

# 7AHW/4AHW

## PRODUCT SPECIFICATIONS

## WALL MOUNT AIR HANDLER

FORM NO. 7AHW/4AHW-100 (08/2026)



### CABINET & GENERAL FEATURES

- Flexible copper tubing for easy motor access.
- Low 31" height on models 18 - 37.
- Cabinets Constructed of heavy-gauge, corrosion-resistant galvanized steel.
- Refrigerant connections located on top left.
- 5/8" foil-faced insulation for excellent sweat resistance and quiet operation.
- (4) Screw removal for easy access to all electrical connections
- Dual condensate drain connections on left side, right side, and bottom of cabinet.
- 1" duct flanges on all models simplify attachment to plenums.
- Air filter included with every air handler; no tools required for change out.
- Decorative wall panel (26"w x 38"h) or closet panel (24"w x 27"h) allow optimal airflow while reducing sound levels.
- Wall hanging bracket available as accessory for field installation.
- Approved for installation in manufactured housing and mobile homes.

### COIL FEATURES

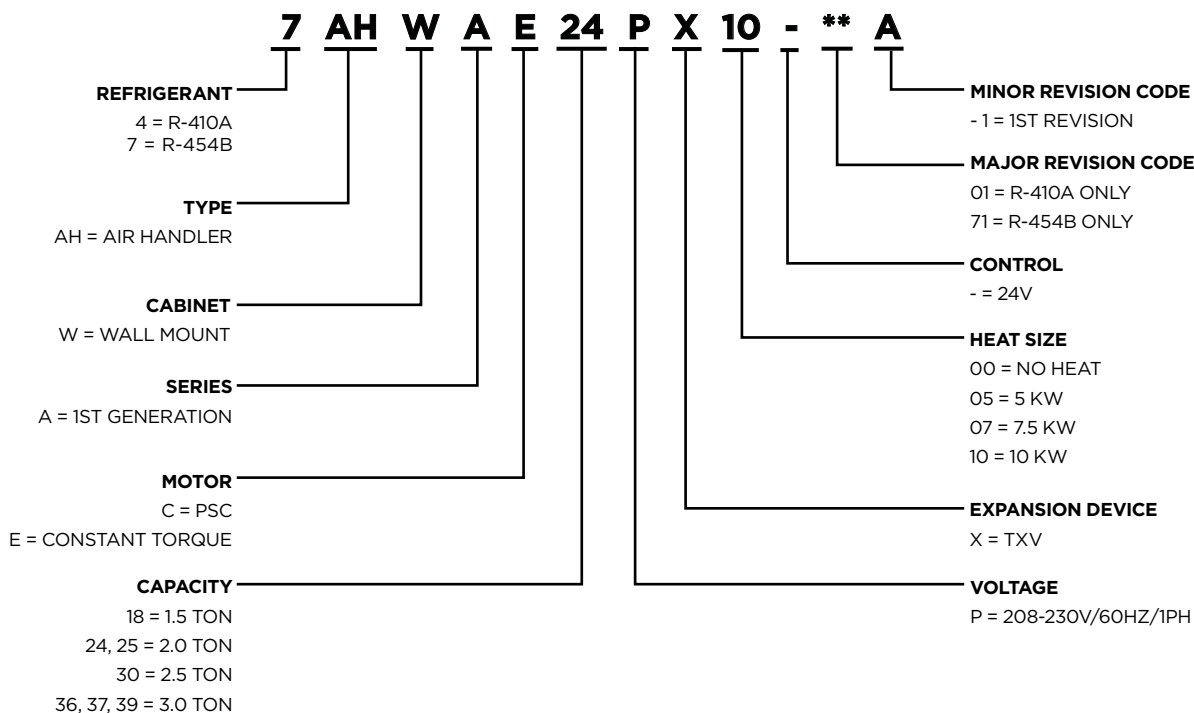
- AC or HP applications:
  - A1 models suitable for use with R-22 & R-410A.
  - A2L models suitable for use with R-32 and R-454B and include factory installed Refrigerant Detection System (RDS).
- Proven copper tube and aluminum fin coil technology.
- Factory installed threaded expansion valve.
- Corrosion proof plastic drain pan.

