

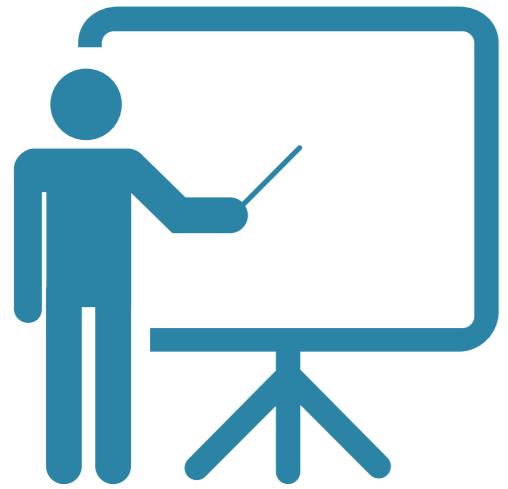
AER~~COIL~~COIL

Fan Coil Units

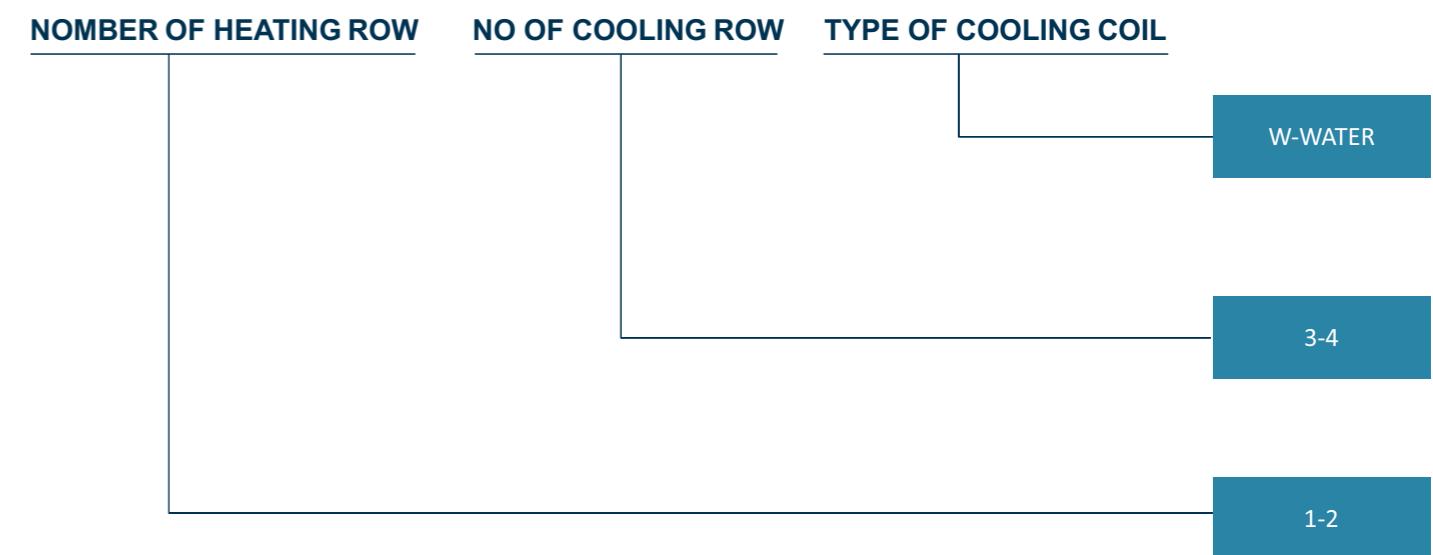
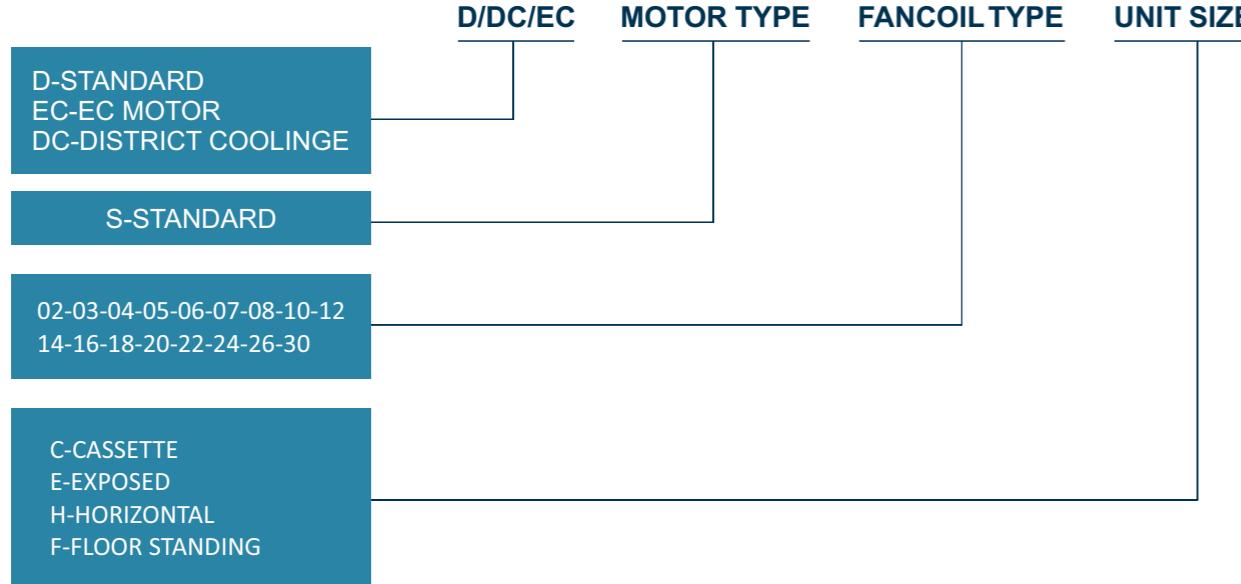
DUBAI

