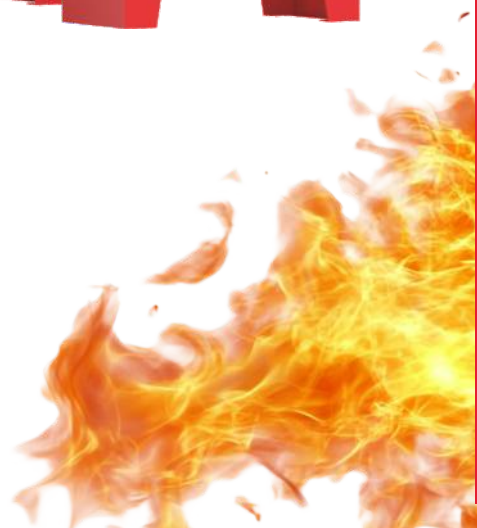
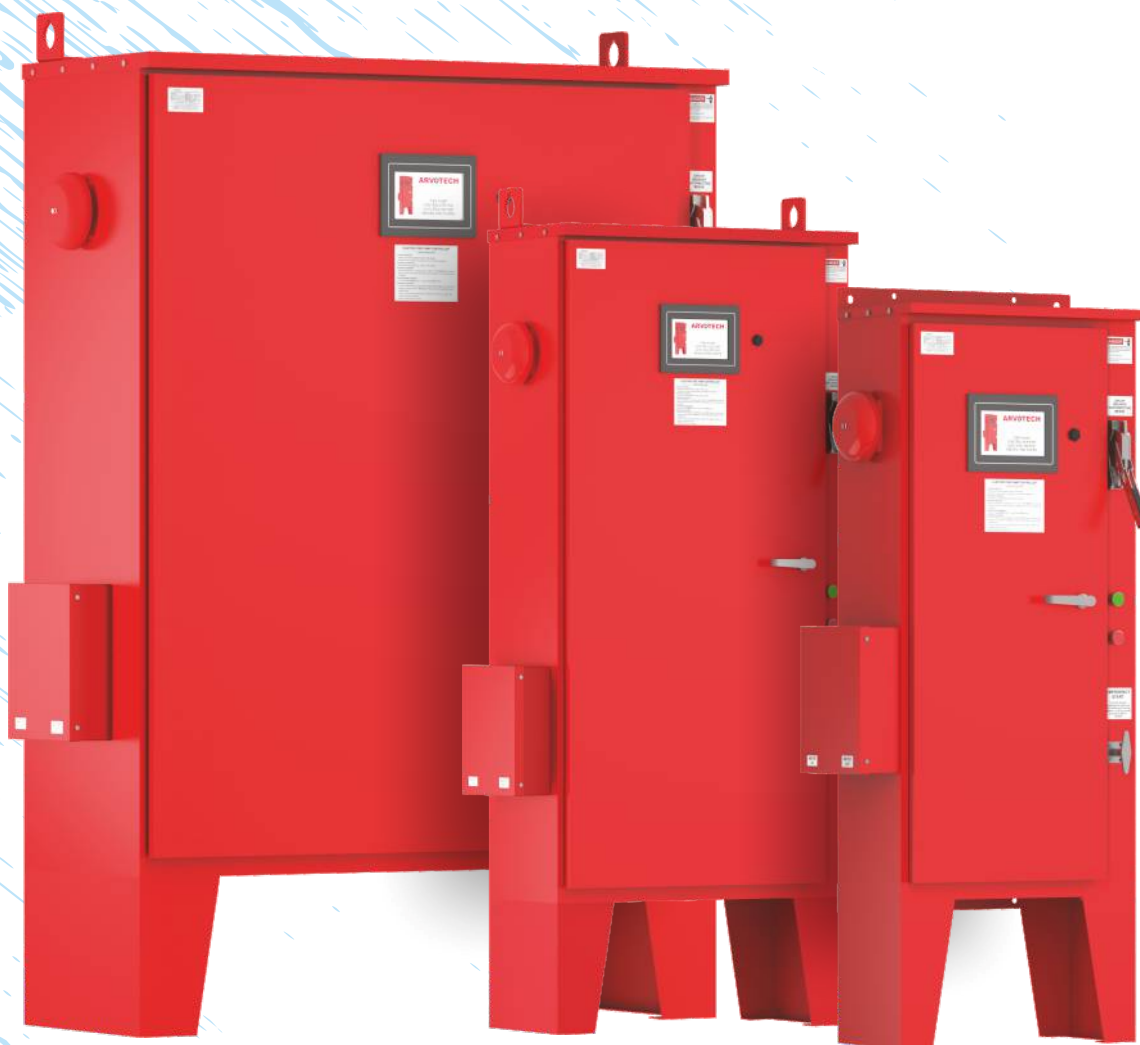