### ELECTRICAL FEATURES

- High efficiency ECM motor or PSC motor available.
- Easy to service electric heat section.
- 5, 7.5, or 10 kW heat kits standard factory installed.
- Pull disconnect line voltage connection standard on all models.
- Patented condensate drain pan safety float switch available as accessory.
- Includes thermostat connections, time delay (1 sec. on, 45 sec. off), & motor uses control board; functions are built into the ECM motor).



## MODEL NUMBER GUIDE



## PHYSICAL DATA

|                                                             |               | Unit Size                 |       |       |       |       |       |       |
|-------------------------------------------------------------|---------------|---------------------------|-------|-------|-------|-------|-------|-------|
|                                                             |               | 18                        | 24    | 25    | 30    | 36    | 37    | 39    |
| Available Voltages                                          |               | 208/240 V , 60 Hz 1 Phase |       |       |       |       |       |       |
| Maximum Elec. Heat available (KW)                           |               | 5                         | 7     | 7     | 7     | 10    | 10    | 10    |
| Transformer Size and Type                                   |               | 40VA, Class 2             |       |       |       |       |       |       |
| Blower Data:<br>3-Speed PSC Motor                           | Motor H.P.    | 1/4                       | 1/4   | --    | 1/3   | 1/3   | --    | --    |
|                                                             | F.L.A. @240 V | 1/7                       | 1/7   | --    | 2.0   | 2.0   | --    | --    |
| Blower Data:<br>5-Speed High Eff, ECM Motor                 | Motor H.P.    | --                        | --    | 1/3   | --    | --    | 1/2   | 1/2   |
|                                                             | F.L.A. @240 V | --                        | --    | 1.7   | --    | --    | 2.9   | 2.9   |
| Wheel (dia. " x width")                                     |               | 10X6                      | 10X6  | 10X6  | 10X6  | 10X6  | 10X6  | 10X6  |
| Nominal CFM                                                 |               | 600                       | 800   | 800   | 1000  | 1200  | 1200  | 1200  |
| Air Filter Size (in)                                        |               | 20X20                     | 20X20 | 20X20 | 20X20 | 20X25 | 20X25 | 20X30 |
| Refrigerant Conn. (IDS) Suction                             |               | 3/4"                      | 3/4"  | 3/4"  | 3/4"  | 3/4"  | 3/4"  | 3/4"  |
| Refrigerant Conn. (IDS) Liquid                              |               | 3/8"                      | 3/8"  | 3/8"  | 3/8"  | 3/8"  | 3/8"  | 3/8"  |
| Sound Level @0.3 Static w/o Wall Panel (dBA) <sup>(1)</sup> |               | 60                        | 64    | 64    | 69    | 72    | 69    | 69    |
| Max Unit Weight (lbs)                                       |               | 78                        | 78    | 81    | 81    | 81    | 84    | 87    |
| Max Shipping Weight (lbs)                                   |               | 85                        | 85    | 90    | 90    | 100   | 105   | 108   |

Note: 18" Clearance required in front of unit for filter and coil maintenance. Can be less if front panel is directly behind a louvered closet door; check local codes and regulations.

