## **INSTALLATION INSTRUCTIONS**

### **Electric Heat Packages**

### Models:

EHW3SC-A05	EHWA60C-B15	EHWA60C-B18	EHWA42CD-A10
EHW3SC-A10	EHWA48C-B18	EHWA42C-C09	EHWA72CD-A15
EHW3SC-A15	EHWA42C-C05	EHWA42C-C15	EHWA42CD-B09
EHW3SC-A20	EHWA60C-C09	EHWA42C-F07	EHWA60CD-B15
EHW3SC-B06	EHWA60C-C15	EHWA42C-F12	EHWA48CD-B18
EHW3SC-B09	EHWA42C-E09	EHWA48C-A05	EHWA42CD-C09
EHW3SC-B15	EHWA42C-E15	EHWA42C-A10	EHWA60CD-A05
EHW3SC-C06	EHWA60C-F07	EHWA60C-A15	EHWA72CD-B09
EHW3SC-C09	EHWA60C-F12	EHWA42C-B06	EHWA60CD-A10
EHW3SC-C15	EHWA72C-A05	EHWA42C-B09	EHWA42CD-A15
EHWA42C-A05	EHWA72C-A10	EHWA42C-B15	EHWA42CD-B18
EHWA60C-A10	EHWA42C-A15	EHWA42C-B18	EHWA48CD-A05
EHWA72C-A15	EHWA42C-A20	EHWA48C-C09	EHWA48CD-A10
EHWA60C-A20	EHWA72C-B06	EHWA72C-C15	EHWA48CD-B09
EHWA42C-B05	EHWA72C-B09	EHWA72CD-A05	EHWA42CD-A05
EHWA60C-B06	EHWA48C-B15	EHWA72CD-B06	EHWA60CD-B09
EHWA60C-B09			

For Use with W\*\*AC Series Wall-Mounted Air Conditioners



Bard Manufacturing Company, Inc. Bryan, Ohio 43506 www.bardhvac.com Manual: 2100-731B Supersedes: 2100-731A Date: 9-24-20

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#### **Description of Equipment**

The EHWA series electric heater packages are field-installable heater packages suitable for use with Bard wall mount air conditioners. The packages consist of the electric heat strip, the heater control base (which includes the heat contactors and circuit breaker or toggle or rotary disconnects), installation instructions and wiring diagrams. See Table 1 on page 4 for nominal electrical data and BTU output. Before installation, check unit serial plate to ensure the heater package model to be installed is listed as a heater package that is suitable for use with the Bard wall mount (see Figure 6 on page 14).

#### **Important**

The equipment covered in this manual is to be installed by trained, experienced service and installation technicians.

#### **Shipping Damage**

Upon receipt of equipment, the carton should be checked for external signs of shipping damage. If damage is found, the receiving party must contact the last carrier immediately, preferably in writing, requesting inspection by the carrier's agent.

#### **Unpacking Electric Heat Package**

Remove the heat package from the shipping carton. The heat package must consist of the following:

- 1. Basic heater.
- 2. Electric heat control base and wiring.
- 3. Installation instructions.
- 4. Two wiring diagrams, one to be applied to unit.
- 5. Adhesive label to re-mark serial plate to indicate new model number. This is attached to the front of these instructions.

#### **Recommended Installation Tools**

- Personal protection equipment, including gloves and safety glasses
- 5/16" nut driver
- Phillips head screwdriver
- Straight head screwdriver
- Needle nose pliers
- Multimeter

