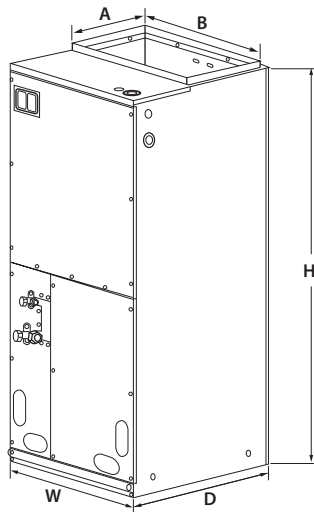


FXD-ACD

Models - Indoor Unit (Air Handler)

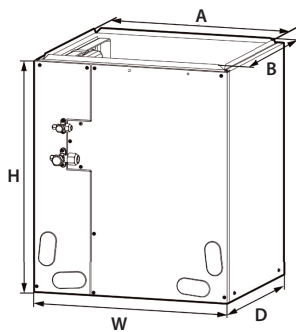
Product #		AH224	AH236	AH248	AH260		
Electrical data	Power supply	V / Ph / Hz	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60	
	Supply	Cooling	W	145	180	300	420
	Input current	Cooling	A	1.10	1.33	2.13	2.74
	Max. over-current protection (MOCP)		A	15	15	15	15
	Voltage min./max.		V	187 / 253	187 / 253	187 / 253	187 / 253
Sound level		dB (A)	55	57	58	61	
Refrigerant	Type		R410A				
	Control		Thermal expansion valve				
ENERGY STAR			✓	-	-	-	
Air flow		cfm	960	1000	1380	1600	
		m ³ /hr	1630	1700	2350	2720	
HPS (High Static Pressure)	Nominal	Pa	25	37	50	50	
		inH ₂ O	0.1	0.148	0.2	0.2	
	Range	Pa	0 to 250	0 to 250	0 to 250	0 to 250	
		inH ₂ O	0 to 1	0 to 1	0 to 1	0 to 1	
Fan motor	Model		B-FGZ370C	B-FGZ370C	B-FGZ750C	B-FGZ750C	
	Transmission type		Direct transmission				
	Speed	RPM	750	820	840	920	
	Electric power	W	0.5	0.5	1	1	
	Full load current (FLA)	A	3	3	5	5	
Fan	Type		Centrifugal				
	Quantity		1				
Evaporator	Material		Copper tube with inner groove – Aluminum fins				
	Surface area	sq. ft. (m ²)	4.09 (0.38)	4.09 (0.38)	5.49 (0.51)	5.49 (0.51)	
	Pipe diameter	in.	3/8	3/8	3/8	3/8	
	Fins type		Hydrophilic				
	Dimension (L x H x l)	in.	16 5/16 x 2 x 18	16 5/16 x 2 x 18	16 5/16 x 3 1/2 x 24	16 5/16 x 3 1/2 x 24	
Operating temperature (cooling)		°C (°F)	18 to 27 (64.4 to 80.6)				
System operation control			Wired controller				
Dimension	Unit only (L x H x l)	in.	21 1/4 x 48 1/4 x 21 1/4	21 1/4 x 48 1/4 x 21 1/4	24 3/4 x 57 x 21 1/4	24 3/4 x 57 x 21 1/4	
		mm	660 x 603 x 1280	660 x 603 x 1280	693 x 660 x 1508	693 x 660 x 1508	
Weight	Net	lb (kg)	156 (71)	156 (71)	178 (81)	178 (81)	
	Gross	lb (kg)	170 (77)	170 (77)	192 (87)	192 (87)	



Indoor Unit Air Handler	W		D		H		A		B	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
AH224	21 1/4	540	21 1/4	540	48 1/4	1225	11 5/8	295	20	508
AH236	24 3/4	630	21 1/4	540	57	1448	11 5/8	295	20	508
AH248										
AH260										

Models - Indoor Unit (Cased Coil)

Product #	Indoor Unit Outdoor Unit	GCAT24F-NAA FXD-ACD36	GCAT36F-NAA FXD-ACD36	GCAT48H-NAA FXD-ACD60	GCAT60H-NAA FXD-ACD60
Technical Performance					
Power supply		V / Ph / Hz 208-230 / 1 / 60			
Cooling capacity	Nominal	W (BTU/hr) 24000	36000	48000	54000
	Min. – max.	W (BTU/hr) 3517 - 7034 (12000 - 24000)	5275 - 10844 (18000 - 37000)	9964 - 14067 (34000 - 48000)	10257 - 15826 (35000 - 54000)
Heating capacity	Nominal	W (BTU/hr) 24000	36000	48000	54000
	Min. – max.	W (BTU/hr) 3517 - 8792 (12000-30000)	5275 - 11137 (18000-38000)	9964 - 15240 (34000 - 52000)	10257 - 17584 (35000 - 60000)
SEER2	-	15.2	15.2	15.2	15.2
HSPF2	-	8.5	8.5	8.5	8.5
EER2		W/W 11	9.5	10	9.5
COP		W/W 4.2	3.5	3.6	3.5
AHRI number	-	213164338	213164339	213164340	213164341
ENERGY STAR	-	✓	-	-	-
Indoor Unit					
Dehumidification		L/hr (pt/hr) 2.85 (6.03)	4.58 (9.68)	4.70 (9.94)	5.74 (12.13)
Air flow volume	Max.	cfm 800	1000	1230	1510
Product dimension	L x H x l	in. 17 1/2 x 23 x 21 1/4 (mm) (445 x 585 x 540)	17 1/2 x 23 x 21 1/4 (445 x 585 x 540)	24 1/2 x 28 1/2 x 21 1/4 (622 x 725 x 540)	24 1/2 x 28 1/2 x 21 1/4 (622 x 725 x 540)
Package dimension	L x H x l	in. 21 x 25 13/16 x 27 1/8 (mm) (535 x 655 x 690)	21 x 25 13/16 x 27 1/8 (535 x 655 x 690)	28 1/8 x 31 5/16 x 27 1/8 (714 x 795 x 689)	28 1/8 x 31 5/16 x 27 1/8 (714 x 795 x 689)
Refrigerant charge		oz 8.8	8.8	8.8	8.8
Weight	Net	lb (kg) 64 (29)	64 (29)	95 (43)	95 (43)
	Gross	lb (kg) 75 (34)	75 (34)	110 (50)	110 (50)
Pre-charge length		ft. (m) 31 (9.5)	31 (9.5)	31 (9.5)	31 (9.5)
Additional refrigerant charge		oz/ft. (g/m) 0.32 (29)	0.32 (29)	0.32 (29)	0.32 (29)
Liquid pipe outer diameter		in. 3/8	3/8	3/8	3/8
Gas pipe outer diameter		in. 3/4	3/4	3/4	3/4
Maximum length between outdoor and indoor units		ft. (m) 164 (50)	164 (50)	164 (50)	164 (50)
Maximum pipe height between outdoor and indoor units		ft. (m) 100 (30)	100 (30)	50 (15)	50 (15)



Indoor Unit Cased Coil	W		D		H		A		B	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
GCAT24F-NAA	17 1/2	445	21 1/4	540	23	585	15 7/8	405	19 3/8	492
GCAT36F-NAA	17 1/2	445	21 1/4	540	23	585	15 7/8	405	19 3/8	492
GCAT48H-NAA	24 1/2	622	21 1/4	540	28 1/2	725	22 7/8	580	19 3/8	492
GCAT60H-NAA	24 1/2	622	21 1/4	540	28 1/2	725	22 7/8	580	19 3/8	492