**ELECTRICAL DATA****3-SPEED PSC MOTOR**

| Unit Size                                                                                        | Elec. Heating Cap.  |                     | Blower Amps |      | Min. Circuit Ampacity |      | Max. Circuit Breaker Size |      |
|--------------------------------------------------------------------------------------------------|---------------------|---------------------|-------------|------|-----------------------|------|---------------------------|------|
|                                                                                                  | kW                  | Btuh                | 208V        | 240V | 208V                  | 240V | 208V                      | 240V |
|                                                                                                  | 240V <sup>(1)</sup> | 240V <sup>(1)</sup> |             |      |                       |      |                           |      |
| 7AHWAC18PX00-71A<br>4AHWAC18PX05-01A<br>7AHWAC18PX05-71A                                         | 0                   | 0                   | 1.8         | 1.7  | 2.3                   | 2.1  | 15                        | 15   |
|                                                                                                  | 5.0                 | 17,061              | 1.8         | 1.7  | 24.8                  | 28.2 | 25                        | 30   |
|                                                                                                  | 7.5                 | 25,591              | 1.8         | 1.7  | 36.1                  | 41.2 | 40                        | 45   |
|                                                                                                  | 10                  | 34,121              | 1.8         | 1.7  | 47.4                  | 54.2 | 50                        | 60   |
| 7AHWAC24PX00-71A<br>4AHWAC24PX05-01A<br>7AHWAC24PX05-71A<br>4AHWAC24PX07-01A<br>7AHWAC24PX07-71A | 0                   | 0                   | 1.8         | 1.7  | 2.3                   | 2.1  | 15                        | 15   |
|                                                                                                  | 5.0                 | 17,061              | 1.8         | 1.7  | 24.8                  | 28.2 | 25                        | 30   |
|                                                                                                  | 7.5                 | 25,591              | 1.8         | 1.7  | 36.1                  | 41.2 | 40                        | 45   |
|                                                                                                  | 10                  | 34,121              | 1.8         | 1.7  | 47.4                  | 54.2 | 50                        | 60   |
| 7AHWAC30PX00-71A<br>4AHWAC30PX05-01A<br>7AHWAC30PX05-71A<br>4AHWAC30PX07-01A<br>7AHWAC30PX07-71A | 0                   | 0                   | 2.1         | 2.0  | 2.6                   | 2.5  | 15                        | 15   |
|                                                                                                  | 5.0                 | 17,061              | 2.1         | 2.0  | 25.2                  | 28.5 | 30                        | 30   |
|                                                                                                  | 7.5                 | 25,591              | 2.1         | 2.0  | 36.5                  | 41.6 | 40                        | 45   |
|                                                                                                  | 10                  | 34,121              | 2.1         | 2.0  | 47.8                  | 54.6 | 50                        | 60   |
| 7AHWAC36PX00-71A<br>4AHWAC36PX07-01A<br>7AHWAC36PX07-71A<br>4AHWAC36PX10-01A<br>7AHWAC36PX10-71A | 0                   | 0                   | 2.1         | 2.0  | 2.6                   | 2.5  | 15                        | 15   |
|                                                                                                  | 5                   | 17,061              | 2.1         | 2    | 25.2                  | 28.5 | 30                        | 30   |
|                                                                                                  | 7.5                 | 25,591              | 2.1         | 2.0  | 36.5                  | 41.6 | 40                        | 45   |
|                                                                                                  | 10.0                | 34,121              | 2.1         | 2.0  | 47.8                  | 54.6 | 50                        | 60   |