TABLE 1 Electrical Data and BTU Output

EHW3SC-A05         240/208         1         5/3.75         17,065/12,800           EHW3SC-A10         240/208         1         10/7.5         34,130/25,600           EHW3SC-A15         240/208         1         15/11.25         51,200/38,400           EHW3SC-B06         240/208         3         6/4.5         20,475/15,356           EHW3SC-B09         240/208         3         96.75         30,600/23,030           EHW3SC-C06         480         3         6         20,500           EHW3SC-C09         480         3         9         30,700           EHW3SC-C15         480         3         15         47,000           EHW3SC-C15         480         3         15         47,000           EHW3CC-A05         240/208         1         107.5         34,130/25,600           EHW3CC-A10         240/208         1         15/11.25         51,200/38,400           EHW3CC-A15         240/208         1         15/11.25         51,200/38,400           EHWA7C-A10         240/208         1         15/11.25         51,200/38,400           EHWA72C-A15         240/208         1         16/1.25         51,200/38,400           EHWA72C-A10         240/2	Heater Package Model	Volts	Phase	Nominal KW	Nominal BTU
EHW3SC-A15 240/208 1 15/11.25 51,200/38,400 EHW3SC-B06 240/208 3 6/4.5 20,475/15,356 EHW3SC-B09 240/208 3 9/6.75 30,600/23,030 EHW3SC-C06 480 3 15/11.25 51,200/38,400 EHW3SC-C06 480 3 6 20,500 EHW3SC-C09 480 3 9 30,700 EHW3SC-C15 480 3 15 47,000 EHW3C-C15 480 3 15 47,000 EHWA60C-A10 240/208 1 10/7.5 34,130/25,600 EHWA72C-A15 240/208 1 15/11.25 51,200/38,400 EHWA72C-A05 240/208 1 5/3.75 17,065/12,800 EHWA72C-A15 240/208 1 10/7.5 34,130/25,600 EHWA72C-A15 240/208 1 10/7.5 34,130/25,600 EHWA72C-A15 240/208 1 15/11.25 51,200/38,400 EHWAC-A05 240/208 1 10/7.5 34,130/25,600 EHWA72C-A15 240/208 1 10/7.5 34,130/25,600 EHWA72C-A15 240/208 1 5/3.75 17,065/12,800 EHWA2C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A10 240/208 1 15/11.25 51,200/38,400 EHWA42C-A10 240/208 1 5/3.75 17,065/12,800 EHWA42C-A10 240/208 1 5/3.75 17,065/12,800 EHWA60CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA60CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA60CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/3.75 17,065/12,800 EHWA42CD-A15 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A15 240/208 3 5/3.75 17,065/12,800 EHWA42CD-A16 240/208 3 5/3.75 17,065/12,800 EHWA42C-B05 240/208 3 6/4.5 20,475/15,356 EHWA42C-B06 240/208 3 6/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/1.25 51,200/38,400 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16	EHW3SC-A05	240/208	1	5/3.75	17,065/12,800
EHW3SC-A20         240/208         1         20/15         68,260/51,200           EHW3SC-B06         240/208         3         6/4.5         20,475/15,356           EHW3SC-B09         240/208         3         9/6.75         30,600/23,030           EHW3SC-C06         480         3         15/11.25         51,200/38,400           EHW3SC-C09         480         3         9         30,700           EHW3SC-C15         480         3         15         47,000           EHW360C-A10         240/208         1         10/7.5         34,130/25,600           EHWA60C-A10         240/208         1         15/11.25         51,200/38,400           EHWA72C-A15         240/208         1         15/3.75         17,065/12,800           EHWA72C-A15         240/208         1         15/3.75         17,065/12,800           EHWA72C-A15         240/208         1         10/7.5         34,130/25,600           EHWA72C-A10         240/208         1         10/7.5         34,130/25,600           EHWA42C-A10         240/208         1         15/11.25         51,200/38,400           EHWA42C-A10         240/208         1         15/11.25         51,200/38,400 <t< td=""><td>EHW3SC-A10</td><td>240/208</td><td>1</td><td>10/7.5</td><td>34,130/25,600</td></t<>	EHW3SC-A10	240/208	1	10/7.5	34,130/25,600
EHW3SC-B06         240/208         3         6/4.5         20,475/15,356           EHW3SC-B09         240/208         3         9/6.75         30,600/23,030           EHW3SC-B15         240/208         3         15/11.25         51,200/38,400           EHW3SC-C06         480         3         6         20,500           EHW3SC-C15         480         3         15         47,000           EHW3SC-C15         480         3         15         47,000           EHWA60C-A05         240/208         1         10/7.5         34,130/25,600           EHWA72C-A15         240/208         1         10/7.5         34,130/25,600           EHWA72C-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-A20         240/208         1         10/7.5         34,130/25,600           EHWA72C-A10         240/208         1         10/7.5         34,130/25,600           EHWA72C-A10         240/208         1         10/7.5         34,130/25,600           EHWA42C-A10         240/208         1         15/1.25         51,200/38,400           EHWA42C-A10         240/208         1         10/7.5         34,130/25,600           EHWA60C-A15 </td <td>EHW3SC-A15</td> <td>240/208</td> <td>1</td> <td>15/11.25</td> <td>51,200/38,400</td>	EHW3SC-A15	240/208	1	15/11.25	51,200/38,400
EHW3SC-B09         240/208         3         9/6.75         30,600/23,030           EHW3SC-B15         240/208         3         15/11.25         51,200/38,400           EHW3SC-C06         480         3         6         20,500           EHW3SC-C15         480         3         15         47,000           EHW3SC-C15         480         3         15         47,000           EHWA60C-A10         240/208         1         10/7.5         34,130/25,600           EHWA60C-A10         240/208         1         15/11.25         51,200/38,400           EHWA72C-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-A20         240/208         1         10/7.5         34,130/25,600           EHWA72C-A15         240/208         1         10/7.5         34,130/25,600           EHWA72C-A10         240/208         1         10/7.5         34,130/25,600           EHWA42C-A10         240/208         1         15/11.25         51,200/38,400           EHWA42C-A10         240/208         1         10/7.5         34,130/25,600           EHWA42C-A10         240/208         1         15/3.75         17,065/12,800           EHWA60C	EHW3SC-A20	240/208	1	20/15	68,260/51,200
EHW3SC-B15         240/208         3         15/11.25         51,200/38,400           EHW3SC-C06         480         3         9         30,700           EHW3SC-C15         480         3         15         47,000           EHW3SC-C15         480         3         15         47,000           EHWA42C-A05         240/208         1         10/7.5         34,130/25,600           EHWA60C-A10         240/208         1         15/11.25         51,200/38,400           EHWA72C-A15         240/208         1         20/15         68,260/51,200           EHWA72C-A05         240/208         1         15/1.25         51,200/38,400           EHWA72C-A10         240/208         1         10/7.5         34,130/25,600           EHWA2C-A10         240/208         1         15/1.25         51,200/38,400           EHWA42C-A10         240/208         1         15/1.25         51,200/38,400           EHWA42C-A15         240/208         1         15/1.25         51,200/38,400           EHWA42C-A10         240/208         1         10/7.5         34,130/25,600           EHWA42C-A10         240/208         1         15/1.25         51,200/38,400           EHWA60C-	EHW3SC-B06	240/208	3	6/4.5	20,475/15,356
EHW3SC-C06	EHW3SC-B09	240/208	3	9/6.75	30,600/23,030
EHW3SC-C09         480         3         9         30,700           EHW3SC-C15         480         3         15         47,000           EHWA42C-A05         240/208         1         5/3.75         17,065/12,800           EHWA60C-A10         240/208         1         10/7.5         34,130/25,600           EHWA72C-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-A20         240/208         1         20/15         68,260/51,200           EHWA72C-A05         240/208         1         10/7.5         34,130/25,600           EHWA42C-A10         240/208         1         15/11.25         51,200/38,400           EHWA42C-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-A15         240/208         1         15/3.75         17,065/12,800           EHWA42C-A10         240/208         1         10/7.5         34,130/25,600           EHWA60C-A15         240/208         1         15/11.25         51,200/38,400           EHWA60CD-A10         240/208         1         15/11.25         51,200/38,400           EHWA60CD-A10         240/208         1         15/3.75         17,065/12,800 <t< td=""><td>EHW3SC-B15</td><td>240/208</td><td>3</td><td>15/11.25</td><td>51,200/38,400</td></t<>	EHW3SC-B15	240/208	3	15/11.25	51,200/38,400
EHW3SC-C15         480         3         15         47,000           EHWA42C-A05         240/208         1         5/3.75         17,065/12,800           EHWA60C-A10         240/208         1         10/7.5         34,130/25,600           EHWA72C-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-A20         240/208         1         20/15         68,260/51,200           EHWA72C-A05         240/208         1         5/3.75         17,065/12,800           EHWA72C-A10         240/208         1         10/7.5         34,130/25,600           EHWA42C-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-A20         240/208         1         20/15         68,260/51,200           EHWA42C-A10         240/208         1         15/3.75         17,065/12,800           EHWA60C-A15         240/208         1         10/7.5         34,130/25,600           EHWA60C-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-A15         240/208         1         15/3.75         17,065/12,800           EHWA60C-A05         240/208         1         15/3.75         17,065/12,800     <	EHW3SC-C06	480	3	6	20,500
EHWA42C-AO5 240/208 1 10/7.5 34,130/25,600 EHWA72C-A15 240/208 1 15/11.25 51,200/38,400 EHWA72C-A15 240/208 1 20/15 68,260/51,200 EHWA72C-A10 240/208 1 10/7.5 34,130/25,600 EHWA72C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA42C-A10 240/208 1 15/11.25 51,200/38,400 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A10 240/208 1 15/11.25 51,200/38,400 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-B05 240/208 1 15/11.25 51,200/38,400 EHWA42C-B05 240/208 3 5/3.75 17,065/12,800 EHWA42C-B06 240/208 3 5/3.75 17,065/12,800 EHWA42C-B06 240/208 3 15/11.25 51,200/38,400 EHWA60C-B15 240/208 3 15/11.25 51,200/38,400 EHWA60C-B15 240/208 3 16/4.5 20,475/15,356 EHWA60C-B18 240/208 3 18/13.5 61,430/46,100 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA60C-B18 240/208 3 18/13.5 61,430/46,100 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 18/13.5 61,430/46,100 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356 EHWA72C-B06 240/208 3 16/4.5 20,4	EHW3SC-C09	480	3	9	30,700
