

Product Guide B Series





Advanced Distributor Products™



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 I2–36 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.



Pump timer to meet local or national codes for water circulation

Control Board Features:

- I. 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. I 30°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

B Series air handlers feature an available 10-year limited warranty. Simply register online at www.adpwarranty.com.

Product Nomenclature^{ture}



 B: Painted cabinet (taupe) Blower Motor C: 3-speed PSC motor V: Variable-speed high efficiency ECM motor ^[1] Horizontal Drain Pan Position ^[2] R: Right-hand O: No cooling coil Airflow Configuration V: Vertical only ^[2] V: Vertical only ^[2] V: Vertical only ^[2] V: Vertical only ^[2] 		24 S 3P 3
Biower Mator C: 3-speed PSC motor Y: Variable-speed high efficiency ECM motor ^[13] Horizontal Drain Pan Position ^[24] R: Right-hand O: No cooling coil Airflow Configuration Y: Variable speed indy ^[2] Multi-position ^[3] Slab Number Metering Device ^[4] O: No cooling coil 1: Piston (R-410A) 2: Piston (R-420A) 3: Bleed HP-A/C TXV (R-410A) 9: Non-bleed APC TXV (R-410A) 9: Non-bleed HP-A/C TXV (R-410A) 9: Circuit breaker 9: Circuit breaker 10: Za S S Hot Water 10: Za S S Hot Water <tr< td=""><td>Series</td><td>Voltage ^{[5] [8]}</td></tr<>	Series	Voltage ^{[5] [8]}
Blower Motor 4: 120V, 60 Hz, 1ph. & 130°F aquasta C: 3-speed PSC motor 4: 120V, 60 Hz, 1ph. & 130°F aquasta With a speed high efficiency ECM motor (I) 0: No heat Horizontal Drain Pan Position (I) 0: No cooling coil Airflow Configuration 0: No cooling coil Y: Vertical only [I] 0: No twater coil (sizes 12-30, 36) Stab Number 9: 2 row hot water coil (sizes 12-30, 36) Metering Device [4] 0: No cooling coil 1: Piston (R-410A) 2: Piston (R-410A) 2: Bisted HP-A/C TXV (R-410A) 2: Stripped wire 1: Beed HP-A/C TXV (R-410A) 1: Terminal block 8: Bleed A/C TXV (R-410A) 2: Stripped wire 1: Terminal block 0: 0: optional Muti-position ariable in some unit sizes and some slab numbers; 0: 0: 0: 0 Hortwater sori muti-position configuration 0: 0: optional Wuti-position ariable in some unit sizes and some slab numbers; 0: 0: 0: 0 Hortwater sori muti-position configuration 0: 0: 0 4: 120V, 60 Hz, 1ph. & 130°F aquasta 0: 0: 0 2: 2: 5 kW electric 0: 0: 0 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0	B: Painted cabinet (taupe)	
C: 3-speed PSC motor W: Variable-speed high efficiency ECM motor III Horizontal Drain Pan Position III R: Right-hand O: No cooling coil Airflow Configuration Image: Configuration III Y: Variable-speed high efficiency ECM motor III Mithous Configuration Image: Configuration III Y: Vertical only III M: Multi-position III Slab Number Metering Device III Slab Number Image: Configuration IIII State Number Image: Configuration IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
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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) 9: Non-bleed HP-A/C TXV (R-410A) Yariable-speed motor option not available in some unit sizes and some slab numbers; see price sheet for availability S: Horizontal drain pans can be field installed as an accessory in vertical only air handlers for multi-position configuration Multi-position air handlers will have factory installed horizontal drain pan on right side 7 and 8 valve options available only for York family products Unit Size Hot water pump voltage will match the voltage of the unit	Netering Device [4]	4N: 4 row hot water coil (sizes 31, 37-60)
1: Piston (R-410A) 2: Piston (R-22) 6: Non-bleed A/C TXV (R-410A) 7: Bleed A/C TXV (R-410A) 8: Bleed A/C TXV (R-410A) 9: Non-bleed HP-A/C TXV (R-410A) 9: Non-bleed HP-A/C TXV (R-410A) S: Stripped wire T: Terminal block B: Circuit breaker Variable-speed motor option not available in some unit sizes and some slab numbers; see price sheet for availability S: Horizontal drain pans can be field installed as an accessory in vertical only air handlers will have factory installed horizontal drain pan on right side Terminal block 8: Circuit breaker O: optional Whiti-position air handlers will match the voltage of the unit Unit Size	0: No cooling coil	
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7: Bleed HP-A/C TXV (R-410A) 8: Bleed A/C TXV (R-410A) 9: Non-bleed HP-A/C TXV (R-410A) S: Stripped wire T: Terminal block Wariable-speed motor option not avaialble in some unit sizes and some slab numbers; see price sheet for availability S: Stripped wire Variable-speed motor option not avaialble in some unit sizes and some slab numbers; see price sheet for availability E: Circuit breaker Workport Image: Stripped wire Image: S: S: S: Horizontal drain pans can be field installed as an accessory in vertical only air handlers for multi-position configuration Image: S: S: S: Multi-position air handlers will have factory installed horizontal drain pan on right side Image: S: S: S: S: Y and 8 valve options available only for York family products Hot water pump voltage will match the voltage of the unit Unit Size Unit Size Image: S: Image: S: Image: S: Image: S:		
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7 and 8 valve options available only for York family products Hot water pump voltage will match the voltage of the unit Unit Size	Horizontal drain pans can be field installed as an accessory in vertical only	•: standard O: optional
Hot water pump voltage will match the voltage of the unit Unit Size	Multi-position air handlers will have factory installed horizontal drain pan on right side	
	All include time delay functionality	A-coil: 31, 37, 42, 48, 60

[8] All include time delay functionality

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.

Air Handler Size	12	18	24	25	30	31	36	37	42	48	60
Height (in)	44	44	44	48	48	49	48	49	49	49	53
Depth (in)	22	22	22	22	22	26	22	26	26	26	26
Width (in)	15	15	15	18 ½	18 1/2	20	18 1/2	20	20	20	22

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