ARVOTECH

ELECTRIC FIRE PUMP CONTROLLER



ELECTRIC FIRE PUMP CONTROLLER



Operator Interface

- 7" Color Touch Screen HMI
- Password protected configuration menu
- Data & Event recording with timestamp
- Graphical representation of trend graphs
- Multi-language English, Spanish, French

Standards & Approvals

- UL218
- FM 1321 / 1323
- BUILD TO NFPA20



Voltage

- Models with 220~240V, 380~415V, 440~480V voltage range

Power

- 10 HP to 300 HP

Types

- Full Voltage Starting (Across The Line)
- Reduced Voltage Starting (WYE-Delta Open Transition)

Frequency

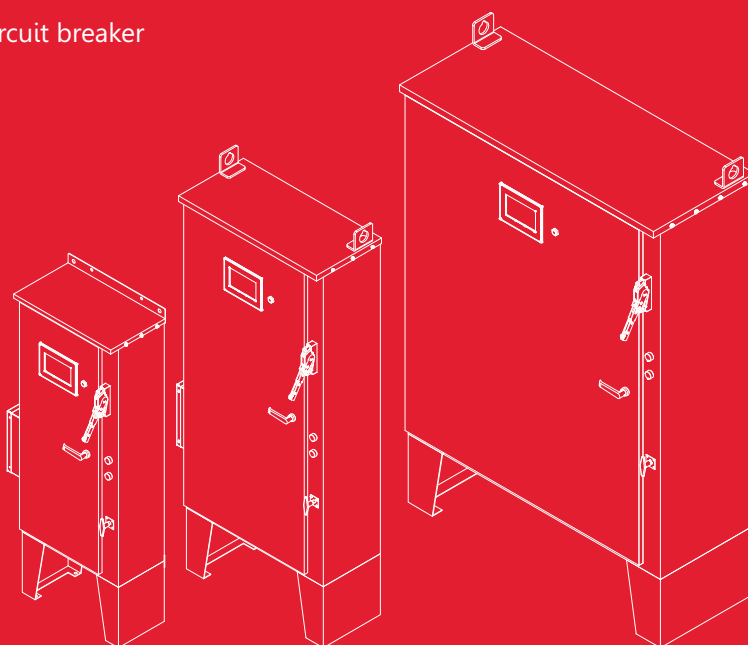
- 50/60 Hz

Enclosure

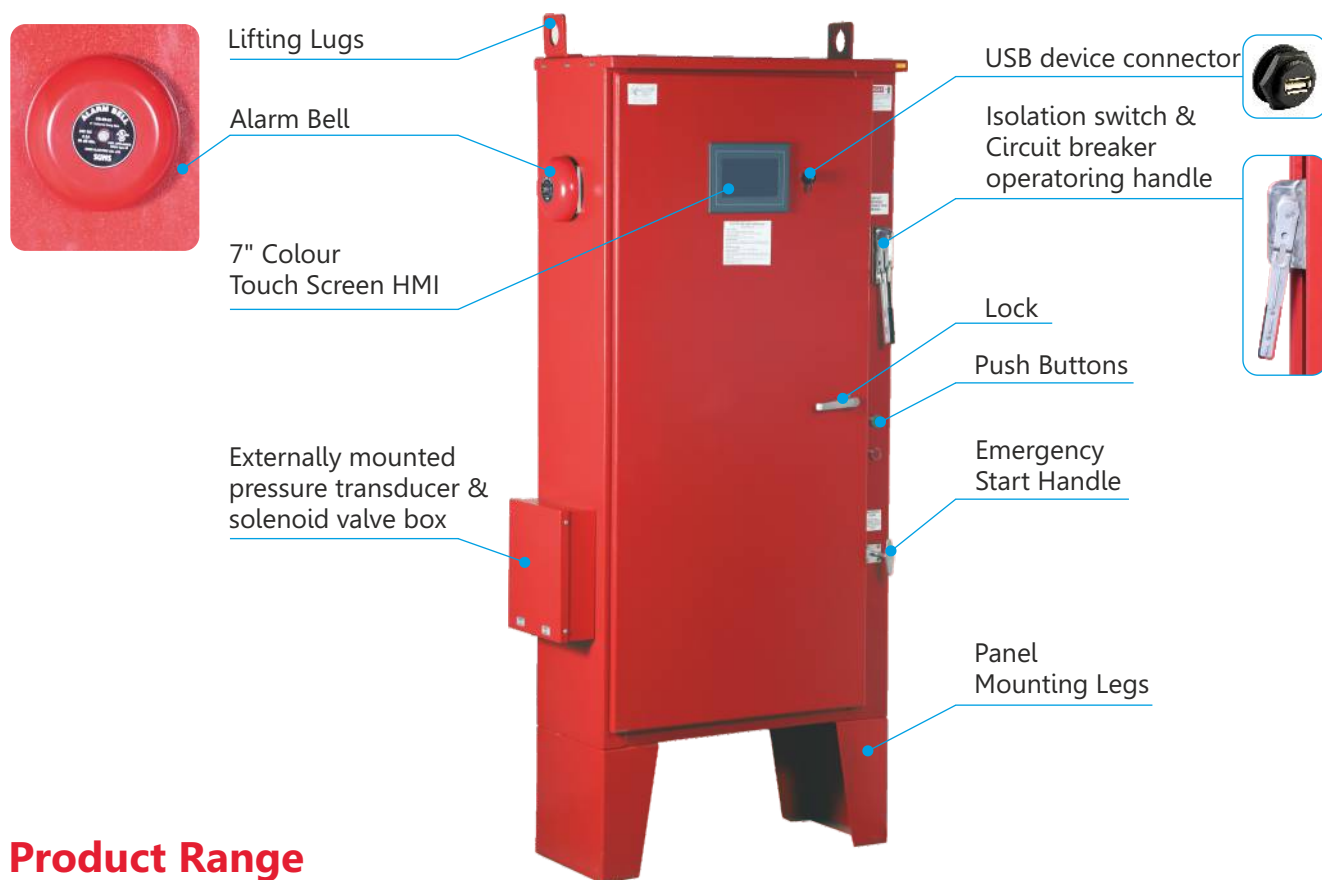
- NEMA Type 2
- Bottom cable entry with gland plate
- Lifting Lugs with foot mount / wall mount arrangement
- Lockable enclosure
- Powder coated enclosure
- RAL3002 color