(1) For 208 Volts use, 751 correction factor for KW&amp;MBTUH

**5-SPEED HIGH EFFICIENCY ECM MOTOR**

| Unit Size                                                                                                            | Heating Cap.        |                     | Blower Amps |      | Min. Circuit Ampacity |      | Max. Circuit Breaker Size |      |
|----------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|-------------|------|-----------------------|------|---------------------------|------|
|                                                                                                                      | kW                  | Btuh                | 208V        | 240V | 208V                  | 240V | 208V                      | 240V |
|                                                                                                                      | 240V <sup>(1)</sup> | 240V <sup>(1)</sup> |             |      |                       |      |                           |      |
| 7AHWAE25PX00-71A<br>4AHWAE25PX05-01A<br>7AHWAE25PX05-71A<br>4AHWAE25PX07-01A<br>7AHWAE25PX07-71A                     | 0                   | 0                   | 1.8         | 1.7  | 2.3                   | 2.1  | 15                        | 15   |
|                                                                                                                      | 5.0                 | 17,061              | 1.8         | 1.7  | 24.8                  | 28.2 | 25                        | 30   |
|                                                                                                                      | 7.5                 | 25,591              | 1.8         | 1.7  | 36.1                  | 41.2 | 40                        | 45   |
|                                                                                                                      | 10                  | 34,121              | 1.8         | 1.7  | 47.4                  | 54.2 | 50                        | 60   |
| 7AHWAE37PX00-71A<br>7AHWAE37PX05-71A<br>4AHWAE37PX07-01A<br>7AHWAE37PX07-71A<br>4AHWAE37PX10-01A<br>7AHWAE37PX10-71A | 0                   | 0                   | 3.1         | 2.9  | 3.9                   | 3.6  | 15                        | 15   |
|                                                                                                                      | 5.0                 | 17,061              | 3.1         | 2.9  | 26.4                  | 29.7 | 30                        | 30   |
|                                                                                                                      | 7.5                 | 25,591              | 3.1         | 2.9  | 37.7                  | 42.7 | 40                        | 45   |
|                                                                                                                      | 10.0                | 34,121              | 3.1         | 2.9  | 49.0                  | 55.7 | 50                        | 60   |
| 7AHWAE39PX00-71A<br>7AHWAE39PX05-71A<br>7AHWAE39PX07-71A<br>7AHWAE39PX10-71A                                         | 0                   | 0                   | 3.1         | 2.9  | 3.9                   | 3.6  | 15                        | 15   |
|                                                                                                                      | 5.0                 | 17,061              | 3.1         | 2.9  | 26.4                  | 29.7 | 30                        | 30   |
|                                                                                                                      | 7.5                 | 25,591              | 3.1         | 2.9  | 37.7                  | 42.7 | 40                        | 45   |
|                                                                                                                      | 10.0                | 34,121              | 3.1         | 2.9  | 49.0                  | 55.7 | 50                        | 60   |

(1) For 208 Volts use, 751 correction factor for KW&amp;MBTUH

**BLOWER PERFORMANCE DATA****3-SPEED PSC MOTOR**

| Unit Size                                                                                        | Cooling Speed Setting | Airflow (CFM) vs. External Static Pressure (inches W.C.)*** |      |      |      |      |
|--------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------|------|------|------|------|
|                                                                                                  |                       | 0.1                                                         | 0.2  | 0.3  | 0.4  | 0.5  |
| 7AHWAC18PX00-71A<br>4AHWAC18PX05-01A<br>7AHWAC18PX05-71A                                         | * ^ Low-Red           | 606                                                         | 591  | 576  | 559  | 529  |
|                                                                                                  | Med - Blue            | 802                                                         | 784  | 751  | 722  | 693  |
|                                                                                                  | High - Black          | 1046                                                        | 1013 | 987  | 943  | 885  |
| 7AHWAC24PX00-71A<br>4AHWAC24PX05-01A<br>7AHWAC24PX05-71A<br>4AHWAC24PX07-01A<br>7AHWAC24PX07-71A | Low-Red               | 606                                                         | 591  | 576  | 559  | 529  |
|                                                                                                  | * ^ Med - Blue        | 802                                                         | 784  | 751  | 722  | 693  |
|                                                                                                  | High - Black          | 1046                                                        | 1013 | 987  | 943  | 885  |
| 7AHWAC30PX00-71A<br>4AHWAC30PX05-01A<br>7AHWAC30PX05-71A<br>4AHWAC30PX07-01A<br>7AHWAC30PX07-71A | Low-Red               | 816                                                         | 809  | 802  | 775  | 752  |
|                                                                                                  | * ^ Med - Blue        | 1000                                                        | 985  | 970  | 935  | 889  |
|                                                                                                  | High - Black          | 1218                                                        | 1175 | 1122 | 1070 | 1008 |
| 7AHWAC36PX00-71A<br>4AHWAC36PX07-01A<br>7AHWAC36PX07-71A<br>4AHWAC36PX10-01A<br>7AHWAC36PX10-71A | Low-Red               | 816                                                         | 809  | 802  | 775  | 752  |
|                                                                                                  | * ^ Med - Blue        | 1000                                                        | 985  | 970  | 935  | 889  |
|                                                                                                  | High - Black          | 1218                                                        | 1175 | 1122 | 1070 | 1008 |

\* Factory setting for cooling.

^ Factory setting for heating.

