ITT

Commercial Water Systems

CentriPro

FloStandard™ SIMPLEX PUMP CONTROL PANEL

Three Phase - Full Voltage Panel

Uses single dry contact (NO) for start/stop function.

CentriPro™

CentriPro is a brand of ITT Water Technology, Inc. - a subsidiary of ITT Industries, Inc.

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FEATURES

- 230/460 Volt, Three Phase (Derate for 208V)
- Heavy Duty Fused Disconnect (Low Profile)
- Fusible Short Circuit Protection*
- Adjustable Motor Overload and Pump Protection (Class 10 or 20)
- NEMA Rated Motor Starters
- HOA Switch (Side Mounted)
- Outdoor Rated NEMA 3R Enclosures
- Removable Accessory Panel
- "Plug and Play" Field Upgrade Capability
- Defeatable Disconnect (Fuses are not supplied)
- UL Listed Panel

***NOTE:** Fuses not provided. Recommend Class R Type, dual element time delay.

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APPLICATIONS

Three (3) phase full voltage solutions for 5 to 200 HP pump applications. Can be used for surface booster pumps or submersible pumps.

OPTIONAL ACCESSORIES

- Pre-wired Motor and Pump Protection Relay (PumpSaver® 777KWHP)
- Power Surge / Lightning Protection
- Pre-wired Time Clock
- Pre-wired Control Transformer (120V) - required with Time Clock
- Pre-wired Condensation Heater
- Panel Lights - Run and Fault Lights

BENEFITS

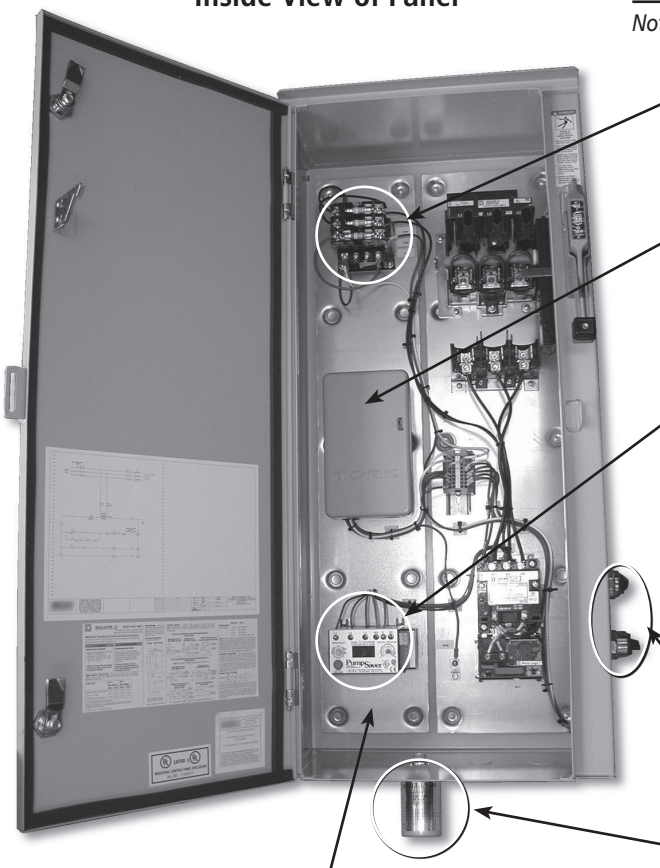
- Heavy Duty Enclosure for Harsh Environments
- Pre-drilled and Pre-wired Accessories for Easy Installation / Field Upgrades
- Long Profile for Restricted Space Installations
- NEMA Rated Motor Contactor for Long Life Operation
- Prefabricated Conduit Entrance Plates
- One-piece Mounting Flanges for Minimum Corrosion
- "Plug and Play" Accessory Installation
- Low Profile Disconnect Switch
- HOA Mounted on Side to Reduce Accidental Tripping
- Suitable for Padlock Door

STANDARD PANEL VIEW

View of Panel without options

- **Rain Drip Cover**
- **Disconnect** (Fuses not supplied.)
- **Disconnect Switch** (Defeatable)
- **Additional Mounting Space for Options** (See next page.)
- **Wiring Terminal Strip**
- **NEMA Rated Contactor/Starter**
- **HOA Switch**
- **Class 10 or 20 Electronic Adjustable Overloads**
- **Conduit Knockouts**

Inside View of Panel



NOTE: Fuses not included. Size based on motor HP and motor type.

OPTIONAL ACCESSORIES

Not included on standard panel.

Control Transformer (120V)
Pre-wired with fuses. Used for control power on time clock, panel heater and lights.

Time Clock (Requires 120V Transformer)
Durable rotary type irrigation control. Enables start/stop panel operation.