EHWA60C-A10 240/208 1 15/11.25 51,200/38,400 EHWA72C-A15 240/208 1 20/15 68,260/51,200 EHWA72C-A05 240/208 1 5/3.75 17,065/12,800 EHWA72C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA42C-A10 240/208 1 5/3.75 17,065/12,800 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A10 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A05 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-B05 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 15/11.25 51,200/38,400 EHWA42C-B05 240/208 3 16/4.5 20,475/15,356 EHWA60C-B15 240/208 3 18/13.5 61,430/46,100 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA42C-B08 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356	EHW3SC-C15	480	3	15	47,000
EHWA72C-A15 240/208 1 20/15 68,260/51,200 EHWA60C-A20 240/208 1 20/15 68,260/51,200 EHWA72C-A05 240/208 1 5/3.75 17,065/12,800 EHWA72C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A15 240/208 1 20/15 68,260/51,200 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA42C-A20 240/208 1 5/3.75 17,065/12,800 EHWA42C-A10 240/208 1 5/3.75 17,065/12,800 EHWA60C-A15 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 5/3.75 17,065/12,800 EHWA42CD-B05 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B08 240/208 3 5/3.75 17,065/12,799 EHWA60C-B15 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA42C-B15 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356	EHWA42C-A05	240/208	1	5/3.75	17,065/12,800
EHWA60C-A20 240/208 1 5/3.75 17,065/12,800 EHWA72C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA42C-A20 240/208 1 5/3.75 17,065/12,800 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A10 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A10 240/208 1 15/11.25 51,200/38,400 EHWA42CB-B15 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B09 240/208 3 5/3.75 17,065/12,799 EHWA60C-B09 240/208 3 15/11.25 51,200/38,400 EHWA48C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356	EHWA60C-A10	240/208	1	10/7.5	34,130/25,600
EHWA72C-A05         240/208         1         5/3.75         17,065/12,800           EHWA72C-A10         240/208         1         10/7.5         34,130/25,600           EHWA42C-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-A20         240/208         1         20/15         68,260/51,200           EHWA48C-A05         240/208         1         5/3.75         17,065/12,800           EHWA60C-A10         240/208         1         15/11.25         51,200/38,400           EHWA60CD-A05         240/208         1         15/3.75         17,065/12,800           EHWA60CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA42CD-A15         240/208         1         15/3.75         17,065/12,800           EHWA48CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A05         240/208         1         10/7.5	EHWA72C-A15	240/208	1	15/11.25	51,200/38,400
EHWA72C-A10 240/208 1 10/7.5 34,130/25,600 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA42C-A20 240/208 1 5/3.75 17,065/12,800 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CB-B05 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B18 240/208 3 15/11.25 51,200/38,400 EHWA48C-B18 240/208 3 15/11.25 51,200/38,400 EHWA48C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 15/11.25 51,200/38,400 EHWA42C-B08 240/208 3 15/11.25 51,200/38,400 EHWA42C-B08 240/208 3 15/11.25 51,200/38,400 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356	EHWA60C-A20	240/208	1	20/15	68,260/51,200
EHWA42C-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-A20 240/208 1 20/15 68,260/51,200 EHWA48C-A05 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A10 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A05 240/208 1 15/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-B05 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B07 240/208 3 5/3.75 17,065/12,799 EHWA60C-B08 240/208 3 5/3.75 17,065/12,799 EHWA60C-B09 240/208 3 5/3.75 17,065/12,799 EHWA60C-B09 240/208 3 6/4.5 20,475/15,356 EHWA48C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B15 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 16/1.25 51,200/38,400 EHWA42C-B07 240/208 3 16/1.25 51,200/38,400 EHWA42C-B08 240/208 3 16/1.25 51,200/38,400 EHWA42C-B18 240/208 3 16/1.25 51,200/38,400 EHWA42C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356	EHWA72C-A05	240/208	1	5/3.75	17,065/12,800
EHWA42C-A20 240/208 1 5/3.75 17,065/12,800 EHWA48C-A10 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A05 240/208 1 10/7.5 34,130/25,600 EHWA60CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA60CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA48CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA48CD-A10 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-B05 240/208 1 15/11.25 51,200/38,400 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B09 240/208 3 6/4.5 20,475/15,356 EHWA60C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 15/11.25 51,200/38,400 EHWA42C-B08 3 15/11.25 51,200/38,400 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356	EHWA72C-A10	240/208	1	10/7.5	34,130/25,600
EHWA48C-A05 240/208 1 5/3.75 17,065/12,800 EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 5/3.75 17,065/12,800 EHWA60CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA60CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA48CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA48CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA60C-B05 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 5/3.75 17,065/12,799 EHWA60C-B09 240/208 3 6/4.5 20,475/15,356 EHWA60C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B18 240/208 3 15/11.25 51,200/38,400 EHWA48C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA60C-B18 240/208 3 16/4.5 20,475/15,356 EHWA42C-B06 240/208 3 6/4.5 20,475/15,356 EHWA42C-B09 240/208 3 16/4.5 20,475/15,356 EHWA42C-B09 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356	EHWA42C-A15	240/208	1	15/11.25	51,200/38,400
EHWA42C-A10 240/208 1 10/7.5 34,130/25,600 EHWA60C-A15 240/208 1 15/11.25 51,200/38,400 EHWA60CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A10 240/208 1 15/11.25 51,200/38,400 EHWA42CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA48CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA42CD-A05 240/208 1 10/7.5 34,130/25,600 EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A15 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 3 5/3.75 17,065/12,799 EHWA60C-B05 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 6/4.5 20,475/15,356 EHWA60C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B15 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 16/4.5 20,475/15,356 EHWA60C-B18 240/208 3 16/4.5 20,475/15,356 EHWA42C-B09 240/208 3 9/6.75 30,600/23,030 EHWA42C-B09 240/208 3 16/4.5 20,475/15,356 EHWA42C-B09 240/208 3 16/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/4.5 51,200/38,400 EHWA42C-B18 240/208 3 16/4.5 20,475/15,356	EHWA42C-A20	240/208	1	20/15	68,260/51,200
EHWA60C-A15         240/208         1         15/11.25         51,200/38,400           EHWA60CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA60CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA48CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         15/11.25         51,200/38,400           EHWA60C-B15         240/208         3         18/13.5	EHWA48C-A05	240/208	1	5/3.75	17,065/12,800
EHWA60CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA60CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA48CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A05         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         15/11.25         51,200/38,400           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         15/11.25	EHWA42C-A10	240/208	1	10/7.5	34,130/25,600
EHWA60CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA48CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         18/13.5 <td< td=""><td>EHWA60C-A15</td><td>240/208</td><td>1</td><td>15/11.25</td><td>51,200/38,400</td></td<>	EHWA60C-A15	240/208	1	15/11.25	51,200/38,400
EHWA60CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA48CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA60C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         18/13.5 <td< td=""><td>EHWA60CD-A05</td><td>240/208</td><td>1</td><td>5/3.75</td><td>17,065/12,800</td></td<>	EHWA60CD-A05	240/208	1	5/3.75	17,065/12,800
EHWA48CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA48CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         15/11.25         51,200/38,400           EHWA48C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         15/11.25         51,200/38,400           EHWA42C-B06         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         18/13.5         61,430/46,100           EHWA42C-B15         240/208         3         15/11.25 <t< td=""><td>EHWA60CD-A10</td><td>240/208</td><td>1</td><td>10/7.5</td><td></td></t<>	EHWA60CD-A10	240/208	1	10/7.5	
EHWA48CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA42CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         9/6.75         30,600/23,030           EHWA48C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         18/13.5         61,430/46,100           EHWA42C-B09         240/208         3         15/11.25         51,200/38,400           EHWA42C-B15         240/208         3         15/11.25 <td< td=""><td>EHWA42CD-A15</td><td>240/208</td><td>1</td><td>15/11.25</td><td>51,200/38,400</td></td<>	EHWA42CD-A15	240/208	1	15/11.25	51,200/38,400
