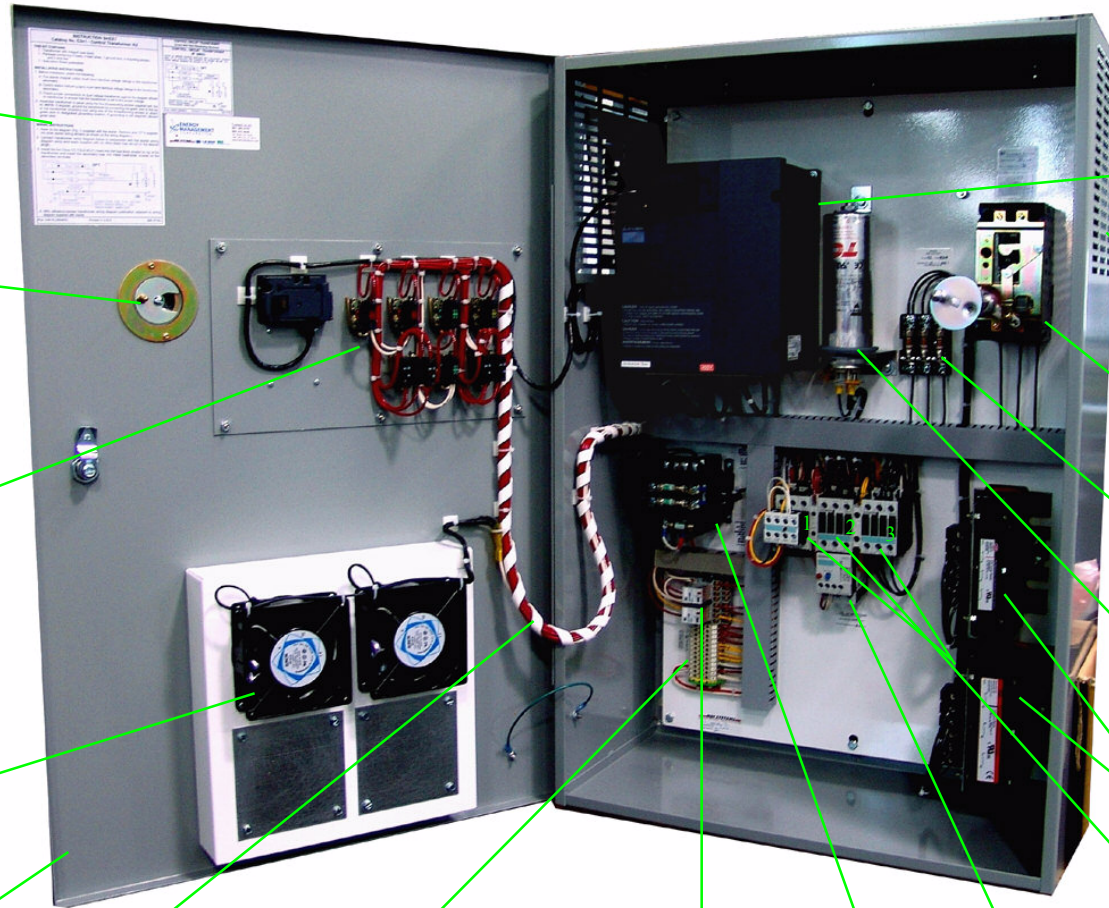


# The Dissected VFD



**Literature**  
Highlights specifications and layout to help answer questions and troubleshoot

**Through-The-Door Disconnect Handle**  
Door interlocked input circuit breaker disconnect

**Operator Device Panel With Advanced Keypad & Heavy-Duty 22mm 100,000 hr Pilot Lights**  
The keypad is remote mounted and the operator lights make for easy VFD control

**Standard NEMA 1 Force Filtered Intake Ventilation Plenum**  
Designed for up to 4 4" cooling fans or 1 10" cooling fan

**Standard Enclosure FF1** (force ventelated & filtered Nema 1) enclosure. ANSI 61 Grey w/ standard white back paneling.

**UL 508A Tested & Certified**

**Wire Marking**  
Hot embossed wire markings with our Hz2.1 Hot Stamp Wire Marker makes for easy-to-read markings.

**PLC & Custom System Control Packages**

**Terminal Blocks**  
customer terminal blocks for ease of wiring

**NEMA 3R & Various Other Enclosure & Configuration Options**

**Control Relays**  
2 units are standard per panel

**Many Service & Prevenative Maintenance Options Available**

**Control Transformer**  
with primary & secondary fusing built-in with typical size = 120V

**Optional Integrated TVSS**  
With a 10 or 20 year warranty

**Motor Thermal Overload Protection**  
for when your motor is in bypass setting

**Mitsubishi Variable Frequency Drive (VFD)**  
We offer a large stock of Mitsubishi's entire drive line and Hitachi's entire drive line.

**Exhaust Louvers**  
Oversized for extra cooling

**Input Circuit Breaker**

**Fusing**  
for Pure Power II™ Harmonic Filter

**Capacitor**  
belonging to the Pure Power II™ Harmonic Filter

**Integrated Pure Power II™ Harmonic Filters**

**Three Contactor Assembly**  
1) VFD  
2) Bypass (optional)  
3) Isolation (optional)