Standard Features

- Short Circuit Protection
- Voltage Surge Protection
- Single Operator for both isolation switch & circuit breaker
- Door Interlocking Protection
- Locked rotor protection
- Emergency manual start with handle
- Run test push button
- Start and stop pushbuttons
- Remote start provision
- Deluge valve start provision
- Pressure transducer and run test solenoid valve externally mounted
- Voltage, Current & Pressure display
- Pressure and event recorder
- Audible alarm
- Alarm contacts for remote indication
- Power available
- Phase reversal
- Motor run
- Common pump room alarm
- Common Motor trouble
- Field programmable five outputs
- Field programmable five inputs



ELECTRIC FIRE PUMP CONTROLLER



Product Range

Models	Starting Method	Voltage	Enclosure Size	HP	Packing Dimension L X B X H (mm)	Net Weight (kg)	Gross Weight (kg)
	Full Voltage Starting Across The Line	220 - 240V	Small	10-20	750 X 400 X 1650	100	150
		380 - 415V		10-20	750 X 400 X 1650	100	150
		440 - 480V		10-20	750 X 400 X 1650	100	150
	Reduced Voltage Starting WYE-Delta Operation (Open Transition)	220 - 240V	Small	10-40	750 X 400 X 1650	110	160
			Medium	50-75	1000 X 450 X 2100	200	260
			Large	100-150	1500 X 600 X 2100	450	520
		380 - 415V	Small	10-75	750 X 400 X 1650	110	160
			Medium	100-150	1000 X 450 X 2100	200	260
			Large	200-300	1500 X 600 X 2100	450	520
		440 - 480V	Small	10-75	750 X 400 X 1650	110	160
			Medium	100-150	1000 X 450 X 2100	200	260
			Large	200-300	1500 X 600 X 2100	450	520

