

# High Static Model

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ACHA060L4-ACHA200L4



## Fan Coil Units

### Ceiling Concealed Series

Model No.			ACHA060L4	ACHA080L4	ACHA100L4	ACHA120L4	
Air flow rate		H/M/L	CFM	600/450/300	800/600/400	1000/600/450	1200/800/650
Capacity	Cooling	H/M/L	KW	5.12	6.57	8.33	9.65
			BTU/hr	17,500	22,400	28,400	33,000
	Heating	H/M/L	KW	5.28	6.54	8.07	9.2
			BTU/hr	18,000	22,300	27,500	31,400
Water flow rate			gpm	3	4	5	6
Water pressure drop		Cooling	kPa	6.7	11.2	18.4	25.4
		Heating	kPa	2.4	4.1	6.7	9.2
Cooling	Coil	Tube size	inch	3/8			
		Number of row	-	4			
		Number of tubes for row	-	12			
		Fin Per Inch	FPI	12			
Heating	Coil	Tube size	inch	3/8			
		Number of row	-	2			
		Number of tubes for row	-	12			
		Fin Per Inch	FPI	12			
Fan		Type	-	Forward centrifugal			
		Material	-	Galvanized steel			
		Number	-	2			
		External static pressure	Pa	100			
		Number of motor	-	1			
Pipe connection		Inlet	inch - mm	1 - 32			
		Outlet	inch - mm	1 - 32			
		Drain	inch - mm	1/2 - 22			
Drain pan		Type	-	Internal			
		Material	-	Galvanized steel with electrostatic powder coated			
		Insulator	-	Elastomeric			
Filter		Type	-	Washable			
		Material	-	Polypropylene			
Fresh air intake hole			inch - mm	4 - 110			
Sound pressure level		Max	dB(A)	47	51	53	
Input power			W	1x 250 - 450			
Power supply			PH , V , Hz	1 , 220 , 50			
Dimension		WxHxD	mm	845x320x750			945x320x750

- Cooling design condition; inlet / outlet water temp: 7 °C (45 °F) / 12 °C (54 °F) and inlet air temp; DB=27 °C (80 °F) , WB=20 °C (67 °F) , sea level: 4000 ft
- Heating design condition; inlet water temp: 60 °C (140 °F) and inlet air temp: 27 °C (80 °F) , sea level: 4000 ft
- Measuring sound pressure level at high speed mode at 2m away and ±2dB tolerance.
- Fan coil pipes connection side can be selected by the customer.

According to our innovation policy, some specifications may be change without prior notification.

## Fan Coil Units

### Ceiling Concealed Series

Model No.			ACHA140L4	ACHA160L4	ACHA180L4	ACHA200L4	
Air flow rate		H/M/L	CFM	1400/1000/800	1600/1200/1000	1800/1400/1200	2000/1600/1400
Capacity	Cooling	H/M/L	KW	12.06	13.99	15.82	17.77
			BTU/hr	41,200	47,700	54,000	60,600
	Heating	H/M/L	KW	11.31	12.62	14.55	15.86
			BTU/hr	38,600	43,100	49,600	54,100
Water flow rate			gpm	7	9	9	11
Water pressure drop		Cooling	kPa	41.43	64.65	77.14	110
		Heating	kPa	15.2	23.6	28.4	40.4
Cooling	Coil	Tube size	inch	3/8			
		Number of row	-	4			
		Number of tubes for row	-	12			
		Fin Per Inch	FPI	12			
Heating	Coil	Tube size	inch	3/8			
		Number of row	-	2			
		Number of tubes for row	-	12			
		Fin Per Inch	FPI	12			
Fan	Type	-	Forward centrifugal				
	Material	-	Galvanized steel				
	Number	-	2		3		
	External static pressure	Pa	100				
	Number of motor	-	1		2		
Pipe connection	Inlet	inch - mm	1 - 32				
	Outlet	inch - mm	1 - 32				
	Drain	inch - mm	1/2 - 22				
Drain pan	Type	-	Internal				
	Material	-	Galvanized steel with electrostatic powder coated				
	Insulator	-	Elastomeric				
Filter	Type	-	Washable				
	Material	-	Polypropylene				
Fresh air intake hole		inch - mm	4 - 110				
Sound pressure level	Max	dB(A)	54		57	60	
Input power		W	1x 250 - 450		2x 250 - 450		
Power supply		PH , V , Hz	1 , 220 , 50				
Dimension		WxHxD	1195x320x750		1445x320x750		

- Cooling design condition; inlet / outlet water temp: 7 °C (45 °F) / 12 °C (54 °F) and inlet air temp; DB=27 °C (80 °F) , WB=20 °C (67 °F) , sea level: 4000 ft
- Heating design condition; inlet water temp: 60 °C (140 °F) and inlet air temp: 27 °C (80 °F) , sea level: 4000 ft
- Measuring sound pressure level at high speed mode at 2m away and ±2dB tolerance.
- Fan coil pipes connection side can be selected by the customer.

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