

Ordering Guide

ArcSafe® PCC _____ - _____ - _____
1 2 3 4 5

- 1: D - Duplex
T - Triplex
- 2: Service Voltage
A - 120/240, 1Ph, 3W
B - 120/208, 3Ph, 4W
C - 240, 3Ph, 3W
D - 277/480, 3Ph, 4W
- 3: Motor Starter
1 - FVNR Starter
2 - Reduced Voltage Soft Start
3 - AFD w/bypass
- 4: Horsepower
(specify)
- 5: Options
(specify)

Options and Accessories

- ST - Submersible Transducer
- FS - Float Switches
- RTU - Telemetry RTU
- VS - Variable Speed Controls

Standards and Approvals

- * UL508A Listed
- * National Electric Code
- * Sensor Connections UL 698A
Listed for hazardous locations
with proper field wiring

Nominal Dimensions

5' wide x 1'-4" deep x 6'-9" high

Approximate Weight

2,000 lbs.



TECHNOLOGIES

8520 Hollander Drive, Franksville, WI
Phone: (262)886-0228 Fax: (262)886-0221
starnet-wi.net

www.arrowliftstations.com



Pre-engineered Control Panels

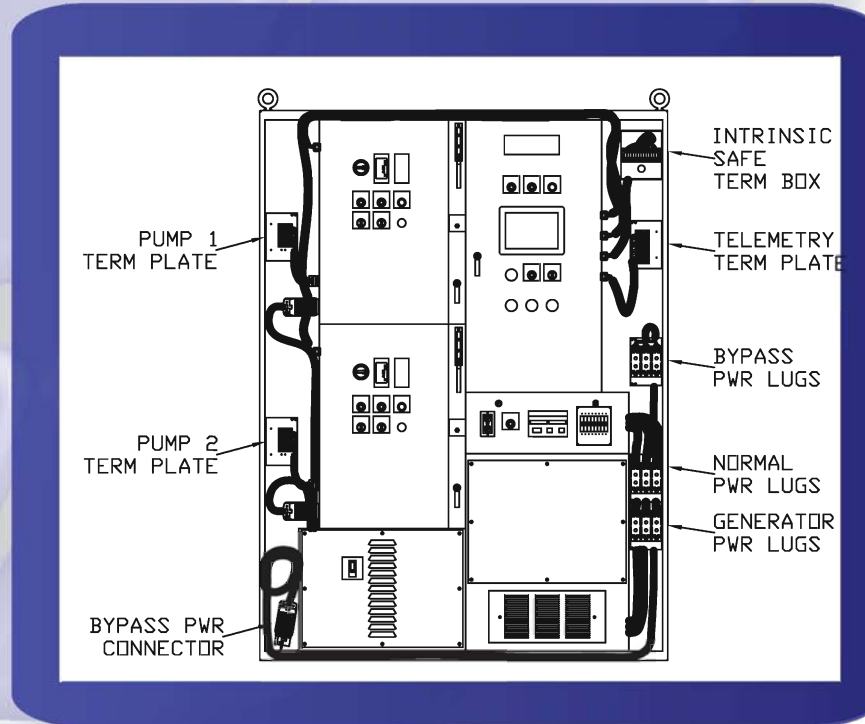
ArcSafe® PCC
Pump Control Center



Arc Safe®

Pump Control Center

The ArcSafe® PCC is a complete pre-engineered pump control center. The unique design eliminates all need to work on live equipment with encumbering arc flash protection. Federal safety regulations do not allow working on live equipment, this is problematic in critical pumping applications. With the ArcSafe® PCC you can de-energize any individual compartment while still maintaining pumping operation.



A number of safety features are unique to our control center design...

Compartmentalized design makes compliance with NFPA70E requirements simple.

All wiring in PCP section is 24 volt providing low hazard level.

All power is removed from starter compartments when door interlock handle is opened.

High risk components are mounted in separate compartments, accessible only by authorized service personnel.

The ArcSafe® PCC allows de-energized servicing with station "in auto".

Many standard options for your station including duplex or triplex and AFDs, Starters, or Soft Starters.



The overall dimensions of this panel are minimized so that it is well suited for many applications and limited space constraints.



Standard PCC Features

- ArcSafe® Bypass System
- GFCI Convenience outlet
- Fingersafe lugs for field connections
- Overall height fits beneath standard commercial doorways
- Rigid steel with white painted exterior
- Engraved nameplates for easy identification

Standard Control Features

- Compartmental design
- Lightning protection (TVSS)
- Transfer switch with status panel
- 120V branch breakers
- Motor circuit breakers with lockout provisions
- Motor starters with operators and indicators
- Pump overtemp and seal monitoring
- Touchscreen Controller Interface
- PLC Primary & Back up Controls
- Intrinsic safety barriers
- Terminal connections