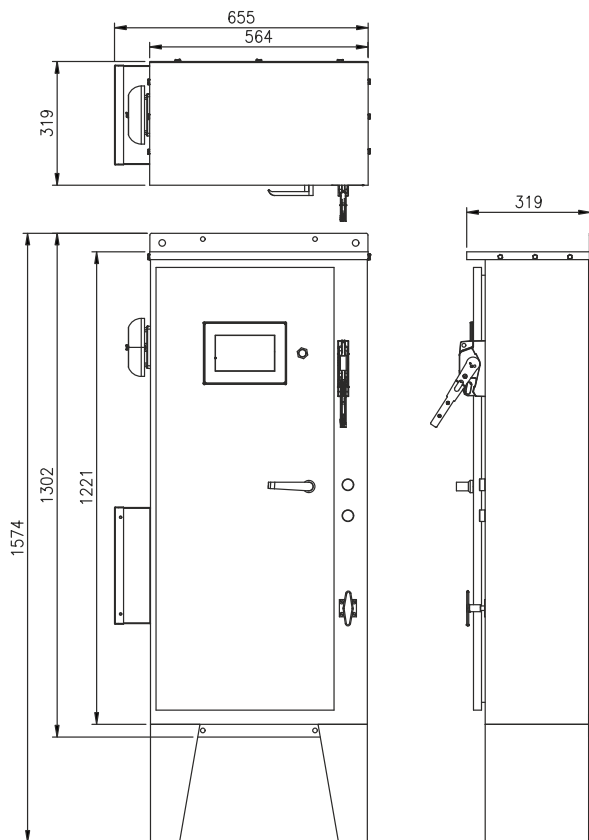
Type Key

AE	a	-	b	-	c	-	3	-	d
ARVOTECH ELECTRIC FIRE PUMP CONTROLLER	Starting Type A = Across The Line Y = WYE-DELTA		Motor HP : 10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 125, 150, 200, 250, 300		Voltage 230 = 220~240 400 = 380~415 460 = 440~480		Phase 3 = 3 Phase		Frequency 50 = 50Hz 60 = 60Hz

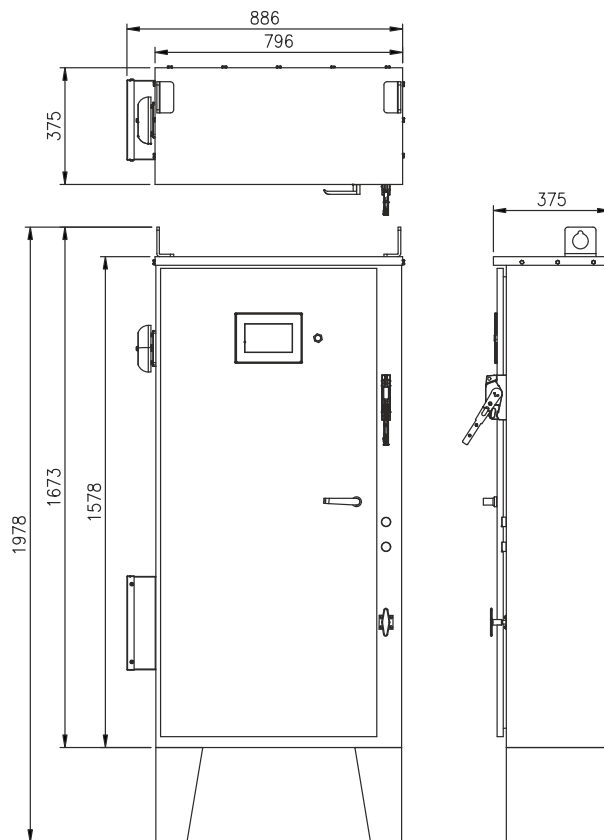
Example : To order 10 HP Controller of 3-Phase, 400V AC, 50Hz, DOL - "AEA-10-400-3-50"

ELECTRIC FIRE PUMP CONTROLLER

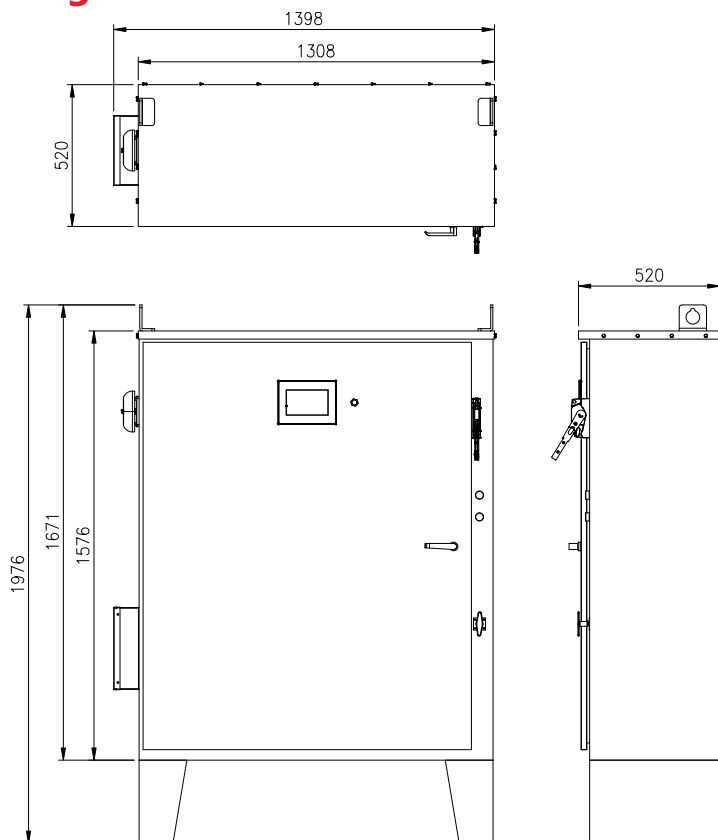
Small Enclosure Dimension



Medium Enclosure Dimension



Large Enclosure Dimension



ARVOTECH

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Product Improvement is a continuous process at 'ARVO'.
The data given in this publication is therefore subject to revision.

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