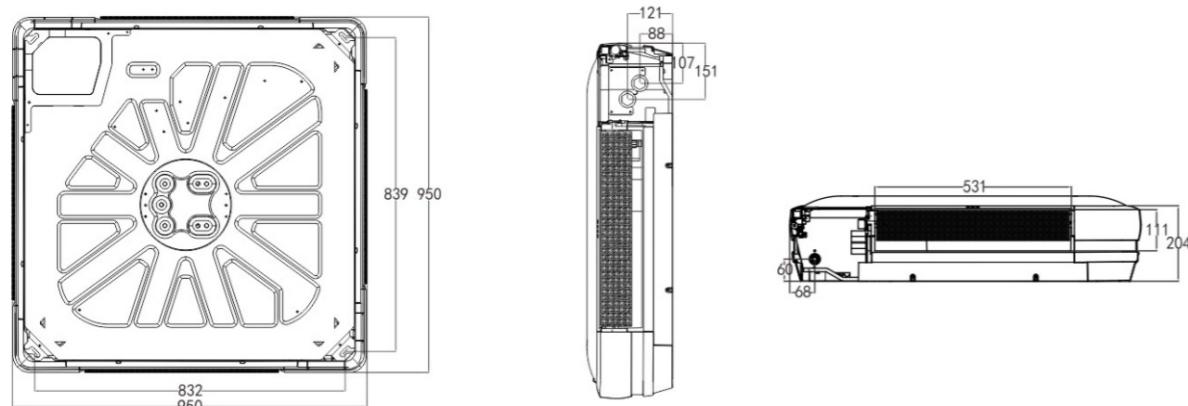
[www.aero-coil.com](http://www.aero-coil.com)





## HOW TO READ THE MODEL NAME





NUMBER 1

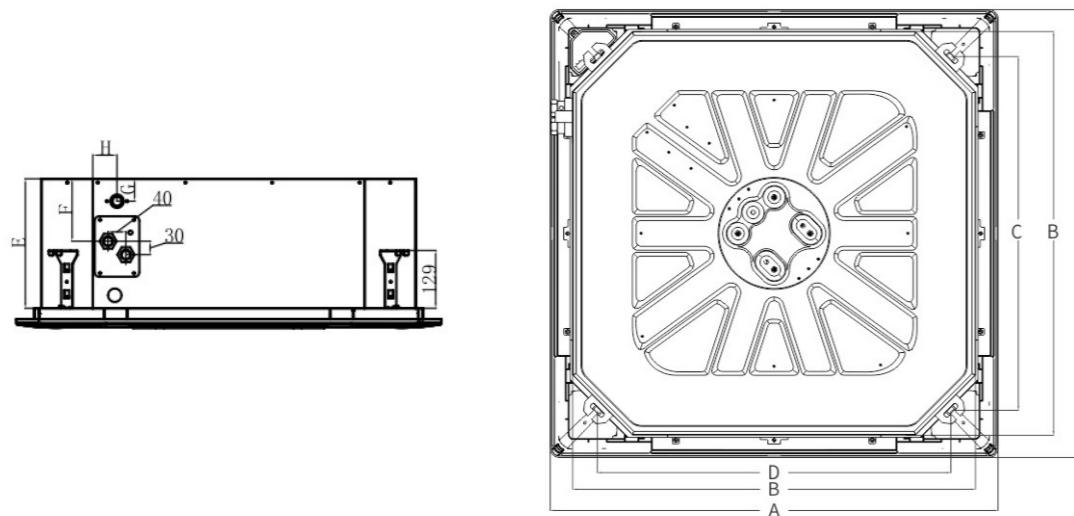
**Exposed-Type Fan Coil Unit (Free Installation)  
Chilled Water / Cassette Type**

