

GPx Series

Full Service - Electric Fire Pump Controllers

Standard Features

- ViZiTouch 2.1 operator interface
- Pressure and event recorder
- Voltage and amperage display
- Single operator for both isolating switch and circuit breaker
- Surge arrestor
- Lifting lugs
- Run test push button
- Available with automatic power transfer switch
- Emergency start handle
- Start and stop pushbuttons
- Locked rotor protector
- Phase reversal indication
- Remote start / deluge valve start provision
- Pressure transducer and run test solenoid valve externally mounted
- Gland plate
- Alarm buzzer
- Alarm contacts for remote indication
- Available with full voltage and reduced voltage starting



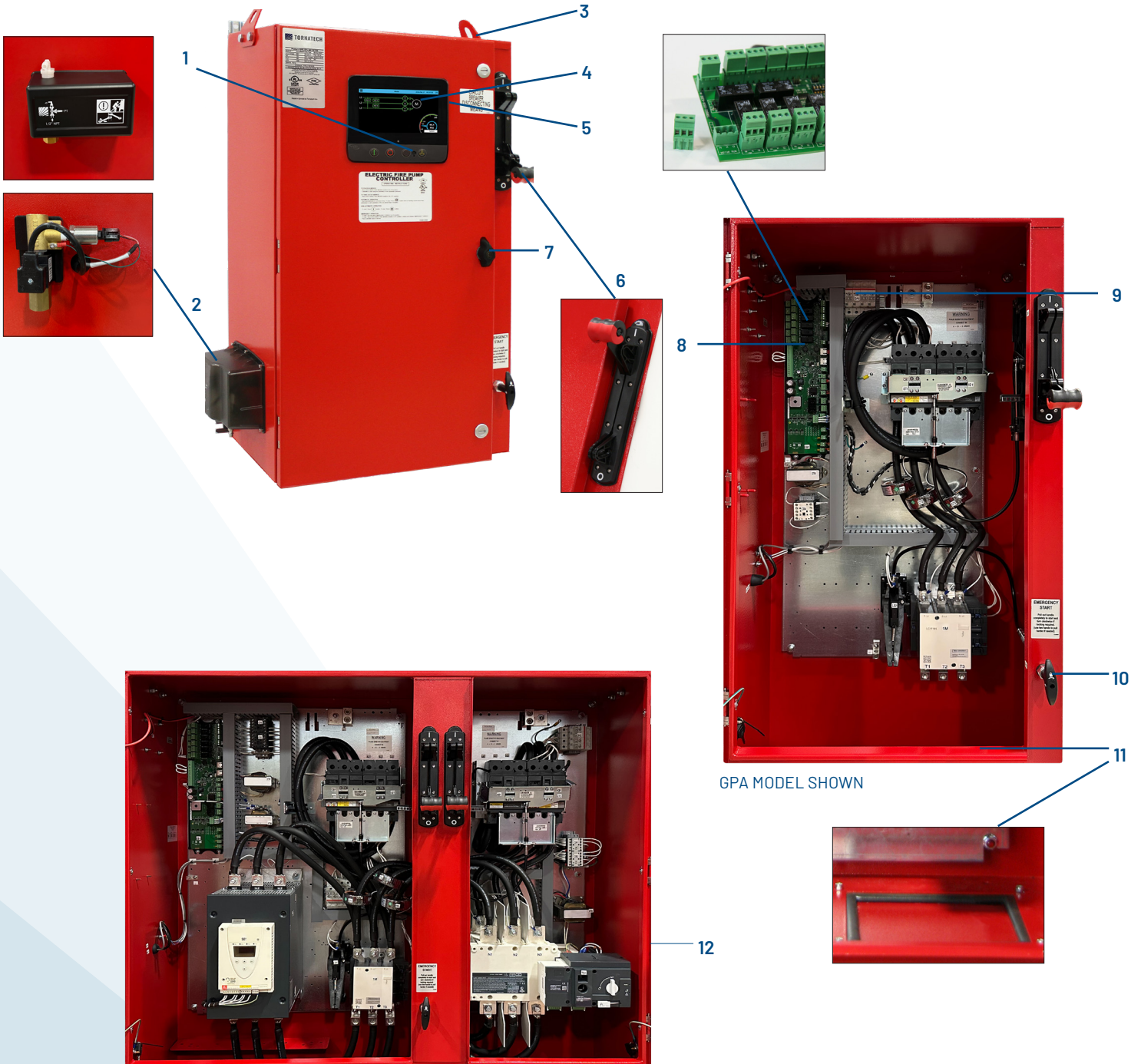
Starting Methods

- Model GPA - Across-the-line
- Model GPY - Wye-Delta Open
- Model GPP - Partwinding
- Model GPR - Autotransformer
- Model GPW - Wye-Delta Closed
- Model GPS - Soft Start Soft Stop

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



1. Alarm buzzer
2. Externally mounted pressure transducer and run test solenoid valve with protective cover
3. Lifting Lugs
4. ViZiTouch 2.1 operator interface
5. Side USB device connector
6. Custom designed Isolation switch / Circuit breaker operator handle
7. Key lock
8. Remote alarm contacts with removable terminals
9. Surge arrestor
10. Custom designed emergency start mechanism with integrated limit switch
11. Gland plate
12. Automatic power transfer switch