EHWA42CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A05 240/208 1 5/3.75 17,065/12,800 EHWA72CD-A10 240/208 1 10/7.5 34,130/25,600 EHWA72CD-A15 240/208 1 15/11.25 51,200/38,400 EHWA42C-B05 240/208 3 5/3.75 17,065/12,799 EHWA60C-B06 240/208 3 6/4.5 20,475/15,356 EHWA60C-B09 240/208 3 16/11.25 51,200/38,400 EHWA48C-B15 240/208 3 15/11.25 51,200/38,400 EHWA48C-B18 240/208 3 15/11.25 51,200/38,400 EHWA60C-B18 240/208 3 15/11.25 51,200/38,400 EHWA60C-B18 240/208 3 15/11.25 51,200/38,400 EHWA42C-B06 240/208 3 18/13.5 61,430/46,100 EHWA42C-B09 240/208 3 6/4.5 20,475/15,356 EHWA42C-B09 240/208 3 15/11.25 51,200/38,400 EHWA42C-B09 240/208 3 6/4.5 20,475/15,356 EHWA42C-B18 240/208 3 16/11.25 51,200/38,400 EHWA42C-B18 240/208 3 6/4.5 20,475/15,356 EHWA42C-B18 240/208 3 18/13.5 61,430/46,100 EHWA42C-B18 240/208 3 18/13.5 61,430/46,100 EHWA42C-B18 240/208 3 18/13.5 61,430/46,100 EHWA72C-B06 240/208 3 6/4.5 20,475/15,356 EHWA72C-B09 240/208 3 6/4.5 20,475/15,356	EHWA48CD-A05	240/208	1	5/3.75	17,065/12,800
EHWA72CD-A05         240/208         1         5/3.75         17,065/12,800           EHWA42CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         9/6.75         30,600/23,030           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         15/11.25         51,200/38,400           EHWA60C-B18         240/208         3         15/11.25         51,200/38,400           EHWA42C-B06         240/208         3         18/13.5         61,430/46,100           EHWA42C-B09         240/208         3         15/11.25         51,200/38,400           EHWA42C-B15         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         15/11.25         51,200/38,400           EHWA42C-B15         240/208         3         15/11.25	EHWA48CD-A10	240/208	1	10/7.5	34,130/25,600
EHWA42CD-A10         240/208         1         10/7.5         34,130/25,600           EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         9/6.75         30,600/23,030           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         15/11.25         51,200/38,400           EHWA48C-B15         240/208         3         15/11.25         51,200/38,400           EHWA60C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         6/4.5         20,475/15,356           EHWA42C-B15         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         15/11.25         51,200/38,400           EHWA72C-B18         240/208         3         18/13.5 <td< td=""><td>EHWA42CD-A05</td><td>240/208</td><td>1</td><td>5/3.75</td><td>17,065/12,800</td></td<>	EHWA42CD-A05	240/208	1	5/3.75	17,065/12,800
EHWA72CD-A15         240/208         1         15/11.25         51,200/38,400           EHWA42C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         9/6.75         30,600/23,030           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         15/11.25         51,200/38,400           EHWA60C-B18         240/208         3         15/11.25         51,200/38,400           EHWA60C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         6/4.5         20,475/15,356           EHWA42C-B15         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         15/11.25         51,200/38,400           EHWA72C-B06         240/208         3         15/11.25         51,200/38,400           EHWA72C-B06         240/208         3         16/4.5 <td< td=""><td>EHWA72CD-A05</td><td>240/208</td><td>1</td><td>5/3.75</td><td>17,065/12,800</td></td<>	EHWA72CD-A05	240/208	1	5/3.75	17,065/12,800
EHWA42C-B05         240/208         3         5/3.75         17,065/12,799           EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         9/6.75         30,600/23,030           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         18/13.5         61,430/46,100           EHWA60C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         6/4.5         20,475/15,356           EHWA42C-B09         240/208         3         15/11.25         51,200/38,400           EHWA42C-B15         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         15/11.25         51,200/38,400           EHWA72C-B06         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         6/4.5         20,47	EHWA42CD-A10	240/208	1	10/7.5	34,130/25,600
EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         9/6.75         30,600/23,030           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         18/13.5         61,430/46,100           EHWA48C-B15         240/208         3         18/13.5         61,430/46,100           EHWA60C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         6/4.5         20,475/15,356           EHWA42C-B09         240/208         3         9/6.75         30,600/23,030           EHWA42C-B15         240/208         3         18/13.5         61,430/46,100           EHWA42C-B18         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         18/13.5         61,430/46,100           EHWA72C-B09         240/208         3         6/4.5         20,475/15,356           EHWA72C-B09         240/208         3         6/4.5         20,475/15,356	EHWA72CD-A15	240/208	1	15/11.25	
EHWA60C-B06         240/208         3         6/4.5         20,475/15,356           EHWA60C-B09         240/208         3         9/6.75         30,600/23,030           EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         18/13.5         61,430/46,100           EHWA48C-B15         240/208         3         15/11.25         51,200/38,400           EHWA60C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         6/4.5         20,475/15,356           EHWA42C-B09         240/208         3         15/11.25         51,200/38,400           EHWA42C-B15         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         18/13.5         61,430/46,100           EHWA72C-B09         240/208         3         16/4.5         20,475/15,356           EHWA72C-B09         240/208         3         6/4.5         20,475/15,356	EHWA42C-B05	240/208	3	5/3.75	17,065/12,799
EHWA60C-B15         240/208         3         15/11.25         51,200/38,400           EHWA48C-B18         240/208         3         18/13.5         61,430/46,100           EHWA48C-B15         240/208         3         15/11.25         51,200/38,400           EHWA60C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         6/4.5         20,475/15,356           EHWA42C-B09         240/208         3         15/11.25         51,200/38,400           EHWA42C-B15         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         6/4.5         20,475/15,356           EHWA72C-B09         240/208         3         9/6.75         30,600/23,030	EHWA60C-B06	240/208	3	6/4.5	
EHWA48C-B18       240/208       3       18/13.5       61,430/46,100         EHWA48C-B15       240/208       3       15/11.25       51,200/38,400         EHWA60C-B18       240/208       3       18/13.5       61,430/46,100         EHWA42C-B06       240/208       3       6/4.5       20,475/15,356         EHWA42C-B09       240/208       3       9/6.75       30,600/23,030         EHWA42C-B15       240/208       3       15/11.25       51,200/38,400         EHWA42C-B18       240/208       3       18/13.5       61,430/46,100         EHWA72C-B06       240/208       3       6/4.5       20,475/15,356         EHWA72C-B09       240/208       3       9/6.75       30,600/23,030	EHWA60C-B09	240/208	3	9/6.75	30,600/23,030
EHWA48C-B18       240/208       3       18/13.5       61,430/46,100         EHWA48C-B15       240/208       3       15/11.25       51,200/38,400         EHWA60C-B18       240/208       3       18/13.5       61,430/46,100         EHWA42C-B06       240/208       3       6/4.5       20,475/15,356         EHWA42C-B09       240/208       3       9/6.75       30,600/23,030         EHWA42C-B15       240/208       3       15/11.25       51,200/38,400         EHWA42C-B18       240/208       3       18/13.5       61,430/46,100         EHWA72C-B06       240/208       3       6/4.5       20,475/15,356         EHWA72C-B09       240/208       3       9/6.75       30,600/23,030		240/208	3		51,200/38,400
EHWA48C-B15         240/208         3         15/11.25         51,200/38,400           EHWA60C-B18         240/208         3         18/13.5         61,430/46,100           EHWA42C-B06         240/208         3         6/4.5         20,475/15,356           EHWA42C-B09         240/208         3         9/6.75         30,600/23,030           EHWA42C-B15         240/208         3         15/11.25         51,200/38,400           EHWA42C-B18         240/208         3         18/13.5         61,430/46,100           EHWA72C-B06         240/208         3         6/4.5         20,475/15,356           EHWA72C-B09         240/208         3         9/6.75         30,600/23,030	EHWA48C-B18	240/208	3		
EHWA60C-B18       240/208       3       18/13.5       61,430/46,100         EHWA42C-B06       240/208       3       6/4.5       20,475/15,356         EHWA42C-B09       240/208       3       9/6.75       30,600/23,030         EHWA42C-B15       240/208       3       15/11.25       51,200/38,400         EHWA42C-B18       240/208       3       18/13.5       61,430/46,100         EHWA72C-B06       240/208       3       6/4.5       20,475/15,356         EHWA72C-B09       240/208       3       9/6.75       30,600/23,030	EHWA48C-B15		3		
EHWA42C-B06       240/208       3       6/4.5       20,475/15,356         EHWA42C-B09       240/208       3       9/6.75       30,600/23,030         EHWA42C-B15       240/208       3       15/11.25       51,200/38,400         EHWA42C-B18       240/208       3       18/13.5       61,430/46,100         EHWA72C-B06       240/208       3       6/4.5       20,475/15,356         EHWA72C-B09       240/208       3       9/6.75       30,600/23,030					
EHWA42C-B09       240/208       3       9/6.75       30,600/23,030         EHWA42C-B15       240/208       3       15/11.25       51,200/38,400         EHWA42C-B18       240/208       3       18/13.5       61,430/46,100         EHWA72C-B06       240/208       3       6/4.5       20,475/15,356         EHWA72C-B09       240/208       3       9/6.75       30,600/23,030		240/208		6/4.5	
EHWA42C-B15       240/208       3       15/11.25       51,200/38,400         EHWA42C-B18       240/208       3       18/13.5       61,430/46,100         EHWA72C-B06       240/208       3       6/4.5       20,475/15,356         EHWA72C-B09       240/208       3       9/6.75       30,600/23,030					
EHWA42C-B18       240/208       3       18/13.5       61,430/46,100         EHWA72C-B06       240/208       3       6/4.5       20,475/15,356         EHWA72C-B09       240/208       3       9/6.75       30,600/23,030					
EHWA72C-B06         240/208         3         6/4.5         20,475/15,356           EHWA72C-B09         240/208         3         9/6.75         30,600/23,030					
EHWA72C-B09 240/208 3 9/6.75 30,600/23,030					
	EHWA42CD-B09	240/208	3	9/6.75	30,600/23,030

