

# SUPPLEMENTAL INSTRUCTIONS

## 50 HZ ELECTRICAL DATA

Model	Rated Volts and Phases	Operating Voltage Range	No. Field Power Circuits	① Minimum Circuit Ampacity	② Maximum External Fuse or Ckt. Brkr.	③ Field Power Wire Size	③ Ground Wire Size
W24AB-D0Z D05 D08	240/220-1 240/220-1 240/220-1	198 - 254	1 1 1	15 28 44	20 30 45	12 10 8	12 10 10
W24A/LB-F0Z F05	415/380-3	342 - 456	1 1	10 11	15 15	14 14	14 14
W30AB-D0Z D05 D10	240/220-1	198 - 254	1 1 1	15 28 54	20 30 60	12 10 6	12 10 10
W30AB-F0Z F07 F12	415/380-3	342 - 456	1 1 1	10 16 26	15 20 30	14 12 10	14 12 10
W36AB-D0Z D05 D10	240/220-1	198 - 254	1 1 1	17 28 54	25 30 60	8 8 6	10 10 10
W36AB-E0Z E06 E12	240/220-3	198 - 254	1 1 1	17 21 39	25 25 40	10 10 8	10 10 10
W36A/LB-F0Z F07 F12	415/380-3	342 - 456	1 1 1	10 14 22	15 15 25	14 12 10	14 12 10
W42AC-E0Z E09 E15	240/220-3	198 - 254	1 1 1	21 30 48	30 30 50	10 8 8	10 10 10
W42A/LC-F0Z F07 * F14	415/380-3	342 - 456	1 1 1	12 16 29	15 20 30	14 12 10	14 12 10
W48AC-E0Z E09 E15	240/220-3	198 - 254	1 1 1	23 31 50	35 35 50	8 8 8	10 10 10
W48A/LC-F0Z F07 * F14	415/380-3	342 - 456	1 1 1	12 17 31	15 20 35	14 12 8	14 12 10
W60AC-E0Z E09 E15	240/220-3	198 - 254	1 1 1	25 32 50	35 35 50	8 8 8	10 10 10
W60A/LC-F00 F07 * F14	415/380-3	342 - 456	1 1 1	15 18 31	15 20 35	12 12 8	12 12 10
W72A/LC-F00 F07 F14	400/380-3	342 - 440	1 1 1	21 21 32	25 25 35	10 10 8	10 10 10

① These "Minimum Circuit Ampacity" values are to be used for sizing the field power conductors. Refer to the National Electric Code (latest version), Article 310 for power conductor sizing.

② Maximum size of the time delay fuse or "D" type circuit breaker for protection of field wiring conductors.

③ Based on 75°C copper wire. All wiring must conform to all local and national electrical codes.

\* F14 only offered on W\*\*A units.

**CAUTION:** When more than one field power circuit is run through one conduit, the conductors must be derated. Pay special attention to Note 8 of Table 310 regarding Ampacity Adjustment Factors when more than three conductors are in a raceway.

**IMPORTANT:** While this electrical data is presented as a guide, it is important to electrically connect properly sized fuses and conductor wires in accordance with all existing local codes.



Bard Manufacturing Company, Inc.  
Bryan, Ohio 43506  
www.bardhvac.com

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### **OUTDOOR FAN MOTOR – 50 HZ**

Models W42AC-E, W42AC-F, W48AC-E, W48AC-F, W60AC-E and W60AC-F have a condenser fan motor with a red and black speed tap. These units are shipped from the factory with the red lead connected. At no time is the black lead to be connected for 50HZ application.

### **WIRING – MAIN POWER**

The disconnect means must have contact separation of 3 mm or greater in all poles.