Technical Data								
Model			8	10	12	14		
Air Flow	H	CFM	800	1000	1200	1400		
	M		600	750	900	1050		
	L		400	500	600	700		
Cooling Capacity	H	kW	7.2	9	10.8	12.6		
	M		5.76	7.2	8.64	10.08		
	L		4.32	5.4	6.48	7.56		
Water Flow Rate		gpm	5.28	7.26	8.14	9.46		
		kPa	40	40	40	50		
Heating Capacity @ 60 °C	H	kW	10.8	13.5	16.2	18.9		
	M		8.64	10.8	12.96	15.12		
	L		6.48	8.1	9.72	11.34		
Fan	Type				Centrifugal Wheel			
	Dia.	mm			Ø 476			
	QTY.				1			
Electric Parameter	Power Supply	V/Ph/HZ	220V/1/50					
	Input Power	w	130	147	183	221		
	Current	A	0.59	0.67	0.83	1.00		
	Sound Pressure	dB(A)	46	48	50	52		
	Water Connection	In	in	ZG 3/4"				
		Out	in	ZG 3/4"				
	Drain Pipe (OD)	mm			26			
	Control Mode			Wireless remote control and wired wall pad optional				
	Unit Dim (L*W*H)		mm	887*887*204				

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



NUMBER 2

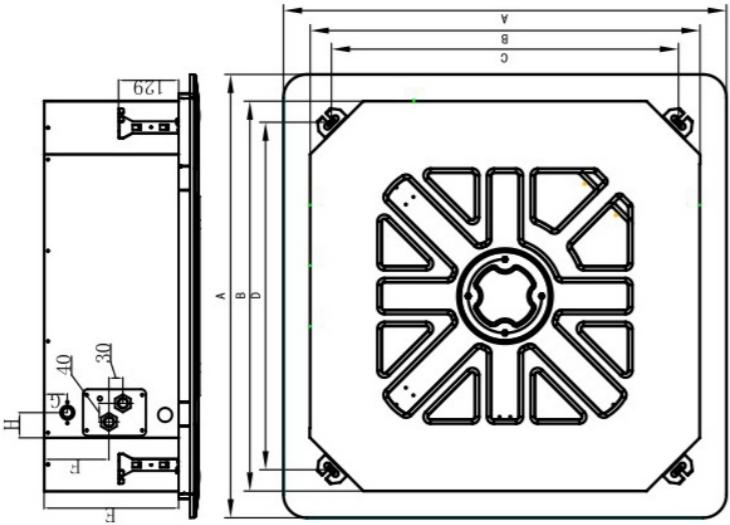
**8-Way Cassette Fan Coil Unit – Series E**  
**Chilled Water / Cassette Type**  
 Spiral centrifugal fan with 3-speed motor; 5-speed motor available as option

Model			Technical Data											
Air Flow		CFM	02	03	04	05	06	07	08	10	12	14		
			200	300	400	500	600	700	800	1000	1200	1400		
			150	225	300	375	450	525	600	750	900	1050		
Cooling Capacity	Total Cooling	kW	1.00	1.50	2.00	2.50	3.00	3.50	4.00	5.00	6.00	7.00		
	H	kW	1.8	2.7	3.6	4.5	5.4	6.3	7.2	9	10.8	12.6		
	M	kW	1.44	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08		
Heating Capacity @ 60 °C	Water Flow Rate	gpm	1.08	1.62	2.16	2.7	3.24	3.78	4.32	5.4	6.48	7.56		
	Water Pressure Drop	kPa	1.41	2.2	2.69	3.43	4.14	4.84	5.28	7.26	8.15	9.47		
	L	kW	30	30	30	30	40	40	40	40	40	50		
Fan	Total Heating	kW	2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9		
	H	kW	2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12		
	M	kW	1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34		
Electric Parameter	Type		Centrifugal Fan								φ 476			
	Dia.	mm	φ 380								φ 476			
	QTY.		1								220V/1/50			
Sound Pressure	Power Supply	V/Ph/Hz	220V/1/50								220V/1/50			
	Input Power	w	36	50	60	74	93	112	130	147	183	221		
	Current	A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00		
Control Mode	dB(A)	37	39	41	43	45	46	46	48	50	52			
	Water Connection	In	in						ZG 3/4"					
	Out	in							ZG 3/4"					
Unit Dimensions	Drain Pipe (OD)	mm	26								Wireless remote control and wired wall pad optional			
	Unit Dim (L*W*H)	mm	660*660*290								836*836*290			
	Unit Panel Dim (L*W*H)	mm	750*750*45								980*980*45			