Heater Package Model	Volts	Phase	Nominal KW	Nominal BTU
EHWA60CD-B15	240/208	3	15/11.25	51,200/38,400
EHWA48CD-B18	240/208	3	18/13.5	61,430/46,100
EHWA42CD-B18	240/208	3	18/13.5	61,430/46,100
EHWA48CD-B09	240/208	3	9/6.75	30,600/23,030
EHWA60CD-B09	240/208	3	9/6.75	30,600/23,030
EHWA72CD-B06	240/208	3	6/4.5	20,475/15,356
EHWA72CD-B09	240/208	3	9/6.75	30,600/23,030
EHWA42C-C05	480	3	5	17,065
EHWA60C-C09	480	3	9	30,700
EHWA60C-C15	480	3	15	47,000
EHWA42C-C09	480	3	9	30,700
EHWA42C-C15	480	3	15	47,000
EHWA48C-C09	480	3	9	30,700
EHWA72C-C15	480	3	15	47,000
EHWA42CD-C09	480	3	9	30,700
EHWA42C-E09	220/200	3	9	30,700
EHWA42C-E15	220/200	3	15	47,000
EHWA60C-F07	415	3	7	23,877
EHWA60C-F12	415	3	12	37,600
EHWA42C-F07	415	3	7	23,877
EHWA42C-F12	415	3	12	37,600