\*\*\* All airflow data is with a dry coil, filter, &amp; electric heat.

Do not adjust heating airflow below factory setpoint.

**5-SPEED HIGH EFFICIENCY ECM MOTOR**

| Unit Size                                                                                                            | Cooling Speed Setting | Airflow (CFM) vs. External Static Pressure (inches W.C.)*** |      |      |      |      |
|----------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------|------|------|------|------|
|                                                                                                                      |                       | 0.1                                                         | 0.2  | 0.3  | 0.4  | 0.5  |
| 7AHWAE25PX00-71A<br>4AHWAE25PX05-01A<br>7AHWAE25PX05-71A<br>4AHWAE25PX07-01A<br>7AHWAE25PX07-71A                     | Tap 1                 | 569                                                         | 453  | 347  | 264  | 264  |
|                                                                                                                      | Tap 2                 | 659                                                         | 600  | 569  | 518  | 475  |
|                                                                                                                      | * Tap 3               | 847                                                         | 800  | 787  | 744  | 722  |
|                                                                                                                      | ^ Tap 4               | 928                                                         | 901  | 883  | 846  | 802  |
|                                                                                                                      | Tap 5                 | 970                                                         | 944  | 927  | 891  | 864  |
| 7AHWAE37PX00-71A<br>7AHWAE37PX05-71A<br>4AHWAE37PX07-01A<br>7AHWAE37PX07-71A<br>4AHWAE37PX10-01A<br>7AHWAE37PX10-71A | Tap 1                 | 848                                                         | 800  | 769  | 726  | 692  |
|                                                                                                                      | Tap 2                 | 1051                                                        | 1028 | 1000 | 956  | 930  |
|                                                                                                                      | * Tap 3               | 1247                                                        | 1215 | 1188 | 1161 | 1126 |
|                                                                                                                      | ^ Tap 4               | 1310                                                        | 1279 | 1254 | 1228 | 1200 |
|                                                                                                                      | Tap 5                 | 1364                                                        | 1334 | 1304 | 1279 | 1250 |
| 7AHWAE39PX00-71A<br>7AHWAE39PX05-71A<br>7AHWAE39PX07-71A<br>7AHWAE39PX10-71A                                         | Tap 1                 | 800                                                         | 783  | 747  | 725  | 689  |
|                                                                                                                      | Tap 2                 | 1034                                                        | 1003 | 987  | 959  | 937  |
|                                                                                                                      | * Tap 3               | 1281                                                        | 1253 | 1228 | 1207 | 1186 |
|                                                                                                                      | ^ Tap 4               | 1343                                                        | 1314 | 1290 | 1261 | 1226 |
|                                                                                                                      | Tap 5                 | 1367                                                        | 1342 | 1312 | 1277 | 1239 |

\* Factory setting for cooling.

^ Factory setting for heating.

\*\*\* All airflow data is with a dry coil, filter, &amp; electric heat.

Do not adjust heating airflow below factory setpoint.