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



**NUMBER 3**

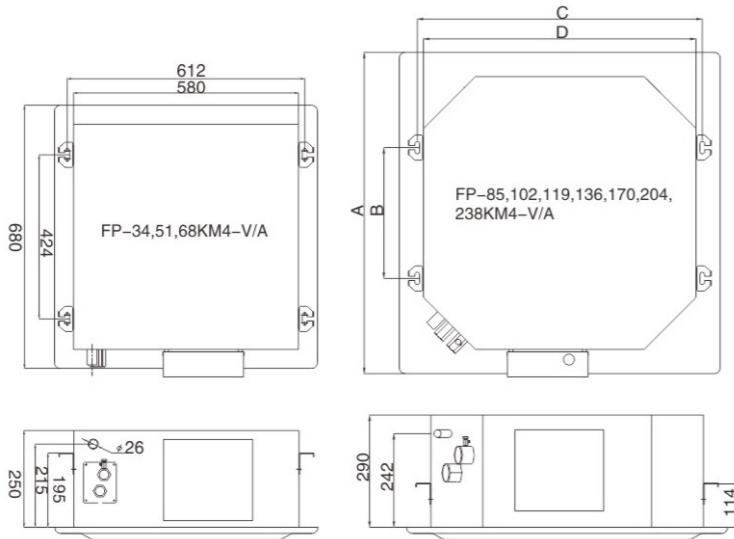
**8-Way Cassette Fan Coil Unit – Series D  
Chilled Water / Cassette Type**

Technical Data														
Model			02	03	04	05	06	07	08	10	12	14		
Air Flow	H	CFM	200	300	400	500	600	700	800	1000	1200	1400		
	M		150	225	300	375	450	525	600	750	900	1050		
	L		100	150	200	250	300	350	400	500	600	700		
Cooling Capacity	H	kW	1.8	2.7	3.6	4.5	5.4	6.3	7.2	9	10.8	12.6		
	M		1.44	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08		
	L		1.08	1.62	2.16	2.7	3.24	3.78	4.32	5.4	6.48	7.56		
Water Flow Rate	gpm	Water Pressure Drop	1.41	2.2	2.69	3.43	4.14	4.84	5.28	7.26	8.15	9.47		
	kPa		30	30	30	30	40	40	40	40	40	50		
	Water Pressure Drop		2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9		
Heating Capacity @ 60 °C	H	kW	2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12		
	M		1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34		
	L		2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9		
Fan	Type	Centrifugal Fan												
	Dia.		mm	Ø 370			Ø 380	Ø 450			Ø 476			
	QTY.			1										
Electric Parameter	Power Supply	220V/1/50	V/Ph/Hz											
	Input Power		w	36	50	60	74	93	112	130	147	183	221	
	Current		A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00	
	Sound Pressure	26	dB(A)	37	39	41	43	45	46	46	48	50	52	
	Water Connection		In	ZG 3/4"										
	Drain Pipe (OD)		mm	ZG 3/4"										
Control Mode			Wireless remote control and wired wall pad optional											
Unit Dim (L*W*H)			mm	660*660*200			660*660*290			760*760*290		836*836*290		
Unit Panel Dim (L*W*H)			mm	750*750*45			850*850*45			980*980*45				

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



4-Way Cassette Fan Coil Unit – Series A  
Chilled Water / Cassette Type



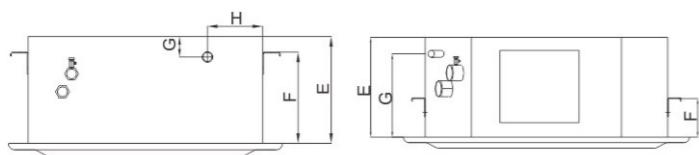
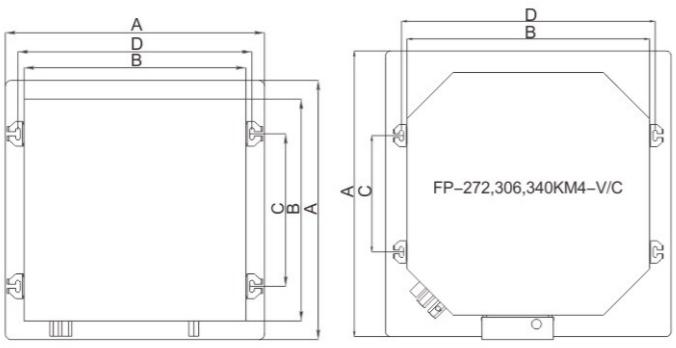
**NUMBER 4**

