

# Engineered Products

## Soft Starters

for Applications such as Pumps, Conveyors, and Crushers

## Harmonic Mitigation

Reactors, Matrix Filters, 18 Pulse and Custom Solutions

## Multi-Motor Packages

Simplex, Duplex and Complex Process Lines

## Packages designed to Customer Requirements

Plan & Specifications, Custom Build, Clean to Severe Environments, and Light to Heavy Duty Applications.



**Call 800-279-4007 for applications assistance and custom quotations.**

# TECO-Westinghouse Motor Company

TECO-Westinghouse Motor Company is a world leader in manufacturing electric motors and generators, with a broad selection ranging from ¼ HP to 100,000 HP.

We are a leader in supplying motor controls, providing engineering services, large motor repair, and supplying genuine Westinghouse renewal parts.

Our company's products are used to drive pumps, fans, compressors, rolling mills, grinders, crushers, and a variety of other rugged applications.

Headquartered in Round Rock, Texas, TECO-Westinghouse Motor Company serves the petrochemical, electric utility, pulp and paper, water/wastewater treatment, air conditioning, marine, mining and metals industries.

## TECO-Westinghouse Motor Company

5100 North IH-35  
Round Rock, TX 78681

Toll-Free: 800-451-8798  
Telephone: 512-255-4141  
Fax: 512-244-5512

## Drives, Controls, and Service

Telephone: 800-279-4007  
E-mail: sales@tecowestinghouse.com

## Motor Sales

Telephone: 800-451-8798  
E-mail: sales@tecowestinghouse.com



**TECO-Westinghouse provides a wide range of Variable Speed AC Drives and Controls to match a wide range of applications.**



**[www.tecowestinghouse.com](http://www.tecowestinghouse.com)**

D-SG 07-06

# DRIVE SELECTION GUIDE



**TECO**  **Westinghouse**





# EV

## NEW MICRO DRIVE

### VOLTAGE RANGE



### FEATURES

- 115V, 50/60Hz, 1-Phase from 1/4 - 1HP
- 230V, 50/60Hz, 1-Phase from 1/4 - 3HP
- 230V, 50/60Hz, 3-Phase from 1/2 - 3HP
- 460V, 50/60Hz, 3-Phase from 1 - 3HP
- PID Control
- 24VDC, 50mA Power Supply
  - Available for External Sensor
- 8 Preset Speeds
- Frequency Range 0-200Hz
- Multi-function Analog Input
- Multi-function Analog/Digital Outputs
- Options include:
  - RS485
  - RS232
  - Remote Keypad
  - PDA Interface
  - Copy Unit
  - Din Rail Mount
  - Built-in Filter for EMI Compliance
- UL, cUL, and CE Approved

### APPLICATIONS

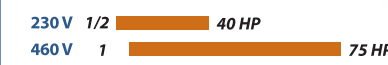
- Mixers
- Fans
- Food & Beverage
- Conveyors
- Pumps

The EV Micro Drive is ideal where low cost, high quality and easy to use product is required.

# N3

## NEW COMPACT DRIVE

### VOLTAGE RANGE



### FEATURES

- Sensorless Vector AC Drive
- 230V, 50/60Hz, 1-Phase from 1/2 - 3HP
- 230V, 50/60Hz, 3-Phase from 1/2 - 40HP
- 460V, 50/60Hz, 3-Phase from 1 - 75HP
- PID Control with Sleep Mode
- Choice of Digital Operators -
  - Standard LED Display with Potentiometer
  - English Language LCD Display
- Supporting 5 Languages
- Modbus RTU via RS232 Port -
  - N3 Link Software
  - Program with Handheld Pocket PC
  - Program with EEPROM Copy Unit
  - RS485 Interface Option
- Multi-function Digital and Analog Inputs/ Outputs
- UL, cUL, and CE Approved

### APPLICATIONS

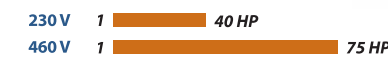
- HVAC
- Mixing
- Extrusion
- Wood/Lumber
- Compressors
- Conveyors

The N3 Compact drive is well suited for most industrial and commercial applications where simplicity and reliability are the prime concern.