GPA MODEL SHOWN

GPS + GPU MODEL SHOWN

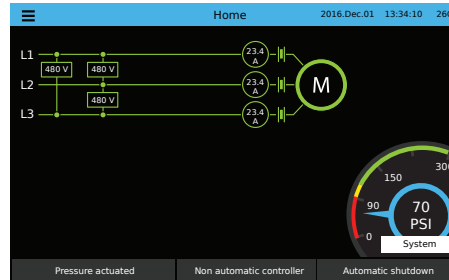


ViZiTouch 2.1 Operator Interface

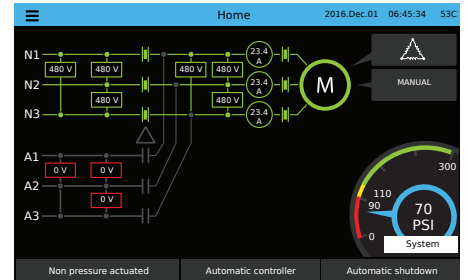


HOME SCREEN

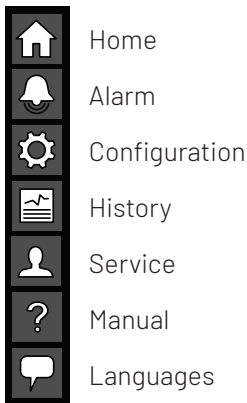
Electric Fire Pump Controller



Electric Fire Pump Controller with Automatic Transfer Switch



ON-SCREEN MENU



SETTINGS

EVENTS

Timestamp	Event Description
2016.12.01 14:28:52	Under Voltage: ACTIVE
2016.12.01 14:28:23	Under Voltage: INACTIVE
2016.12.01 14:28:09	Alarms Reset
2016.12.01 14:28:08	ACB in OFF or Tripped: INACTIVE
2016.12.01 14:12:06	Alternate is Tripped/Open: INACTIVE
2016.12.01 14:11:22	Pump On Demand: INACTIVE
2016.12.01 14:09:55	Control Voltage not Healthy: ACTIVE
2016.12.01 14:08:46	Generator: Started
2016.12.01 14:03:11	Motor: Started in Automatic
2016.12.01 14:03:03	Loss of Power: ACTIVE

VIZITOUCH 2.1 MAJOR FEATURES INCLUDE:

- Touch screen operation with 7" color display and intuitive graphics
- Multi-language
- Upgradable software
- Password protected

HISTORY/STATISTICS

From	Since	On Time
2016.12.01 14:28:09	2016.12.01 14:28:09	61-04-08-27

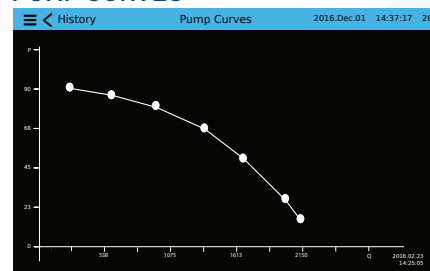
Motor	On Time	Start Count
2016.12.01 14:08:46	0-00-08-57	20

Pressure	Minimum
99.1 PSI	99.1 PSI

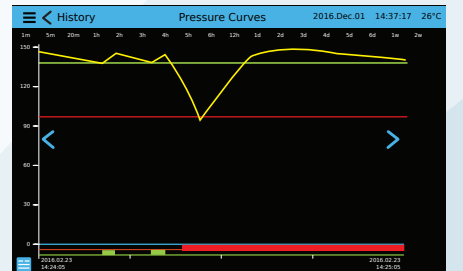
SERVICE

Field	Value
Commissioning date	2016.12.01 14:28:52
Last service date	2016.12.01 14:28:52
Service interval	1 year
Next service due	2016.12.01 14:28:52

PUMP CURVES



PRESSURE CURVES



GPx SERIES SHORT CIRCUIT WITHSTAND RATING

Short Circuit Withstand Ratings																	
HP	200V to 208V 50/60Hz/3ph			220V to 240V 50/60Hz/3ph			380V to 415V 50/60Hz/3ph			440V to 480V 50/60Hz/3ph			575V to 600V 60Hz/3ph				
	Standard	Inter-mediate	High	Standard	Inter-mediate	High	Standard	Inter-mediate	High	Standard	Inter-mediate	High	Standard	Inter-mediate	High		
≤150	100kA	150kA	200kA	100kA	150kA	200kA	100kA	150kA	200kA	100kA	150kA	200kA	50kA	100kA	-		
200	50kA	100kA	-														
250	-	-	-	50kA	100kA	-											
300	-	-	-	-	-	-											
350	-	-	-	-	-	-	50kA	100kA	-								
400	-	-	-	-	-	-											
450	-	-	-	-	-	-	30kA			50kA	100kA	-					
500	-	-	-	-	-	-											

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

Ex.: GPA - 208 / 30 / 3 / 60 / Options

AMERICAS
Tornatech Inc.
Head Office
Laval, Quebec, Canada
Tel: + 1 514 334 0523
Toll free: + 1 800 363 8448

EUROPE
Tornatech Europe SA
Mont-Saint-Guibert, Belgium
Tel: + 32 (0) 10 84 40 01

MIDDLE EAST
Tornatech FZE
Dubai, United Arab Emirates
Tel: + 971 (0) 4 804 1888

ASIA
Tornatech Pte Ltd.
Singapore
Tel: + 65 6795 8114
Tel: + 65 6795 7823