The Premier Upgrade for Any System

ADP hydronic air handlers offer several options for flexibility. They offer electric or hot water heat, as well as, standard or variable-speed motors. Our air handlers are thoroughly tested to ensure quality and deliver reliable ratings. ADP air handlers are the ideal choice for a variety of residential applications.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Side Return Option</td>
<td>Available on 12-36 BTUH models</td>
</tr>
<tr>
<td>Electric or Hot Water Heat</td>
<td>Provides options for heating requirements</td>
</tr>
<tr>
<td>Slide-out Blower Access</td>
<td>Slide-out blower assembly with multiple electrical connection locations</td>
</tr>
<tr>
<td>Easy Access Control Panel</td>
<td>Easy-to-access control panel and one-point electrical connections</td>
</tr>
<tr>
<td>Multiple Configurations</td>
<td>Upflow, horizontal, left and right configurations for installation flexibility</td>
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</tbody>
</table>
Multi-Function Controls
Easy to read plug and play multi-function control board, standard on all models.

Variable-Speed Option
Optional variable-speed high efficiency ECM motor for enhanced product performance.

Control Board Features:
- Controls both factory and field installed circulating pumps
- 24 VAC isolation valve control
- Auxiliary contacts for water heater or boiler activation
- Freeze protection activates at 40°F
- Thermostat connections
- 60 second time delay for blower activation
- 130°F aquastat time delay for blower activation (optional)
- Pump timer to meet local or national codes for water circulation

Variable-Speed Features & Benefits:
- Maintains selected CFM over wide range of static conditions
- Standard fan time delay feature
- Constant air circulation setting for improved IAQ
- LED display for visual indication of air volume

THE ADP ADVANTAGE

FLEXIBILITY  ADP tailors custom solutions to meet your market needs.
QUALITY  ADP proprietary testing technology ensures leak-free performance at the higher operating pressures of R-410A systems.
SERVICE  ADP air handlers are made for seamless installation and easy access.
ENERGY SAVINGS  Many models are available to achieve higher SEER levels for ENERGY STAR compliance, utility rebates, and federal tax credits.
WARRANTY  ADP air handlers come with a no hassle 5-year warranty and feature an available 10-year limited warranty. Simply register online at www.ADPwarranty.com.
## NOMENCLATURE

<table>
<thead>
<tr>
<th>B</th>
<th>C</th>
<th>R</th>
<th>M</th>
<th>A3</th>
<th>9</th>
<th>24</th>
<th>S</th>
<th>3P</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Blower Motor</td>
<td>Horizontal Drain Pan Position</td>
<td>Airflow Config.</td>
<td>Slab No.</td>
<td>Metering Device</td>
<td>Unit Size</td>
<td>Line Voltage Connection</td>
<td>Heat Kit Option</td>
<td>Voltage</td>
</tr>
<tr>
<td>B</td>
<td>C: 3-speed PSC motor</td>
<td>R: Right-hand</td>
<td>V: Vertical only</td>
<td>M: Multi-pos.</td>
<td>A1</td>
<td>A2</td>
<td>A3</td>
<td>etc.</td>
<td>A-coil:</td>
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<tr>
<td></td>
<td>V: Variable-speed high eff. ECM motor</td>
<td>O: No cooling coil</td>
<td></td>
<td></td>
<td>1: No cooling coil</td>
<td>2: Piston (R-410A)</td>
<td>3: Piston (R-22)</td>
<td>6: Non-bleed A/C TXV (R-410A)</td>
<td>7: Bleed HP-A/C TXV (R-410A)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12, 18, 24, 25, 30, 36 (Side return capable)</td>
<td></td>
<td></td>
<td>S: Stripped wire</td>
<td>T: Terminal block</td>
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### ADDITIONAL FEATURES

- **Filter rack door with thumb screws for easy access and replacement**
- **TXV with all threaded connections saves time in the field**
- **No brazing required**
- **Easy to replace hot water heat kits – available factory or field installed**

*See Spec Guide for additional nomenclature details.*

**Electric Heat**
- 00: No heat
- 02: 2.5 kW elec.
- 05: 5 kW elec.

**Hot Water Coil w/ Pump & Valve Assembly**
- 2P: 2 row hot water coil (sizes 12-30, 36)
- 3P: 3 row hot water coil (all sizes)
- 4P: 4 row hot water coil (sizes 31, 37-60)

**Hot Water Coil w/o Pump & Valve Assembly**
- 2N: 2 row hot water coil (sizes 12-30, 36)
- 3N: 3 row hot water coil (all sizes)
- 4N: 4 row hot water coil (sizes 31, 37-60)

**Line Voltage**
- 1: 208/240 V, 60 Hz, 1ph.
- 2: 120 V, 60 Hz, 1ph.
- 3: 120 V, 60 Hz, 1ph. & 130˚F aquastat