Pump/Monitor Saver
PumpSaver 777KWHP provides increased protection from input voltage problems, phase imbalance, load current and overload. Adjustable overloads for Class 10 and 20. Complete monitoring and protection of your pump and motor based on voltage, amperage and KW use.

Run/Fault Lights
Side mounted green run or red fault lamp. (Requires 120V transformer.) Suitable for outdoor use.

Surge/Lightning Protection
Provides an effective protection for panel due to high voltage surges or most lightning strikes.

Condensation Heater
A 50 watt heater used for freezing temperatures and keeps moisture levels down. (Requires 120V transformer.) Comes pre-wired for panel.

WEIGHTS / DIMENSIONS

NEMA Starter Size	H x W x D[1]	Weight
1	36 x 16 x 9	40 lbs.
2	36 x 16 x 9	55 lbs.
3	45 x 20 x 11	111 lbs.
4	45 x 20 x 11	170 lbs.
5	73 x 22 x 18	440 lbs.

[1]Dimensions in inches.

UL 508A

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UNITS SUPPLIED WITH CLASS 20 ADJUSTABLE OVERLOAD PROTECTION (FOR ABOVE GROUND THREE PHASE PUMPS)

Order Number	Maximum HP	3ø Input Voltage	NEMA Starter Size	Maximum Amps	Maximum Fuse Holder Size (Amps)	Enclosure Size	Weight lbs.
FV2070027A1	7½	230	1	27	30	36"H x 16"W x 9"D	40
FV2015045A2	15		2	45	60		55
FV2030090A3	30		3	90	100	45"H x 20"W x 11"D	111
FV2050130A4	50		4	135	200		170
FV2100311A5	100		5	270	400	73"H x 22"W x 18"D	440
FV4010018B1	10	460	1	27	30	36"H x 16"W x 9"D	40
FV4025045B2	25		2	45	60		55
FV4050090B3	50		3	90	100	45"H x 20"W x 11"D	111
FV4100200B4	100		4	135	200		170
FV4200311B5	200		5	270	400	73"H x 22"W x 18"D	440

UNITS SUPPLIED WITH CLASS 10 OVERLOAD PROTECTION (FOR SUBMERSIBLE THREE PHASE PUMPS)

Order Number	Maximum HP	3ø Input Voltage	NEMA Starter Size	Maximum Amps	Maximum Fuse Holder Size (Amps)	Enclosure Size	Weight lbs.
FV2070027A1T	7½	230	1	27	30	36"H x 16"W x 9"D	40
FV2015045A2T	15		2	45	60		55
FV2030090A3T	30		3	90	100	45"H x 20"W x 11"D	111
FV2050130A4T	50		4	135	200		170
FV2100311A5T	100		5	270	400	73"H x 22"W x 18"D	440
FV4010018B1T	10	460	1	27	30	36"H x 16"W x 9"D	40
FV4025045B2T	25		2	45	60		55
FV4050090B3T	50		3	90	100	45"H x 20"W x 11"D	111
FV4100200B4T	100		4	135	200		170
FV4200311B5T	200		5	270	400	73"H x 22"W x 18"D	440

UNITS SUPPLIED WITH CLASS 10 OVERLOAD PROTECTION WITH PUMP MONITOR (777) AND LIGHTNING PROTECTION

Order Number	Maximum HP	3ø Input Voltage	NEMA Starter Size	Maximum Amps	Maximum Fuse Holder Size (Amps)	Enclosure Size	Weight lbs.
FV2070027A1W	7½	230	1	27	30	36"H x 16"W x 9"D	40
FV2015045A2W	15		2	45	60		55
FV2030090A3W	30		3	90	100	45"H x 20"W x 11"D	111
FV2050130A4W	50		4	135	150		170
FV2100311A5W	100		5	270	400	73"H x 22"W x 18"D	440
FV4010018B1W	10	460	1	27	30	36"H x 16"W x 9"D	40
FV4025045B2W	25		2	45	60		55
FV4050090B3W	50		3	90	100	45"H x 20"W x 11"D	111
FV4100200B4W	100		4	135	200		170
FV4200311B5W	200		5	270	400	73"H x 22"W x 18"D	440

ACCESSORIES SOLD SEPARATELY - FIELD INSTALLATION REQUIRED.

Option	Description	Wt. lbs.
FSCT	120 V Control Transformer	7
FSSP	Surge/Lightning Protection	2
FSPP	Pump Monitor (777) Includes class 10 overload	2
FSTC	Time Clock *	1
FSPH	Condensation Heater *	1
FSGN	Green Run Light *	1
FSRN	Red Alarm Light *	1
FSOP	Class 10 Overload Protection *	1

***NOTE:** Requires control transformer option FSCT. For specials or other options, consult factory.

NOTE: Recommend class "R" fuse type dual-element, time delay **NOT INCLUDED.**

For 15 and 30 HP, 460 Volt panels with a "W" suffix, fuse reducers are required.

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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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