



MSP & MTP VFD PACKAGES



A Variable Frequency Drive (VFD) is a type of controller that varies the frequency and voltage supplied to an electric motor. Elite Industrial Mfg. (EIM) offers a turnkey, outdoor rated, custom VFD system, that is designed specifically for pump and fan applications. Our “MSP” systems are designed for single phase input and three phase output, and our “MTP” systems are designed for three phase input and three phase output. Below we have added a few reasons why VFD’s are beneficial in today’s markets.

MSP & MTP FEATURES:

- o NEMA 3R FAN COOLED ENCLOSURE, WITH GASKETED DOOR, AND REPLACEABLE FILTERS.
- o MITSUBISHI F800 SERIES LATEST TECHNOLOGY VFD
- o MAIN CIRCUIT BREAKER WITH THROUGH THE DOOR HANDLE (SQUARE D)
- o 120VAC CONTROL TRANSFORMER
- o STANDARD 3% IMPEDENCE INPUT LINE REACTOR
- o STANDARD 3% IMPEDENCE OUTPUT LOAD REACTOR
- o HOA SELECTOR SWITCH
- o DOOR MOUNTED KEYPAD
- o SURGE ARRESTOR
- o AUTO CONTROL CIRCUIT
- o TRANSDUCER INPUT BLOCKS
- o MOUNTING FEET
- o PRE-PROGRAMMED



BENEFITS

- o PROVIDES A SOFT START TO THE LOAD MOTOR, REDUCING UTILITY COSTS.
- o SPEED AND PRESSURE REGULATION MANUALLY OR
- o PRESSURE TRANSDUCER.
- o LESS WEAR AND TEAR ON MOTOR WINDINGS AND BEARINGS
- o MAJOR COST SAVINGS ANNUALLY.
- o VERY LOW MAINTENANCE COST