



## Air Handling Unit

# Reliable & Affordable Comfort

## AIR HANDLING UNIT HIGHLIGHTS

### CABINET

Galvanized steel, with powder paint on all panels.

### COIL

"A" shape coils, constructed with copper tubing and enhanced aluminum fins.

### EXPANSION DEVICE

Use TXV as expansion device (air handler)

### DRAIN PAN

Durable non corrosive plastic drain pans.

### DRAINAGE DESIGN

Primary and secondary drainage design.

### MOTOR

Direct drive motors, 3-speed, provide selections of air flow to meet desired applications.

### BLOWER

Slide out blower assembly for easy maintenance.

### MULTI-POSITION INSTALLATION

Versatile 4-way convertible design for vertical up and down airflow, horizontal right and left airflow.

### CONTROL

24V control, time delay relay, fan relay and transformer included.



18K, 24K, 36K, 48K & 60K BTU

Model		AIDC2400NG1-D	AIDC3000NG1-D	AIDC3600NG1-D	AIDC4200NG1-D	AIDC4800NG1-D	AIDC6000NG1-D	
Power Supply	V/Ph/Hz	208~230V/1N/60Hz	208~230V/1N/60Hz	208~230V/1N/60Hz	208~230V/1N/60Hz	208~230V/1N/60Hz	208~230V/1N/60Hz	
Cooling Capacity	Btu/h	24000	30000	34500	42000	48000	56500	
	SEER	14	14	14	14	14	14	
Indoor External Static Pressure	Pa	25	37	37	37	50	50	
Throttle Type		TXV	TXV	TXV	TXV	TXV	TXV	
Indoor Coil	Number of Row	4(row)×2(piece)	4(row)×2(piece)	4(row)×2(piece)	4(row)×2(piece)	5(row)×2(piece)	5(row)×2(piece)	
	Tube Pitch(a)x row Pitch(b)	7/8 × 1/2	7/8 × 1/2	0.83×0.53	0.83×0.53	0.83×0.53	0.83×0.53	
	Fin Spacing	1/16	44577	1/16	44577	1/16	1/16	
	Fin Material	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	
	Tube Outside Diameter	in	¼	Φ ¼	¼	Φ ¼	¼	
	Tube Material	in	inner grooved	inner grooved	inner grooved	inner grooved	inner grooved	
Coil Height x Length x Width	in	16 17/32×17 7/16×2 7/64			19 27/32×21 1/2×2 5/8			
Number of Circuit		8	8	8	8	12	12	
Indoor Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC	
	Input	Amp	0.94	1.31	1.81	2.1	2.63	
	Output	Amp	0.61	0.82	1	1.23	1.36	
	Capacitor	µF	6	6	10	10	12	
	Speed (Lo/Me/Hi)	rpm	490/530/570	530/600/670	690/730/805	610/723/839	820/870/920	
Blower	Diameter	in	12/5/2016	12/5/2016	12/5/2016	12/5/2016	12/5/2016	
	Width	in	12/29/1932	12/29/1932	12/29/1932	12052	12/29/1932	
Indoor Air Flow	CFM	738/804/938	919/1060/1204	1161/1235/1376	1208/1385/1562	1434/1574/1695	1434/1574/1695	
Indoor Noise Level	Unit (HxWxD)	in	45-3/4×19-2/3×22			53-1/8×22×24-1/2		
	Packing (HxWxD)	in	47.63×22.83×25.59			54.72×25.20×27.95		
Indoor Unit	Net/Gross Weight	lbs	130/141	132/143	134/146	137/148	176/190	

Note: The above data may be changed without notice for future improvement on quality and performance.

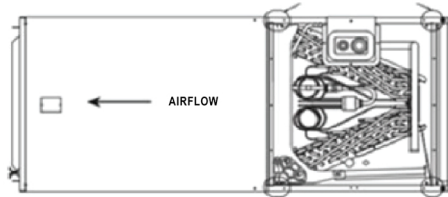
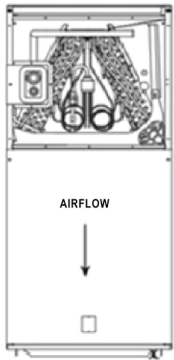
## Product Dimensions

Model Size	Height (in)	With (in)	Depth (in)	Supply Duct (in)	Liquid Line / Vapor Line (in)
24K	45-3/4	19-2/3	22	17-7/8	3/8   3/4
30K	45-3/4	19-2/3	22	17-7/8	3/8   3/4
36K	45-3/4	19-2/3	22	17-7/8	3/8   3/4
42K	45-3/4	19-2/3	22	17-7/8	3/8   3/4
48K	53-1/8	22	24 -1/2	19-1/2	3/8   7/8
60K	53-1/8	22	24 -1/2	19-1/2	3/8   7/8

Note: All dimensions are subject to change without notice.

**Quality & Value  
made simple!**

## Multi Positions Air Handling Unit



**Orlando** 407-270-9670    **Kissimmee** 407-530-5599    **Tampa** 813-559-7300