



Variable Frequency Drive

Screw pump VFD panels for operation on 380 volt 50 Hz system.

Each control panel has the following features/equipment :

Enclosures are NEMA 3R type with rain drip shields, and protected venting for the heat sinks. The VFD is mounted in a through panel configuration to bring the heat sinks out the rear of the panel. The heat sinks are then protected by a weather proof cover, with a winter/ summer flap which can be opened or closed depending on the season. The VFD is a Control Techniques SK & has easy to program keypad mounted on the drive unit.

A line reactor is include to help protect the VFD for line surges and to reduce harmonic distortion. An input disconnect breaker with through door interlock is installed, along with a thermostatically controlled heater for cold weather operation, 110 volt control power transformer and control circuit breakers, restart timer, customer terminals for optional interlocks, operator control on door are heavy duty 30 mm type with tamper proof lockable cover. Units are completely assembled, tested and CSA inspected prior to shipping.

Available in the Following Standard Sizes :

(Additional sizes may be available upon request)

7.5 KW (10 HP), 11 KW (15 HP), 15 KW (20 HP), 18.5 KW (25 HP), 22 KW (30 HP), 30 KW (40 HP), 37 KW (50 HP)

Below are some sample photos of these types of VFD assemblies.

(Additional information of specifications can be provided upon request)

