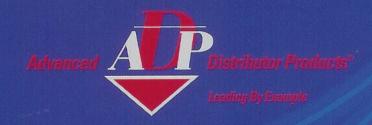
BC Series Air Handlers







BC Series Air Handlers

ADP Evaporator Coils and Air Handlers are manufactured in a 375,000 sq. ft. facility located in Grenada, MS. ADP's state-of-the-art facility offers ISO-9002 certified operations and an ETL approved Research and **Development Center. This** facility is another example of ADP's commitment to providing consistently high quality products for



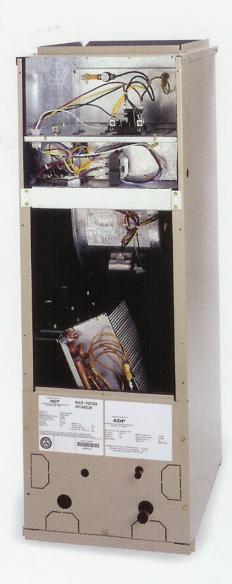
Common Features

- Florator, bleed or non-bleed A/C or HP expansion valve available factory installed, including R410a. Expansion valves also available as a kit for field installation.
- Filter rack with filter for bottom return side return rack available for slant coil models.
- All coils are individually pressure tested at 450 psi, then pressurized and sealed.
- Cabinet constructed of pre-painted heavy gauge steel to prevent corrosion. Lined with high quality 1" mat faced insulation.
- All field installed kits come with thorough easy to follow instructions.
- Rifled copper tubing.
- Patented lance fin design.
- Ratings in conformity with ARI Standard 210.
- Drain pans are molded of corrosion proof engineering polymer.
- Available voltages, 120 or 208/240-60-1.
- All Air Handlers are top handling (basiloid) packaged with bar coding and full description on label.
- Cooling fan time delay available as kit or factory installed.
- Easy to follow wiring diagrams on all Air Handlers.
- Dynamically balanced blowers for quiet vibration free operation.
- High efficiency 3 speed motors.
- Available from factory as dedicated upflow or upflow/horizontal.
 Field installed horizontal drain pan kit is also available.
- Five year warranty on coils and parts. See warranty form for details.



it's customers.

Leading By Example



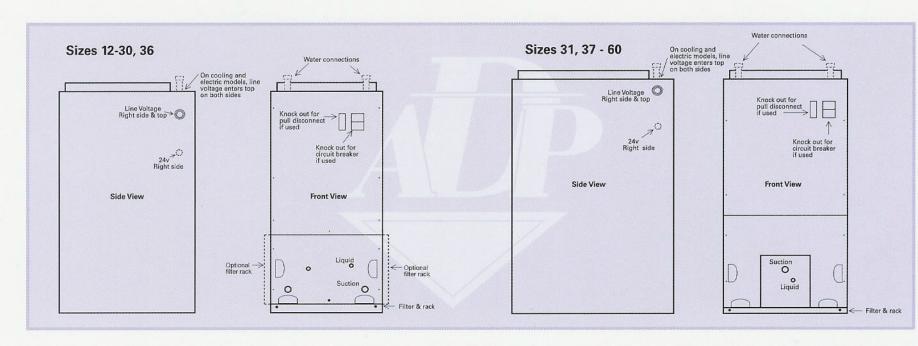
Electric & No Heat Additional Features

- Electrical connections can be made on top or right side.
- Electric heat available factory installed or in kit for field installation.
- Available voltages, 120 or 208/240-60-1.
 208/240-60-1 is only on electric heat models.
- Water coil kits with or without pump can be quickly installed in no heat models.

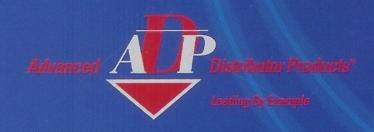
Water Heat Additional Features

- •Water heating coils available factory installed in 2, 3 or 4 row (with or without pump).
- Models include blower door safety switch as standard.
- Installation instructions include popular zone control connections for easy installation.
- Pump timer kit available for domestic water installations.
- Standard heating blower time delay. Allows water coil to warm before starting blower.
- Separate set of contacts on heating relay for external interface with boiler relay, zone valve, etc.
- If necessary, water coil easily slides out for replacement.