#### WIRING MAIN POWER

1. On all installations, size unit power supply wiring for the minimum circuit ampacity requirement for the unit and heater package combination listed on the unit serial plate.

For existing installations, addition or upgrading of a heater package may require that larger supply wires be run to the unit. Resize all power supply wires for the minimum circuit ampacity rating listed on the unit serial plate that is applicable for the combination of unit and heater package.

# **⚠ WARNING**

Install properly sized power supply leads for the unit/heater combination minimum circuit ampacity as listed on the unit serial plate. Hazard of fire. Failure to install properly sized conductors could result in fire causing damage, bodily injury or death.

2. All heater packages covered by this manual are factory wired for a single supply circuit. The following heater packages are field convertible to a dual supply circuit if required or desired.

EHW3SC-A15

EHW3SC-A20

EHWA42C-A15

EHWA42C-A20

EHWA42CD-A15

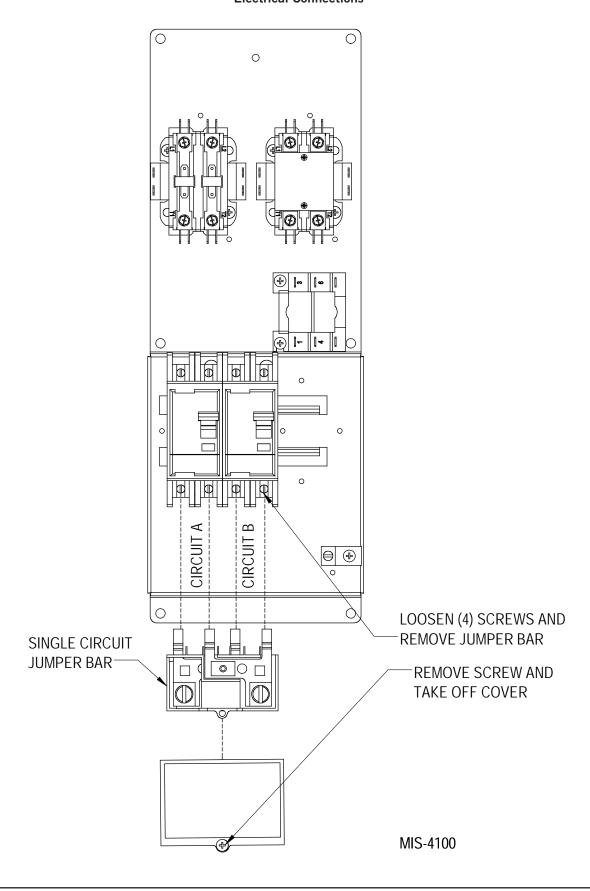
EHWA60C-A15

EHWA72C-A10

3. To convert the above heater packages to dual circuit configuration before installation, loosen four (4) screws holding jumper bar in place and remove jumper bar. Circuit A + B are now identified on the heater package (see Figure 1 on page 6).

Wire should be sized to the minimum circuit ampacity as specified on the serial plates of units that accept these heater packages for circuits A + B.

FIGURE 1 Electrical Connections



#### INSTALLATION OF HEATER PACKAGE

1. Disconnect all power to unit before installation.

# **△ WARNING**

Disconnect all power to unit before installing heater package. Hazard of electrical shock. Failure to disconnect power could result in injury or death.

2. Before installation, check unit serial plate to ensure that the heater package model to be installed is listed as a heater package suitable for use with the unit.

Under no circumstances shall a heater package be installed in a unit if the model number of the heater package does not appear on the unit serial plate.

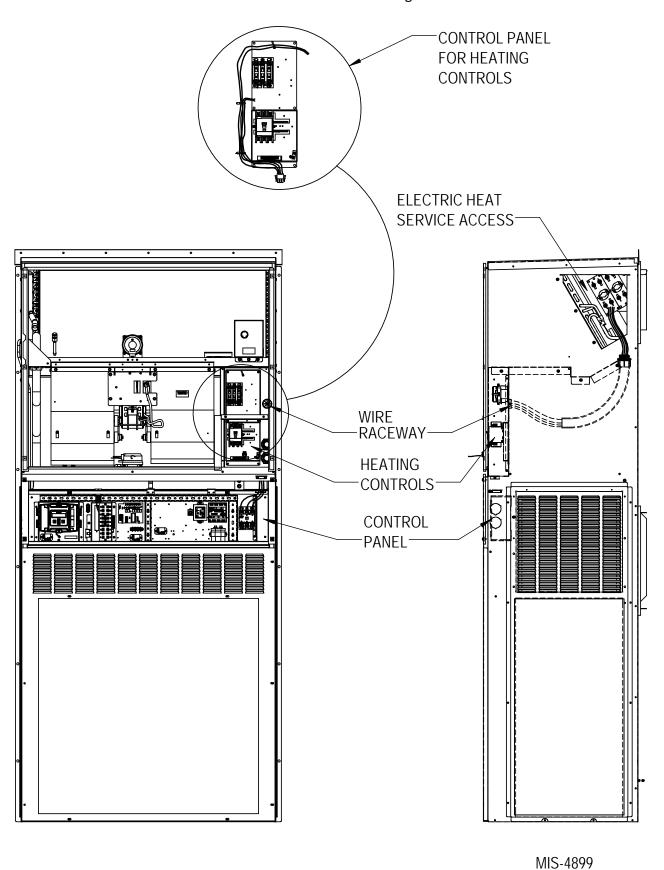
# **⚠ WARNING**

Install only heater packages listed on unit serial plate. Hazard of fire or electrical shock. Failure to install listed heater package could result in fire, injury or death.