Technical Data																			
Model			02	03	04	05	06	07	08	10	12	14							
Air Flow	H	CFM	200	300	400	500	600	700	800	1000	1200	1400							
	M		150	225	300	375	450	525	600	750	900	1050							
	L		100	150	200	250	300	350	400	500	600	700							
Cooling Capacity	H	kW	1.8	2.7	3.6	4.5	5.4	6.3	7.2	9	10.8	12.6							
	M		1.44	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08							
	L		1.08	1.62	2.16	2.7	3.24	3.78	4.32	5.4	6.48	7.56							
Water Flow Rate	gpm	Water Pressure Drop	1.41	2.2	2.69	3.43	4.14	4.84	5.28	7.26	8.15	9.47							
	kPa		30	30	30	30	40	40	40	40	40	50							
Heating Capacity @ 60 °C	H	kW	2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9							
	M		2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12							
	L		1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34							
Fan	Type	Centrifugal Fan																	
	Dia.		mm	Ø 315			Ø 380			Ø 476									
	QTY.		1																
Electric Parameter	Power Supply	V/Ph/Hz	220V/1/50																
	Input Power		w	36	50	60	74	93	112	130	147	183							
	Current		A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83							
	Sound Pressure	dB(A)	37	39	41	43	45	46	46	48	50	52							
	Water Connection		In	ZG 3/4"															
	Drain Pipe (OD)		mm	ZG 3/4"															
Control Mode																			
Wireless remote control and wired wall pad optional																			
Unit Dim (L*W*H)			mm	580*580*250			705*705*290			832*832*290									
Unit Panel Dim (L*W*H)			mm	680*680*30			830*830*30			980*980*30									

#### Testing conditions:

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



NUMBER 5

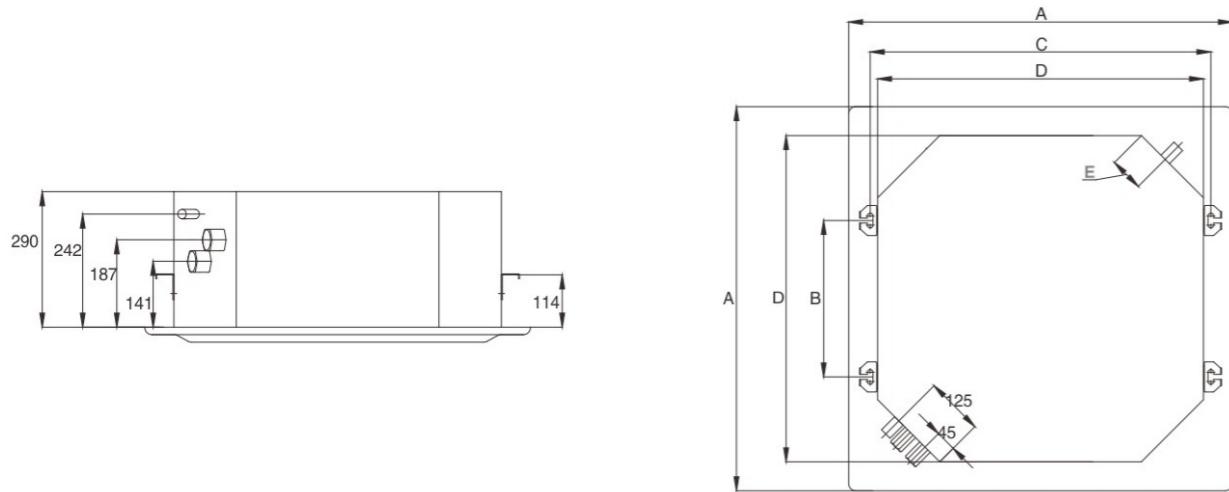
### 4-Way Cassette Fan Coil Unit – Series C Chilled Water / Cassette Type

Technical Data																							
Air Flow		Model	02		03		04		05		06		07		08								
			H	M	CFM	200	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000					
			L			100	150	200	250	300	350	400	500	600	700	800	900	1000					
Cooling Capacity	Total Cooling		H	M	kW	1.8	2.7	3.6	4.5	5.4	6.3	7.2	9	10.8	12.6	14.4	16.2	18					
			M	L		1.44	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08	11.52	12.96	14.4					
			L			1.08	1.62	2.16	2.7	3.24	3.78	4.32	5.4	6.48	7.56	8.64	9.72	10.8					
Water Flow Rate	Water Pressure Drop				gpm	1.41	2.2	2.69	3.43	4.14	4.84	5.28	7.26	8.15	9.47	11.62	13.74	15.59					
					kPa	30	30	30	30	40	40	40	40	40	50	50	50	50					
Heating Capacity @ 60 °C	Total Heating		H	M	kW	2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9	21.6	24.3	27					
			M	L		2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12	17.28	19.44	21.6					
			L			1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34	12.96	14.58	16.2					
Fan	Type														Centrifugal Fan								
	Dia.		mm	Φ 315				Φ 380				Φ 476				Φ 530							
	QTY.															1							
Electric Parameter	Power Supply		V/Ph/Hz													220V/1/50							
	Input Power		w	36	50	60	74	93	112	130	147	183	221	257	294	333							
	Current		A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00	1.17	1.34	1.51							
	Sound Pressure		dB(A)	37	39	41	43	45	46	46	48	50	52	53	54	55							
	Water Connection		In													ZG 3/4"							
	Drain Pipe (OD)		mm													ZG 3/4"							
Control Mode															26								
Unit Dim (L*W*H)															Wireless remote control and wired wall pad optional								
Unit Panel Dim (L*W*H)															827*827*290								
															960*960*290								
															1140*1140*30								

