



PRODUCT GUIDE

Hydronic, Multi-position

Premier Air Handler



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.



Side Return Option

Available on 12-36 BTUH models

Electric or Hot Water Heat

Provides options for heating requirements

Slide-out Blower Access

Slide-out blower assembly with multiple electrical connection locations

Easy Access Control Panel

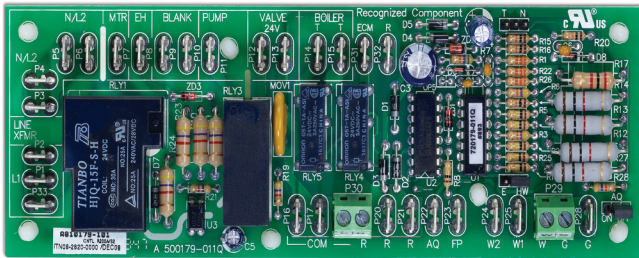
Easy-to-access control panel and one-point electrical connections

Multiple Configurations

Upflow, horizontal, left and right configurations for installation flexibility

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

B	C	R	M	A3	9	24	S	3P	3
Series	Blower Motor	Horizontal Drain Pan Position	Airflow Config.	Slab No.	Metering Device	Unit Size	Line Voltage Connection	Heat Kit Option	Voltage
B	C: 3-speed PSC motor V: Variable-speed high eff. ECM motor	R: Right-hand O: No cooling coil	V: Vertical only M: Multi-pos.	A1 A2 A3 etc.	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)	Slant Coil: 12, 18, 24, 25, 30, 36 <i>(Side return capable)</i> A-coil: 31, 37, 42, 48, 60	S: Stripped wire T: Terminal block B: Circuit breaker	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)	1: 208/240 V, 60 Hz, 1ph. 3: 120 V, 60 Hz, 1ph. 4: 120 V, 60 Hz, 1ph. & 130°F aquastat

* See Spec Guide for additional nomenclature details.

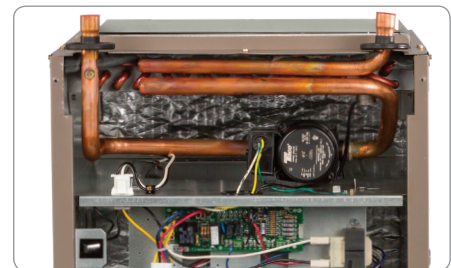
ADDITIONAL FEATURES



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

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2175 West Park Place Boulevard
Stone Mountain, Georgia 30087
www.adpnw.com