	0.	kW (multiply the kW by 3413 for actual btuh output)										
	Size	5	7.5	10	12.5	15	17.5	20	22.5	25		
S	12	*										
ZE	18	*	*	*								
SIZES	24	*	*	*	*			N.				
HEAT	25	*	*	*	*							
/E/	30	*	*	*	-*-	*	*					
<u>エ</u>	31	*	*	*	*	*	*					
E	36	*	*	*	*	*	*	*	*			
ᇈ	37	*	*	*	*	*	*	*	*			
ELECTRIC	42		*	*	*	*	*	*	*			
П	48		*	*	*	*	*	*	*	*		
	49		*	*	*	*	*	*	*	*		
	60			*	*	*	*	*	*	*		



For more information:

Phone 1-800-848-2270

Fax 770-465-5599

2175 West Park Place Blvd.

Stone Mountain, GA 30087

www.adpnow.com

	Size	Width	Depth	Height	Supply D	uct Conn.	Return D	Air Filter	
					Width	Depth	Width	Depth	Size
TY ST	12	15"	22"	44"	13 ¹ /2"	17"	10 ¹ /4"	17 ¹ /4"	12 x 20
SIONS	18	15"	22"	44"	13 ¹ /2"	17"	10 ¹ /4"	17 ¹ /4"	12 x 20
	24	15"	22"	44"	13 ¹ /2"	17"	10 1/4"	17 ¹ /4"	12 x 20
	25	18 ¹ /2"	22"	48"	17"	17"	14"	17 ¹ /4"	16 x 20
Sic	30	18 ¹ /2"	22"	48"	17"	17"	14"	17 ¹ /4"	16 x 20
MEN	31	20"	26"	49"	18 ¹ /2"	21"	15 ³ /4"	22"	18 x 25
Ē	36	18 ¹ /2"	22"	48"	17"	17"	14"	22"	16 x 20
5	37	20"	26"	49"	18 ¹ /2"	21"	15 ³ /4"	22"	18 x 25
	42	20"	26"	49"	18 ¹ /2"	21"	15 ³ /4"	22"	18 x 25
	48	20"	26"	49"	18 ¹ /2"	21"	15 ³ /4"	22"	18 x 25
	49	22"	26"	53"	20 1/2"	21"	17 ³ /4"	22"	20 x 25
	60	22"	26"	53″ ·	20 1/2"	21"	17 ³ /4"	22"	20 x 25

