B Series
Multi-Position & Hydronic Air Handlers
The Premier Upgrade for Any System

Introducing B Series Multi-Position Air Handlers by ADP. Flexible options, including electric and hot water heat, standard and variable-speed motors, make this an ideal choice for many residential applications.

- Easy to replace hot water heat kits – available factory or field installed
- Two separate front panels for convenient access to internal components
- Side return option available on 12–36 BTUH models
- Filter rack door with thumb screws for easy access and replacement
- Standard sized fiberglass air filter included with every air handler
- Upflow, horizontal left & right configurations
- Left and right dual drain connections with multiple knock-outs offer a variety of installation options
Multi-Function Controls
Easy to read plug and play multi-function control board, standard on all models.

Control Board Features:
1. Controls both factory and field installed circulating pumps
2. 24 VAC isolation valve control
3. Auxiliary contacts for water heater or boiler activation
5. Thermostat connections
6. 60 second time delay for blower activation
7. 130°F aquastat time delay for blower activation (optional)

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

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 unique market needs.

QUALITY
ADP proprietary testing technology ensures leak-free performance at the higher operating pressures of R-410A systems.

SERVICE
ADP coils and 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
**Product Nomenclature**

**Series**
- B: Painted cabinet (taupe)

**Blower Motor**
- C: 3-speed PSC motor
- V: Variable-speed high efficiency ECM motor

**Horizontal Drain Pan Position**
- R: Right-hand
- O: No cooling coil

**Airflow Configuration**
- V: Vertical only
- M: Multi-position

**Metering Device**
- 0: No cooling coil
- 1: Piston (R-410A)
- 2: Piston (R-22)
- 6: Non-bleed A/C TXV (R-410A)
- 7: Bleed HP-A/C TXV (R-410A)
- 8: Bleed A/C TXV (R-410A)
- 9: Non-bleed HP-A/C TXV (R-410A)

**Slab Number**

**Voltage**
- 1: 208/240V, 60 Hz, 1ph.
- 3: 120V, 60 Hz, 1ph.
- 4: 120V, 60 Hz, 1ph. & 130°F aquastat

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

**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 Connection**

<table>
<thead>
<tr>
<th>Amount of Heat (kW)</th>
<th>S: Stripped wire</th>
<th>T: Terminal block</th>
<th>B: Circuit breaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>2.5</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>5</td>
<td>•</td>
<td>○</td>
<td>•</td>
</tr>
</tbody>
</table>

**Unit Size**
- Slant Coil: 12, 18, 24, 25, 30, 36 (Side Return Capable)
- A-coil: 31, 37, 42, 48, 60

**Air Handler Size**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>12</th>
<th>18</th>
<th>24</th>
<th>25</th>
<th>30</th>
<th>31</th>
<th>36</th>
<th>37</th>
<th>42</th>
<th>48</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>44</td>
<td>44</td>
<td>44</td>
<td>44</td>
<td>44</td>
<td>44</td>
<td>49</td>
<td>49</td>
<td>49</td>
<td>49</td>
<td>53</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depth (in)</th>
<th>12</th>
<th>18</th>
<th>24</th>
<th>25</th>
<th>30</th>
<th>31</th>
<th>36</th>
<th>37</th>
<th>42</th>
<th>48</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>26</td>
<td>26</td>
<td>26</td>
<td>26</td>
<td>26</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Width (in)</th>
<th>12</th>
<th>18</th>
<th>24</th>
<th>25</th>
<th>30</th>
<th>31</th>
<th>36</th>
<th>37</th>
<th>42</th>
<th>48</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>15</td>
<td>15</td>
<td>18 ½</td>
<td>18 ½</td>
<td>20</td>
<td>18 ½</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>22</td>
</tr>
</tbody>
</table>

Note: Horizontal drain pan position for slant coil models indicate that the opposing side of the cabinet is side air return capable. All air handlers with slant coils can be field converted to allow for either left- or right-side air return. Approved in state Commonwealth of Massachusetts.