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



**Marine-Grade 4-Way Cassette Fan Coil Unit  
Chilled Water / Cassette Type  
Spiral centrifugal fan with 3-speed motor; 5-speed motor available as option**

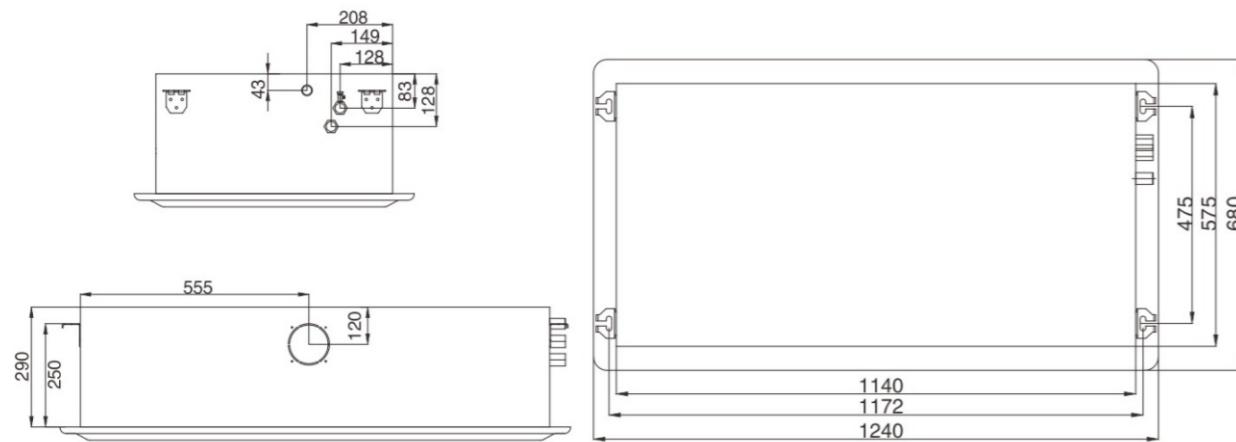
Technical Data								
Model			05	06	08	10	12	14
Air Flow	H	CFM	500	600	800	1000	1200	1400
	M		375	450	600	750	900	1050
	L		250	300	400	500	600	700
Cooling Capacity	H	kW	4.5	5.4	7.2	9	10.8	12.6
	M		3.6	4.32	5.76	7.2	8.64	10.08
	L		2.7	3.24	4.32	5.4	6.48	7.56
Water Flow Rate		gpm	3.43	4.14	5.28	7.26	8.15	9.47
Water Pressure Drop		kPa	30	40	40	40	40	50
Heating Capacity @ 60 °C	H	kW	6.75	8.1	10.8	13.5	16.2	18.9
	M		5.4	6.48	8.64	10.8	12.96	15.12
	L		4.05	4.86	6.48	8.1	9.72	11.34
Fan	Type					Centrifugal Fan		
	Dia.	mm	φ 380			φ 476		
	QTY.		1					
Electric Parameter	Power Supply	V/Ph/HZ	220V/1/50					
	Input Power	w	74	93	130	147	183	221
	Current	A	0.34	0.42	0.59	0.67	0.83	1.00
Sound Pressure			dB(A)	43	45	46	48	50
	Water Connection	In	in	ZG 3/4"				
		Out	in	ZG 3/4"				
	Drain Pipe (OD)		mm	26				
Control Mode				Wireless remote control and wired wall pad optional				
Unit Dim (L*W*H)			mm	705*705*290		832*832*290		
Unit Panel Dim (L*W*H)			mm	830*830*30		980*980*30		

