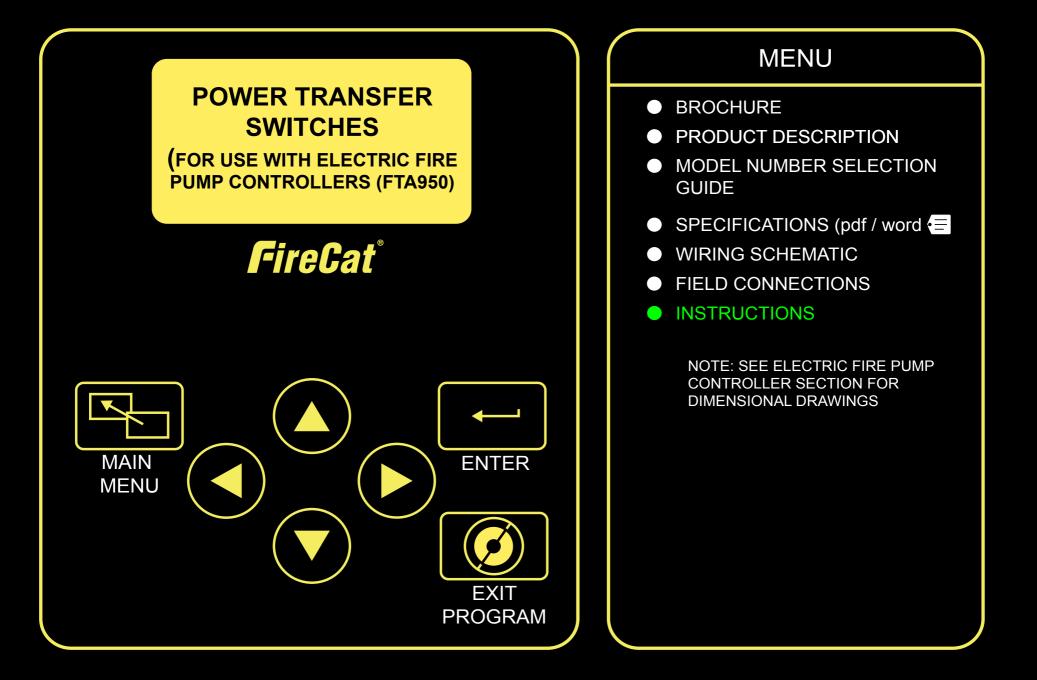


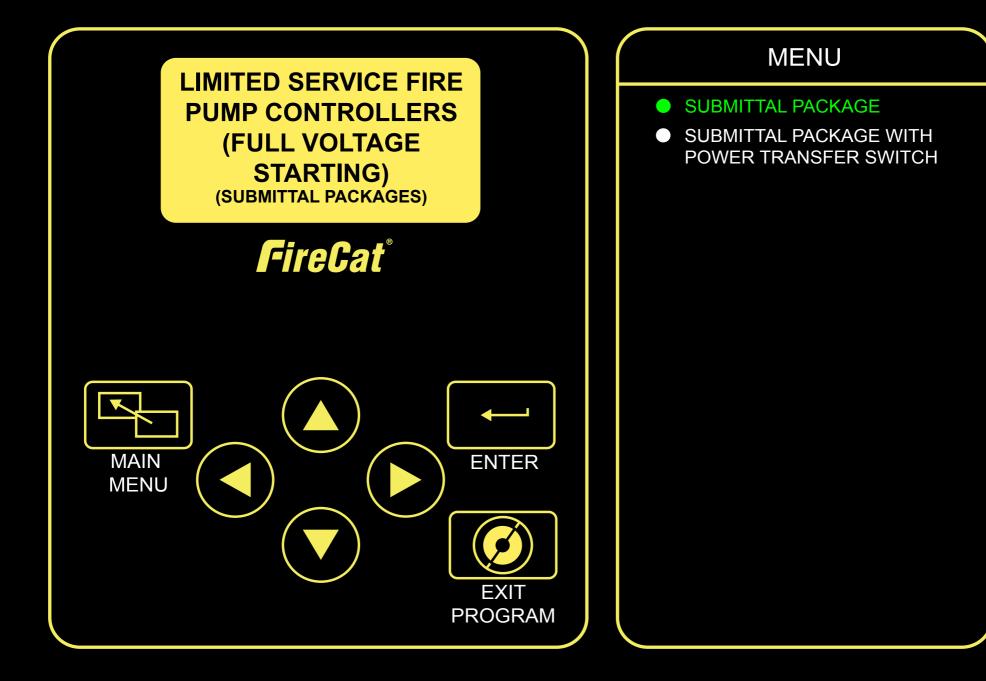


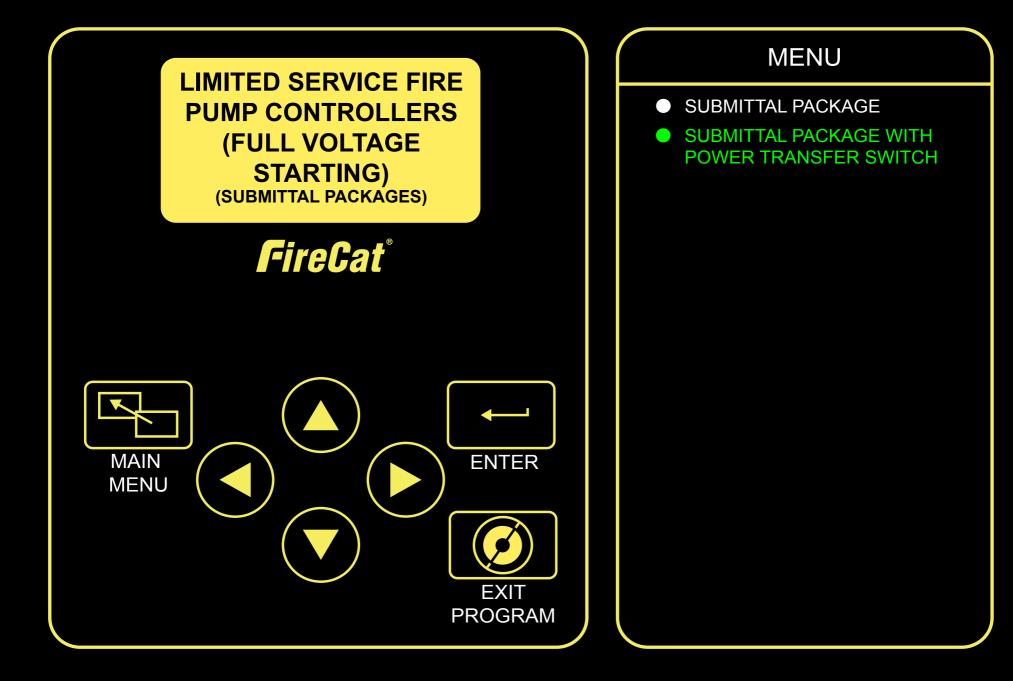








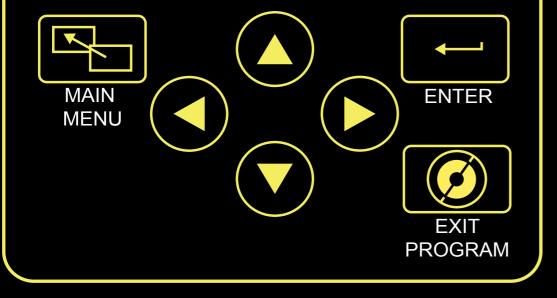




## POWER TRANSFER SWITCHES

(FOR USE WITH ELECTRIC FIRE PUMP CONTROLLERS) -INSTRUCTIONS-

## **FireCat**<sup>®</sup>



## MENU INSTRUCTIONS (SELECT REQUIRED HP & **VOLTAGE BELOW)** AMPERE RATING Horse- 200- 220- 380- 440- 550-240V 415V 480V 600V 208V power 15-25