# MA7200

## GENERAL PURPOSE DRIVE

### VOLTAGE RANGE



### FEATURES

- General Purpose AC Drive
- Sensorless Vector, V/Hz and PG Feedback Control
- NEMA 1 Enclosure:
  - 230V, 50/60Hz, 3-Phase from 1 - 40HP
  - 460V, 50/60Hz, 3-Phase from 1 - 75HP
- NEMA 4/12 Enclosure:
  - 230V, 50/60Hz, 3-Phase from 1 - 20HP
  - 460V, 50/60Hz, 3-Phase from 1 - 20HP
- English LCD Display/ Copy Unit
- Modbus Communication (Built-in)
- Profibus Communication (Optional)
- PG Feedback (Built-in)
- PID Control
- Simple PLC Function
- Timer Function
- Energy Savings Function
- MA Link Software
- UL, cUL, and CE Approved

### APPLICATIONS

- HVAC
- Mixing
- Extrusion
- Wood/Lumber
- Compressors
- Conveyors

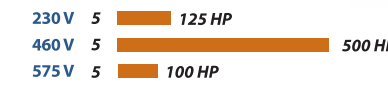
The MA is our most versatile drive. It is capable of controlling virtually every application using its adaptive software.

# PA7300

Now available in 575V!

## FAN & PUMP DRIVE

### VOLTAGE RANGE



### FEATURES

- Designed for Variable Torque Applications
- 208V, 50/60Hz, 3-Phase from 5 - 100HP
- 230V, 50/60Hz, 3-Phase from 5 - 125HP
- 460V, 50/60Hz, 3-Phase from 5 - 500HP
- 575V, 50/60Hz, 3-Phase from 5 - 100HP
- PID & Auto Energy Savings Functions
- PID Sleep Mode Function
- 2 Line English Language LCD Keypad / Copy Unit
- Communication Options Metasys N2, Lon Works, Profibus, Others
- PA Link Software
- Energy Savings Software
- UL, cUL, and CE Approved

### APPLICATIONS

- Fans
- Refrigeration
- Chillers
- Pumps
- Waste Water

The PA is designed specifically for the HVAC market. Built-in HVAC/R software is designed with today's demanding requirements.

# 7200GS

## HEAVY DUTY DRIVE

### VOLTAGE RANGE



### FEATURES

- Designed for Constant Torque Applications
- 230V, 50/60Hz, 3-Phase from 25 - 100HP
- 460V, 50/60Hz, 3-Phase from 25 - 450HP
- Sensorless Vector, V/Hz and PG Feedback Control
- 2 Line English Language LCD Keypad
- UL, cUL, and CE Approved

### APPLICATIONS

- Waste Water
- Extruders
- Wood/Lumber
- Agitators
- Material Handling
- Mixing
- HVAC
- Slurry Pumps
- Aggregates

Designed to handle most applications with ease, the GS is our rugged, reliable, and heavy duty drive.

Available in NEMA 4/12 enclosure!

# HVAC

## HVAC PACKAGES



### VOLTAGE RANGE



### FEATURES

- Designs using N3, MA7200, PA7300, and 7200GS Drives
- UL508A
- Available in Multiple Disconnect Options
- 2 or 3 Contactor and Soft Start Bypass
- Custom Design Packages
- Wide Range of Harmonic Filters available to meet IEEE 519-1992
- Duplex - Multiplex Packages available
- NEMA 1, NEMA 12, NEMA 3R, NEMA 4, NEMA 4X Packages

### APPLICATIONS

- Fans
- Pumps
- Refrigeration
- Waste Water
- Chillers
- Air Handlers
- Compressors

TECO-Westinghouse offers a complete line of packaged drives, including bypass packages for fan and pump applications.