**NUMBER 6**

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



**Standard Unit Configuration:**  
2-Way Cassette Fan Coil Unit – Series A-2  
Chilled Water / Cassette Type



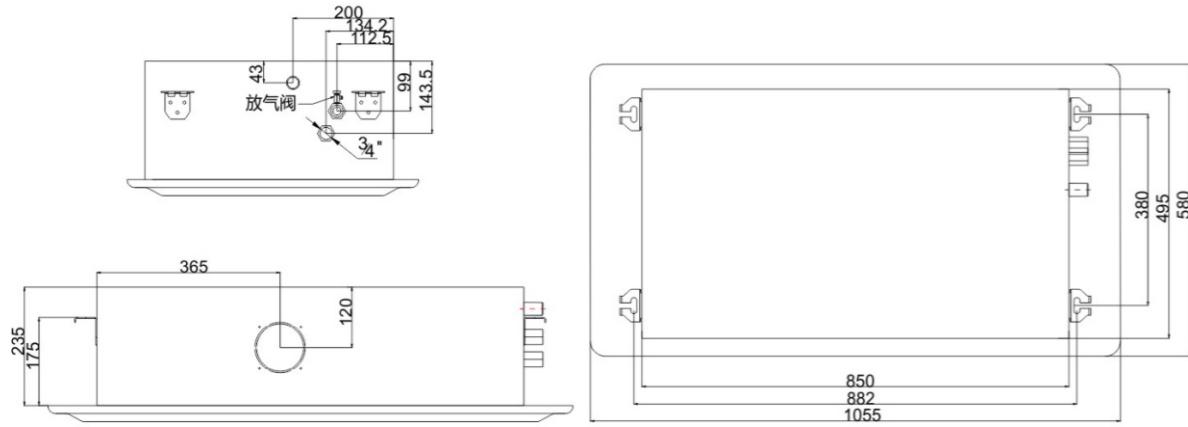
**NUMBER 7**

Technical Data								
Model			03	04	05	06	08	
Air Flow	H	CFM	300	400	500	600	800	
	M		225	300	375	450	600	
	L		150	200	250	300	400	
Cooling Capacity	H	kW	2.7	3.6	4.5	5.4	7.2	
	M		2.16	2.88	3.6	4.32	5.76	
	L		1.62	2.16	2.7	3.24	4.32	
	Water Flow Rate	gpm	2.2	2.69	3.43	4.14	5.28	
	Water Pressure Drop		kPa	30	30	30	40	
Heating Capacity @ 60 °C	H	kW	4.05	5.4	6.75	8.1	10.8	
	M		3.24	4.32	5.4	6.48	8.64	
	L		2.43	3.24	4.05	4.86	6.48	
Fan	Type	Centrifugal Fan						
	Dia.	φ156*175						
	QTY.	2						
Electric Parameter	Power Supply	V/Ph/HZ		220V/1/50				
	Input Power	w		50	60	74	93	130
	Current	A		0.23	0.27	0.34	0.42	0.59
Sound Pressure			dB(A)	39	41	43	45	46
	Water Connection	In	in	ZG 3/4"				
		Out	in	ZG 3/4"				
			mm	26				
Control Mode				Wireless remote control and wired wall pad optional				
Unit Dim (L*W*H)			mm	1140*575*290				
Unit Panel Dim (L*W*H)			mm	1240*680*30				

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



**Standard Unit Configuration:**  
1-Way Cassette Fan Coil Unit – Series A-1  
Chilled Water / Cassette Type

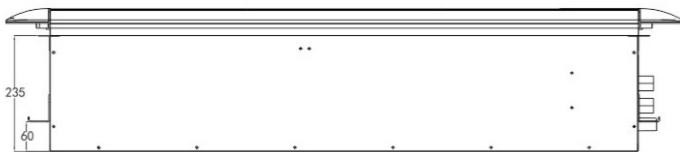
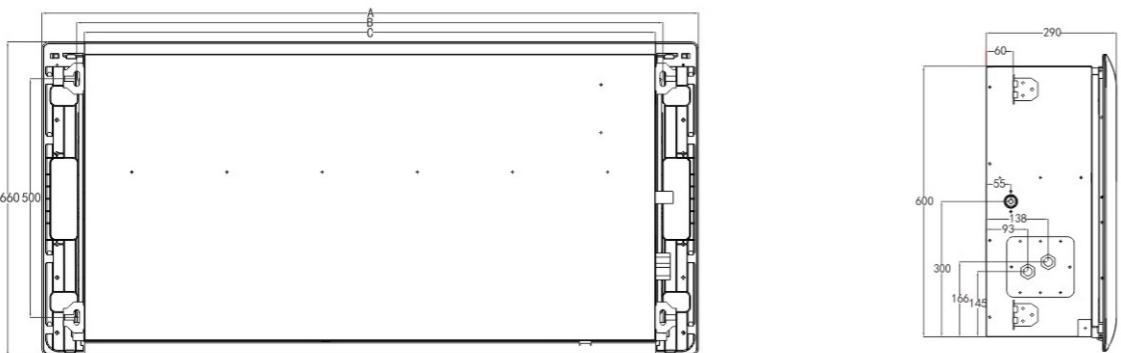
Technical Data								
Model				02	03	04	05	06
Air Flow	CFM	H		200	300	400	500	600
		M		150	225	300	375	450
		L		100	150	200	250	300
Cooling Capacity	Total Cooling	H	kW	1.8	2.7	3.6	4.5	5.4
		M		1.44	2.16	2.88	3.6	4.32
		L		1.08	1.62	2.16	2.7	3.24
Water Flow Rate	Water Pressure Drop		gpm	1.41	2.2	2.69	3.43	4.14
				30	30	30	30	40
				kPa	2.7	4.05	5.4	6.75
Heating Capacity @ 60 °C	Total Heating	H	kW	2.16	3.24	4.32	5.4	6.48
		M		1.62	2.43	3.24	4.05	4.86
		L						
Fan	Type		Centrifugal Fan					
	Dia.	mm	φ156*175					
	QTY.		2					
Electric Parameter	Power Supply	V/Ph/Hz	220V/1/50					
	Input Power	w	36	50	60	74	93	
	Current	A	0.16	0.23	0.27	0.34	0.42	
Sound Pressure		dB(A)	37	39	41	43	45	
	Water Connection	In	ZG 3/4"					
		Out	ZG 3/4"					
	Drain Pipe (OD)	mm	26					
Control Mode				Wireless remote control and wired wall pad optional				
Unit Dim (L*W*H)				850*495*235				
Unit Panel Dim (L*W*H)				1055*580*30				

