

SIMPLE WELL AUTOMATION TOOL (SWAT)

The Apex Advanced SWAT Unit is a drive designed as an economical solution that provides basic intelligent control to your production well. The simple design of the unit allows ease installation, setup and operation. These units are suitable for any Progressing Cavity Pumping (PCP) and Sucker Rod Pumping (SRP) applications.

SWAT UNIT FEATURES

- Simple parameter input configuration for oil and dewatering gas wells applications.
- Precise encoder-less speed control for the rod string in Progressing Cavity Pumping Applications.
- Over torque protection
 - Prevents the drive from over loading the rod string from a desire set point.
- Single speed stroke set point for Sucker Rod Pumping Application.

SPECIFICATIONS:

- NEMA 3R outdoor enclosure.
- Variable Frequency Drive rated for the load.
- Fused Disconnect Switch with door mounted handle.
- Lightning arrestor.
- 110 VAC, 60Hz Control power transformer c/w fuses.
- Control keypad access window, rated IP22.
- Door mounted keypad/display inside control keypad access window.
- Temperature controlled enclosure for extreme weather conditions. Includes fans exhaust with rain hoods, internal space heaters and thermostat.
- Potentiometer for easy speed set point.
- Cable terminals for power input, motor output and control signals.
- PCP or SRP automation control software.



MODEL NUMBER	RATED INPUT VOLTAGE	RATED POWER	RATED LOAD	MAXIMUM OVERLOAD
VFD460010XXP	460 VAC, 60Hz	10HP / 7.5 kW	23 Amps	32 Amps
VFD460015XXP	460 VAC, 60Hz	15HP / 11 kW	31 Amps	46 Amps
VFD460020XXP	460 VAC, 60Hz	20HP / 15 kW	38 Amps	62 Amps
VFD460025XXP	460 VAC, 60Hz	25HP / 18.5 kW	46 Amps	76 Amps
VFD460030XXP	460 VAC, 60Hz	30HP / 22 kW	61 Amps	92 Amps
VFD460040XXP	460 VAC, 60Hz	40HP / 30 kW	72 Amps	122 Amps
VFD460050XXP	460 VAC, 60Hz	50HP / 37 kW	87 Amps	144 Amps
VFD460060XXP	460 VAC, 60Hz	60HP / 44.5 kW	105 Amps	174 Amps
VFD460075XXP	460 VAC, 60Hz	75HP / 56 kW	140 Amps	210 Amps
VFD460100XXP	460 VAC, 60Hz	100HP / 74.5 kW	170 Amps	280 Amps

LET THE APEX ADVANCED SWAT UNIT HELP YOU TAKE CONTROL OF YOUR WELL.