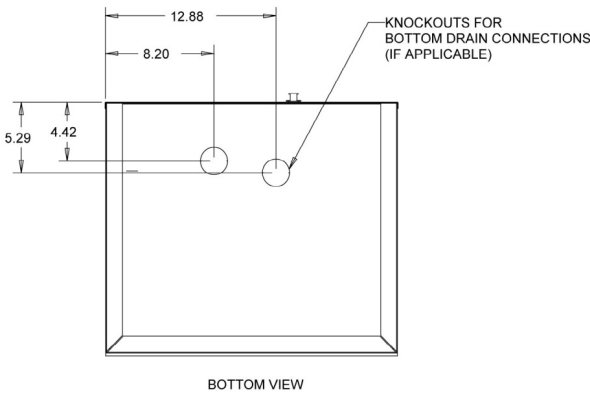
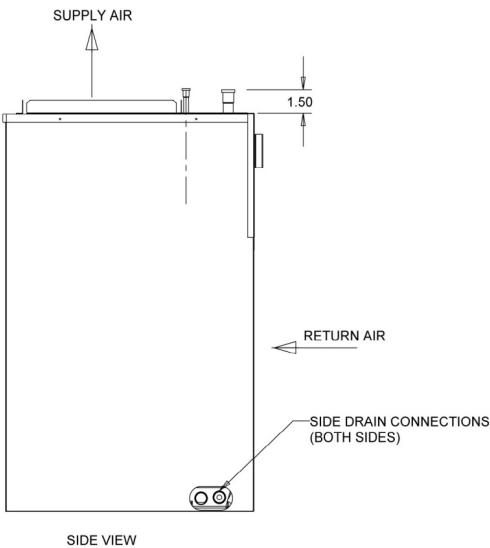
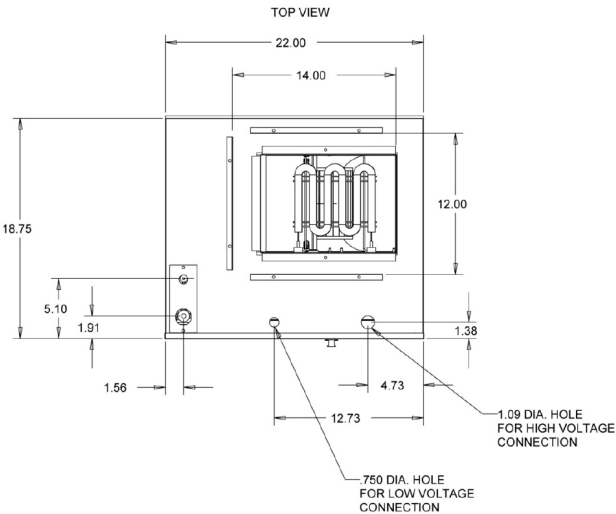
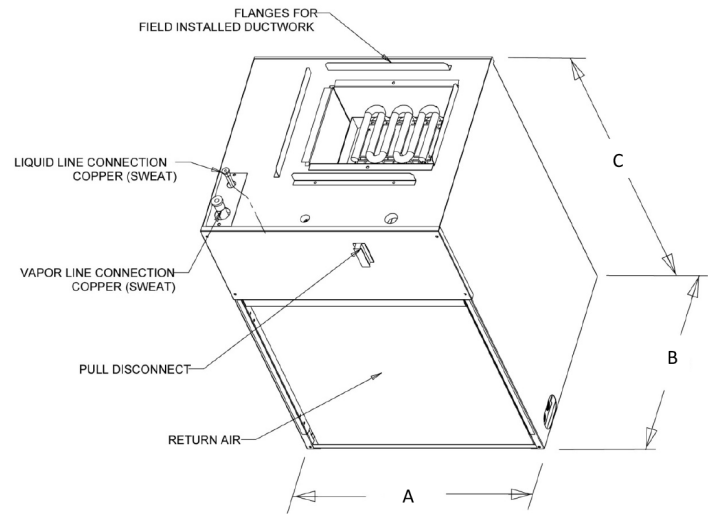
**ACCESSORIES**

| Accessory Description                            | Catalog Number |
|--------------------------------------------------|----------------|
| Wall Hanging Bracket (qty of 1)                  | 1.841206       |
| Wall Hanging Bracket (qty of 10)                 | 1.841210       |
| Float Switch                                     | 1.841208       |
| Decorative Wall Panel (finished, no louvers)     | 1.841207       |
| Decorative Closet Panel (unfinished, no louvers) | 1.841209       |
| Sound Isolation Panel                            | 1.841242       |

| Accessory Description | Catalog Number |
|-----------------------|----------------|
| 5.0 kW Heater Kit     | 29Y72          |
| 7.5 kW Heater Kit     | 29Y74          |
| 10 kW Heater Kit      | 29Y76          |

UNIT DIMENSIONS

| Air Handler Size | A (In) | B (In) | C (In) |
|------------------|--------|--------|--------|
| 18-37            | 22     | 18.75  | 31     |
| 39               | 22     | 18.75  | 35.5   |



1-800-448-5872

All specifications and illustrations subject to change without notice and without incurring obligations.