

BUYER'S GUIDE

POWER MASTER VFD



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Power Master VFD

This is no ordinary naked VFD, we've put a lot of features inside the Power MASTER hardware, and we've spent a lot of time preparing Power MASTER software to make installation, setup, and operation as simple as possible for our users.

Ecogate Setup Assistant guarantees trouble free VFD startup within one minute.

The Power Master regulates speeds of 10 - 450 HP fans; available for 3-phase 230, 460, and 575V AC.

Features

- Operating modes: Automatic (controlled by greenBOX), Manual, and Stop.
- Automatic Start and Stop of your dust collector
- Built-in Fan & Filter pressure transmitters
- Protection of the duct system against collapse
- Built-in 3-phase input disconnect & fuses
- Simple one-cable connection to greenBOX
- All VFD information transferred to greenBOX via Modbus
- Backup power supply for VFD processor connected from greenBOX
- All warning & errors collected via greenBOX to Ecogate cloud server
- Monitoring life of critical VFD parts (capacitors, air cooling fans)
- Four Enable inputs allow connection of the customer safeties: for example, spark detection, fire alarm system etc.
- The Power MASTER enclosure is UL Listed out of the factory; enclosure is NEMA 12
- Step-by-step installation and setup guide



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