

# AC Variable Frequency Drives

The EZ VFD® from Dart Controls eliminates the need for complicated and expensive AC drive commissioning, and offers unique features found only in larger, more expensive products.



VF-100E-R

The EZ VFD® from Dart Controls is what the name implies - a V/Hz variable frequency drive that is easy to install and use. The Universal Voltage Supply input will accept any voltage from 110-250VAC (single phase) and produce 3-phase 230VAC. The EZ VFD® comes in both open chassis and standard NEMA 4X enclosed models. Both include a run-relay output to verify operation. On-board monitoring and diagnostics of both load current and peak current, as well as internal component temperatures protect the drive and motor from unforeseen damage.

All models include static braking and reversing inputs, as well as voltage signal follower (0-5VDC) capability with isolated signals. And finally, this control will pay for itself with energy bill savings with its standard Power Factor Correction feature in all models. 100% built in the USA and built to last, the EZ VFD® from Dart Controls fits the bill when a simple, reliable variable frequency drive is what you are looking for.



VF-100C-R

# AC Variable Frequency Drives Features + Specifications

- Universal Voltage Supply (110-250VAC) 50-70Hz
- Open Chassis and NEMA 4X Enclosed
- Volts/Hz Control
- 8 kHz Switching Freq
- 5-120Hz Output
- Vibration Resistant Single Board Design
- PFC (Power Factor Correction) Saves \$\$
- Power and Error LED
- Multi-Level Current Limit (MCL)<sup>TM</sup>
- Over-Temp/Current Limit Auto Shutdown
- Easy Installation and Setup
- Trimpot Adjustment for:
  - MIN Speed
  - MAX Speed
  - Current Limit
  - Acceleration
  - Deceleration
  - Boost (Startup)
  - Brake (DC Inject)
- Removable Trimpot Board - Setup Identical Drives / Prevent Tampering
- Run Relay Output

Base Model				
Model	Description / Option	Supply	Output	HP / (Max Phase Amp)
VF-100C-R	Open Chassis EZ VFD ®	110-240VAC	230VAC 3 Phase	1/2HP (2.4A) @ 120VAC 1HP (3.2A) @ 230VAC
VF-100E-R	NEMA 4X Enclosed EZ VFD ®	110-240VAC	230VAC 3 Phase	1/2HP (2.4A) @ 120VAC 1HP (3.2A) @ 230VAC
Options				
-29	Cover mounted reversing switch	Factory Installed only		