- 3. Remove electric heater access panel and control panel cover, both inner and outer (see Figure 2 on page 8).
- 4. All heaters are installed with the thermal cutoffs positioned to the top of the unit. Install heat strip(s) through heater access opening. Position heat strip support rod in heater support hole 1, 2 or 3 as indicated in Table 2 on page 9 and Figure 3 on page 10. Secure in place with two (2) sheet metal screws in mounting holes. On heater packages with two heat strips, install 9KW or 10KW heater first in position closest to the outlet air frame (see Figures 4E and 4F on page 12).

- 5. Install heater control base into top of control panel as shown in Figure 5 on page 13. Secure with four (4) sheet metal screws provided.
- 6. Plug male 6-pin connector into mating connector mounted in control panel (see Figure 5).
- 7. Connect red compressor supply lead to L1 of terminal block. Connect black compressor supply lead to L2 of terminal block. If 3 phase, connect yellow supply lead to L3 of terminal block. See Figure 5 and wiring diagram.
- 8. Route wires from heater control base up through raceway in top right corner of control panel to the heaters (see Figure 5).
- 9. Wire heater package per wiring diagram supplied with this heater package. All wires are stamped with wire numbers that correspond with terminal numbers on the wiring diagram and stamped numbers on the heat strip. Limit switch wires are terminated with insulated quick connect terminals. See appropriate Figure 4 on page 11 or 12.
- 10. Attach adhesive wiring diagram directly above unit wiring diagram on inner control panel cover.
- 11. Recheck all wiring. Break out appropriate circuit breaker tabs on inner control panel cover to allow trip lever to protrude. Replace control panel and heater access panels
- 12. Resupply power to the unit and check for proper operation.
- 13. Re-mark serial plate with self-adhesive label attached to the front of this manual (see Figure 6 on page 14).

FIGURE 2
Installation of Heater Package



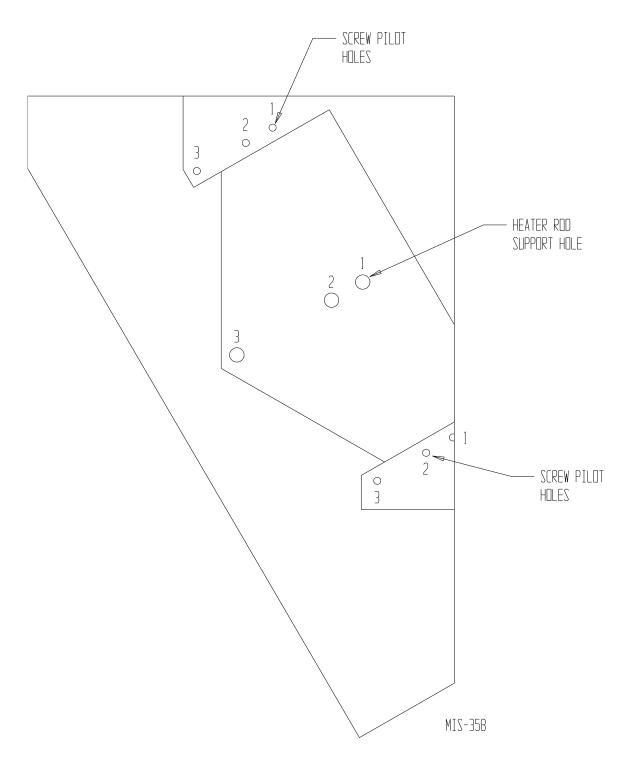
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TABLE 2
References to Figures 3 and 4 by Model Number

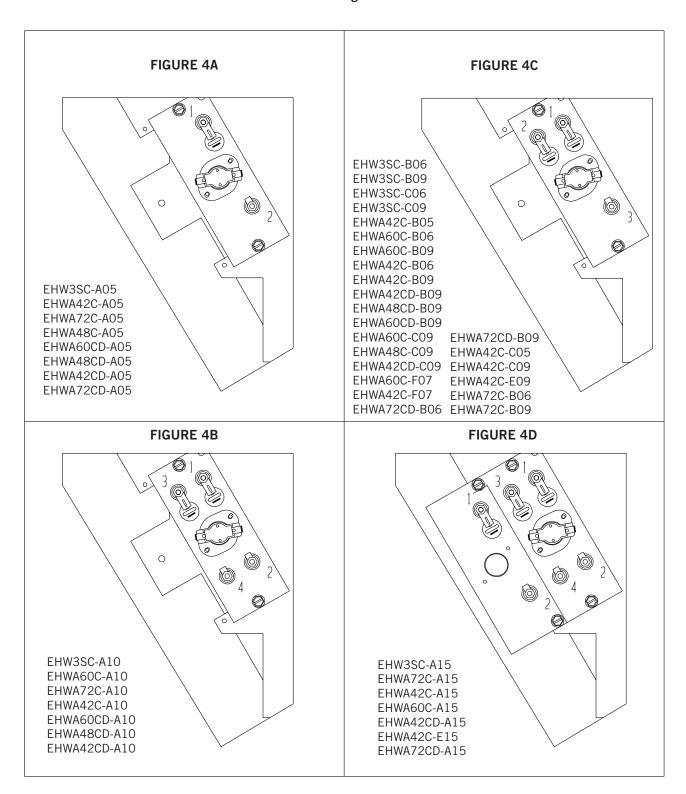
Heater Package Model	Figure 3 Rod Support and Screw Mounting Position	Figure 4 Heater Terminal Identification Drawing
EHW3SC-A05	1	4A
EHW3SC-A10	1	4B
EHW3SC-A15	1 + 3	4D
EHW3SC-A20	1 + 3	4F
EHW3SC-B06	1	4C
EHW3SC-B09	1	4C
EHW3SC-B15	1 + 3	4E
EHW3SC-C06	1	4C
EHW3SC-C09	1	4C
EHW3SC-C15	1 + 3	4E
EHWA42C-A05	1	4A
EHWA60C-A10	1	4B
EHWA72C-A15	1 + 3	4D
EHWA60C-A20	1 + 3	4F
EHWA72C-A05	1	4A
EHWA72C-A10	1	4B
EHWA42C-A15	1 + 3	4D
EHWA42C-A20	1 + 3	4F
EHWA48C-A05	1	4A
EHWA42C-A10	1	4B
EHWA60C-A15	1 + 3	4D
EHWA60CD-A05	1	4A
EHWA60CD-A10	1 + 3	4B
EHWA42CD-A15	1	4D
EHWA48CD-A05	1	4A
EHWA48CD-A10	1	4B
EHWA42CD-A05	1	4A
EHWA72CD-A05	1	4A
EHWA42CD-A10	1	4B
EHWA72CD-A15	1 + 3	4D
EHWA42C-B05	1	4C
EHWA60C-B06	1	4C
EHWA60C-B09	1	4C
EHWA60C-B15	1 + 3	4E
EHWA48C-B18	1 + 3	4E
EHWA48C-B15	1 + 3	4E
EHWA60C-B18	1 + 3	4E
EHWA42C-B06	1	4C
EHWA42C-B09	1	4C
EHWA42C-B15	1 + 3	4E
EHWA42C-B18	1 + 3	4E
EHWA72C-B06	1	4C
EHWA72C-B09	1	4C
EHWA42CD-B09	1	4C