0:	DX Coil	(1)Available	Motor	Motor Amps		Nominal	Refrigerant Conn.		Drain	Water	
Size	Type	Voltages	HP	120 208/240		CFM	Suc.	Liq.	Conn.	Conn.	
12	Slant	120 or 208/240 1Ph.	1/5	2.0	1.1	400	3/4"	3/8"	3/4" FPT	7/8" ODF	
18	Slant	120 or 208/240 1Ph.	1/5	2.0	1.1	600	3/4"	3/8"	3/4" FPT	7/8" ODF	
24	Slant	120 or 208/240 1Ph.	1/5	3.7	1.9	800	3/4"	3/8"	3/4" FPT	7/8" ODF	
25	Slant	120 or 208/240 1Ph.	1/3	4.2	2.2	800	3/4"	3/8"	3/4" FPT	7/8" ODF	
30	Slant	120 or 208/240 1Ph.	1/3	4.2	2.2	1000	3/4"	3/8"	3/4" FPT	7/8" ODF	
31	"A"	120 or 208/240 1Ph.	1/3	5.6	2.6	1000	7/8"	3/8"	3/4" FPT	1 ¹ /8" ODF	
36	Slant	120 or 208/240 1Ph.	1/3	5.6	2.6	1200	3/4"	3/8"	3/4" FPT	7/8" ODF	
37	"A"	120 or 208/240 1Ph.	1/3	5.6	2.6	1200	7/8"	3/8"	3/4" FPT	1 ¹ /8" ODF	
42	"A"	120 or 208/240 1Ph.	1/2	5.6	3.0	1400	7/8"	3/8"	3/4" FPT	1 ¹ /8" ODF	
48	"A"	120 or 208/240 1Ph.	1/2	8.5	4.0	1600	7/8"	3/8"	3/4" FPT	1 ¹ /8" ODF	
49	"A"	120 or 208/240 1Ph.	3/4	9.0	4,3	1600	7/8"	3/8"	3/4" FPT	1 ¹ /8" ODF	
60	"A"	120 or 208/240 1Ph.	3/4	9.0	4.3	2000	7/8"	3/8"	3/4" FPT	1 ¹ /8" ODF	
	18 24 25 30 31 36 37 42 48	12 Slant 18 Slant 24 Slant 25 Slant 30 Slant 31 "A" 36 Slant 37 "A" 42 "A" 48 "A" 49 "A"	Size Type Voltages 12 Slant 120 or 208/240 1Ph. 18 Slant 120 or 208/240 1Ph. 24 Slant 120 or 208/240 1Ph. 25 Slant 120 or 208/240 1Ph. 30 Slant 120 or 208/240 1Ph. 31 "A" 120 or 208/240 1Ph. 36 Slant 120 or 208/240 1Ph. 37 "A" 120 or 208/240 1Ph. 42 "A" 120 or 208/240 1Ph. 48 "A" 120 or 208/240 1Ph. 49 "A" 120 or 208/240 1Ph.	Size Type Voltages HP 12 Slant 120 or 208/240 1Ph. 1/5 18 Slant 120 or 208/240 1Ph. 1/5 24 Slant 120 or 208/240 1Ph. 1/5 25 Slant 120 or 208/240 1Ph. 1/3 30 Slant 120 or 208/240 1Ph. 1/3 31 "A" 120 or 208/240 1Ph. 1/3 36 Slant 120 or 208/240 1Ph. 1/3 37 "A" 120 or 208/240 1Ph. 1/3 42 "A" 120 or 208/240 1Ph. 1/2 48 "A" 120 or 208/240 1Ph. 1/2 49 "A" 120 or 208/240 1Ph. 3/4	Size Type Voltages HP 120 12 Slant 120 or 208/240 1Ph. 1/5 2.0 18 Slant 120 or 208/240 1Ph. 1/5 2.0 24 Slant 120 or 208/240 1Ph. 1/5 3.7 25 Slant 120 or 208/240 1Ph. 1/3 4.2 30 Slant 120 or 208/240 1Ph. 1/3 5.6 31 "A" 120 or 208/240 1Ph. 1/3 5.6 36 Slant 120 or 208/240 1Ph. 1/3 5.6 37 "A" 120 or 208/240 1Ph. 1/3 5.6 42 "A" 120 or 208/240 1Ph. 1/2 5.6 48 "A" 120 or 208/240 1Ph. 1/2 8.5 49 "A" 120 or 208/240 1Ph. 3/4 9.0	Size Type Voltages HP 120 208/240 12 Slant 120 or 208/240 1Ph. 1/5 2.0 1.1 18 Slant 120 or 208/240 1Ph. 1/5 2.0 1.1 24 Slant 120 or 208/240 1Ph. 1/5 3.7 1.9 25 Slant 120 or 208/240 1Ph. 1/3 4.2 2.2 30 Slant 120 or 208/240 1Ph. 1/3 4.2 2.2 31 "A" 120 or 208/240 1Ph. 1/3 5.6 2.6 36 Slant 120 or 208/240 1Ph. 1/3 5.6 2.6 37 "A" 120 or 208/240 1Ph. 1/3 5.6 2.6 42 "A" 120 or 208/240 1Ph. 1/2 5.6 3.0 48 "A" 120 or 208/240 1Ph. 1/2 8.5 4.0 49 "A" 120 or 208/240 1Ph. 3/4 9.0 4.3	Size Type Voltages HP 120 208/240 CFM 12 Slant 120 or 208/240 1Ph. 1/5 2.0 1.1 400 18 Slant 120 or 208/240 1Ph. 1/5 2.0 1.1 600 24 Slant 120 or 208/240 1Ph. 1/5 3.7 1.9 800 25 Slant 120 or 208/240 1Ph. 1/3 4.2 2.2 800 30 Slant 120 or 208/240 1Ph. 1/3 4.2 2.2 1000 31 "A" 120 or 208/240 1Ph. 1/3 5.6 2.6 1000 36 Slant 120 or 208/240 1Ph. 1/3 5.6 2.6 1200 37 "A" 120 or 208/240 1Ph. 1/3 5.6 2.6 1200 42 "A" 120 or 208/240 1Ph. 1/2 5.6 3.0 1400 48 "A" 120 or 208/240 1Ph. 1/2 8.5 4.0 1600 49 <td< td=""><td>Size Type Voltages HP 120 208/240 CFM Suc. 12 Slant 120 or 208/240 1Ph. 1/5 2.0 1.1 400 3/4" 18 Slant 120 or 208/240 1Ph. 1/5 2.0 1.1 600 3/4" 24 Slant 120 or 208/240 1Ph. 1/5 3.7 1.9 800 3/4" 25 Slant 120 or 208/240 1Ph. 1/3 4.2 2.2 800 3/4" 30 Slant 120 or 208/240 1Ph. 1/3 4.2 2.2 1000 3/4" 31 "A" 120 or 208/240 1Ph. 1/3 5.6 2.6 1000 7/8" 36 Slant 120 or 208/240 1Ph. 1/3 5.6 2.6 1200 3/4" 37 "A" 120 or 208/240 1Ph. 1/3 5.6 2.6 1200 7/8" 42 "A" 120 or 208/240 1Ph. 1/2 5.6 3.0 1400 7/8"</td><td>Size Type Voltages HP 120 208/240 CFM Suc. 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Electric heat models only

