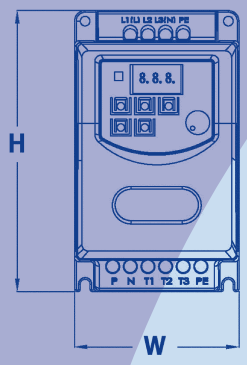
EV TECO AC Drive

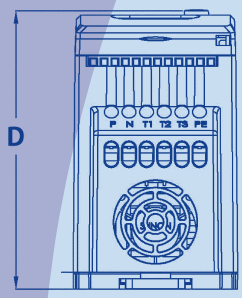
- Sensorless Vector AC Drive
- PID Control
- Simple, Full-Featured Operator with Speed Potentiometer
- 8 Preset Speeds
- Options Include: RS485, Copy Unit & Remote Keypad
- .25 to 1 HP, 115V, 50/60 Hz, 1-Phase
- .25 to 3 HP, 230V, 50/60 Hz, 1-Phase
- .5 to 3 HP, 230V, 50/60 Hz, 3-Phase
- 1 to 3 HP, 460V, 50/60 Hz, 3-Phase
- UL, cUL, and CE Approved



TECO Westinghouse

DIMENSIONS AND WEIGHTS





115V 1-Phase Input / 3-Phase Output

MODEL NO.	HP CT	DRIVE AMPS CT	DIMENSIONS (Inches)			APPROX. WT. (lbs.)
			HEIGHT	WIDTH	DEPTH	
JNEV-1P2-H1	.25	1.7	5.20	3.03	5.13	1
JNEV-1P5-H1	.50	3.1	5.20	3.03	5.13	2
JNEV-101-H1	1	4.2	5.20	3.03	5.13	2

230V 1-Phase Input / 3-Phase Output

MODEL NO.	HP CT	DRIVE AMPS CT	DIMENSIONS (Inches)			APPROX. WT. (lbs.)
			HEIGHT	WIDTH	DEPTH	
JNEV-2P2-H1	.25	1.7	5.20	3.03	5.13	1
JNEV-2P5-H1	.50	3.1	5.20	3.03	5.13	1
JNEV-201-H1	1	4.2	5.20	3.03	5.13	1
JNEV-202-H1	2	7.5	5.20	4.65	5.83	2
JNEV-203-H1	3	10.5	5.20	4.65	5.83	2

230V 3-Phase Input / 3-Phase Output

MODEL NO.	HP CT	DRIVE AMPS CT	DIMENSIONS (Inches)			APPROX. WT. (lbs.)
			HEIGHT	WIDTH	DEPTH	
JNEV-2P5-H3	.50	3.1	5.20	3.03	5.13	1
JNEV-201-H3	1	4.2	5.20	3.03	5.13	1
JNEV-202-H3	2	7.5	5.20	4.65	5.83	2
JNEV-203-H3	3	10.5	5.20	4.65	5.83	2

460V 3-Phase Input / 3-Phase Output

MODEL NO.	HP CT	DRIVE AMPS CT	DIMENSIONS (Inches)			APPROX. WT. (lbs.)
			HEIGHT	WIDTH	DEPTH	
JNEV-401-H3	1	2.3	5.20	4.65	5.83	3
JNEV-402-H3	2	3.8	5.20	4.65	5.83	3
JNEV-403-H3	3	5.2	5.20	4.65	5.83	3

NOTE: Suffix H1 = 1-Phase
H3 = 3-Phase

SPECIFICATIONS

Control Mode	Sensorless Vector and V/Hz
Input Voltage Rating	115V 1-Phase, 230V 1-Phase and 3-Phase; 460V 3-Phase
Input Voltage Tolerance	+10%, -15%
Frequency Control Range	0 to 200 Hz
Speed Control Accuracy	+/- 0.5% (Sensorless Vector Mode)
Speed Commands	0 to 10VDC, 0 to 20mA
Overload Capacity	150% Current of Drive Rating for 1 Minute
Braking	DC Injection Braking
Protective Functions	Overload, Overvoltage, Overheating, Overcurrent
Programmable I/O	7 Digital Inputs (NPN or PNP), 2 Relay Outputs
Ambient Temperature	-10˚C to +50˚C, (14˚F to 122˚F)
Enclosure	IP20 Protective Chassis

TECO Westinghouse

5100 N. IH-35
Round Rock, Texas 78681
1-800-279-4007
www.tecowestinghouse.com