Heater Package Model	Figure 3 Rod Support and Screw Mounting Position	Figure 4 Heater Terminal Identification Drawing
EHWA60CD-B15	1 + 3	4E
EHWA48CD-B18	1 + 3	4E
EHWA42CD-B18	1 + 3	4E
EHWA48CD-B09	1	4C
EHWA60CD-B09	1	4C
EHWA72CD-B06	1	4C
EHWA72CD-B09	1	4C
EHWA42C-C05	1	4C
EHWA60C-C09	1	4C
EHWA60C-C15	1 + 3	4E
EHWA42C-C09	1	4C
EHWA42C-C15	1 + 3	4E
EHWA48C-C09	1	4C
EHWA72C-C15	1 + 3	4E
EHWA42CD-C09	1	4C
EHWA42C-E09	1	4C
EHWA42C-E15	1 + 3	4D
EHWA60C-F07	1	4C
EHWA60C-F12	1 + 3	4E
EHWA42C-F07	1	4C
EHWA42C-F12	1 + 3	4E

FIGURE 3
Rod Support and Screw Mounting Positions



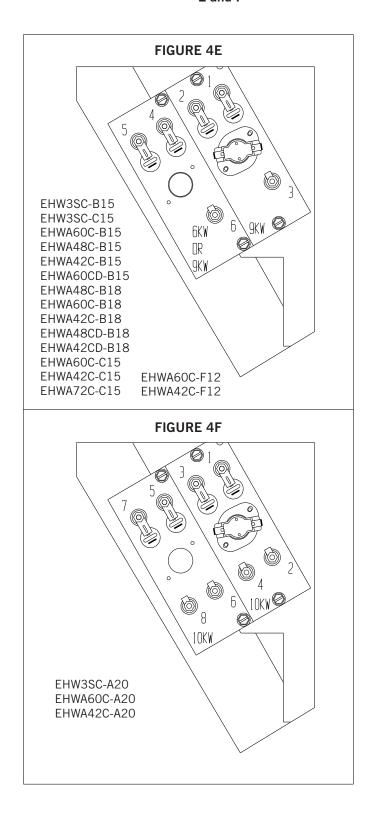
#### FIGURE 4 A Through D



NOTE: THERMAL CUTOFFS TO BE AT TOP OF AIR FRAME WHEN INSTALLING.

MIS-420 F

FIGURE 4 E and F



NOTE: THERMAL CUTOFFS TO BE AT TOP OF AIR FRAME WHEN INSTALLING.

MIS-421 E

FIGURE 5 **Installing Heater Base and Connecting Wiring** 

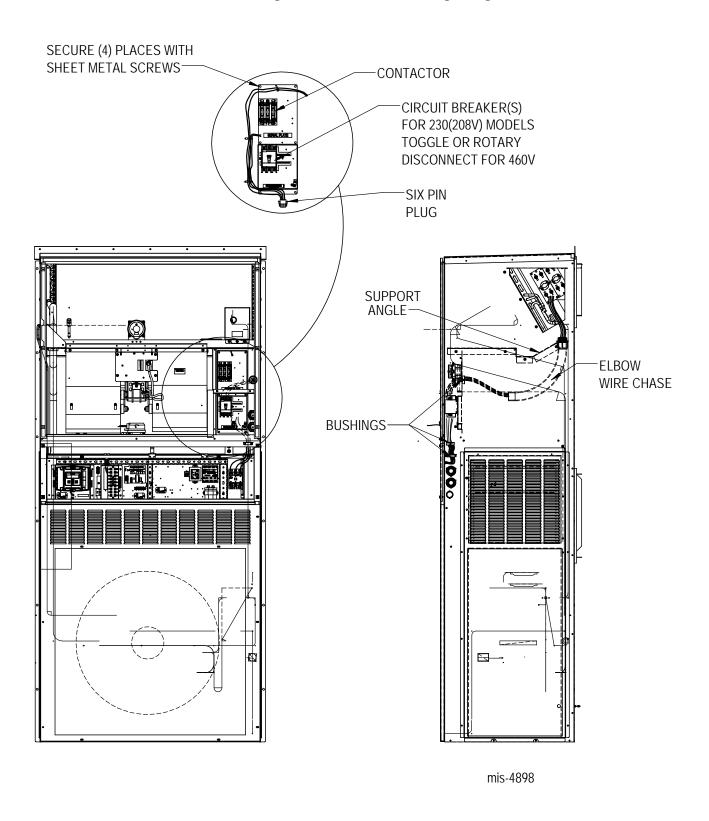


FIGURE 6
Serial Plate Label