	GPM	120°F				140°F		180°F			
Size		2 Row	3 Row	4 Row	2 Row	3 Row	4 Row	2 Row	3 Row	4 Row	
10	2	11,639	14,528		16,452	20,495		26,217	32,564		
12	3	12,536	15,582		17,683	21,942		28,091	34,771		
10	2	13,997	17,826		19,823	25,194		31,687	40,145		
18	3	15,396	19,636		21,757	27,701		34,659	44,014		
0.4	2	15,683	20,160		22,240	28,524		35,621	45,532		
24	3	17,552	22,659		24,793	32,004		39,573	50,947		
0.5	2	17,227	21,309		24,529	30,149		39,359	48,121		
25	3	19,588	24,501		27,747	33,970		44,360	54,007		
	3	20,523	26,156		29,072	36,982		46,482	58,963		
30	4	22,035	28,187		31,163	39,801		49,705	63,331		
0.4	3		28,726	33,478		40,610	47,246		64,735	75,121	
31	4		31,055	36,193		43,847	51,024		69,759	80,995	
	3	21,997	28,137		31,155	39,809		49,872	63,537		
36	4	23,750	30,578		33,616	43,208		53,678	68,827		
	3		31,014	36,329		43,874	51,301		70,015	81,645	
37	4		33,856	39,751		47,838	56,080		76,197	89,117	
	4		36,190	42,707		51,167	60,284		81,575	95,879	
42	5		38,464	45,457		54,329	64,115		86,486	101,845	
10	4		40,722	45,204		53,996	63,834		86,149	101,952	
48	5		39,807	48,409		57,617	68,310		91,792	108,588	
	4		39,807	46,837		56,267	66,098		89,678	105,091	
49	5		42,517	50,156		60,046	70,734		95,569	112,342	
	4		43,229	51,065		61,145	72,104		97,555	114,739	
60	5		46,570	55,271		65,818	77,999		104,879	124,009	