**NUMBER 8**

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



NUMBER 9

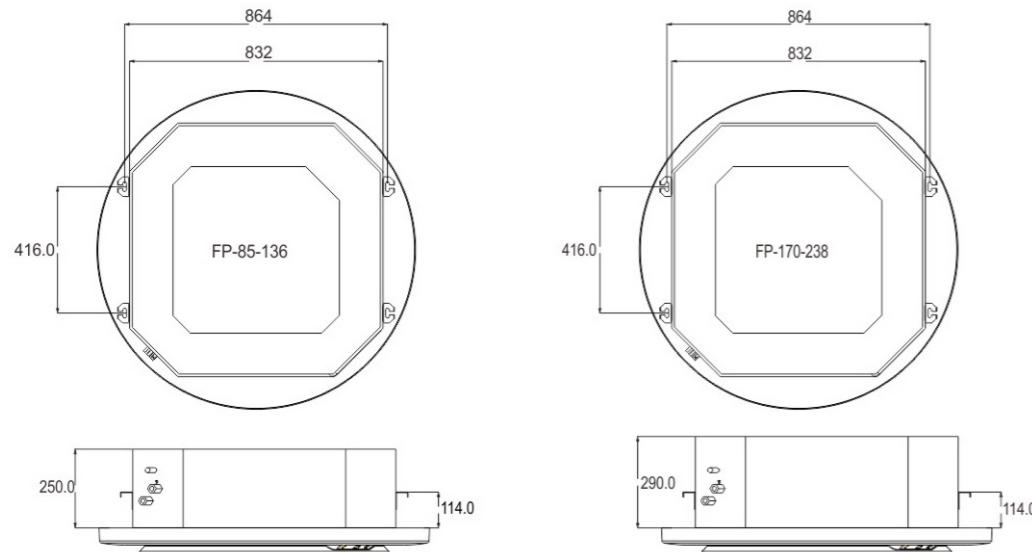
**1-Way Cassette Fan Coil Unit – Series D**  
Chilled Water / Cassette Type

Model		Technical Data																							
		Air Flow			Cooling Capacity			Heating Capacity @ 60 °C			Fan			Electric Parameter											
H	M	L	CFM	Total Cooling			Water Flow Rate			Type			Power Supply												
				H	M	L	gpm	kPa	kW	Centrifugal Fan	220V/1/50			Input Power											
				1.8	2.7	3.6	3.6	30	1.44	φ156*175	w	36	50	60	74	93	112	130	147	183	221				
Cooling Capacity	Water Flow Rate	Water Pressure Drop	kW	H	M	L	gpm	30	1.08	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08	4.32	5.4	6.48	7.56			
				1.08	1.62	2.16	2.69	30	2.16	2.7	3.24	3.78	4.32	5.4	5.76	7.2	8.64	10.08	3.78	4.32	5.4	6.48	7.56		
				Water Pressure Drop	kPa	kW	gpm	30	2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12	4.84	5.28	7.26	8.15	9.47		
Heating Capacity @ 60 °C	Total Heating	Water Flow Rate	kW	H	M	L	gpm	30	1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34	4.05	4.86	5.67	6.48	8.1	9.72	11.34
				1.62	2.43	3.24	4.05	30	2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9	4.05	4.86	5.67	6.48	8.1	9.72	11.34
				Total Heating	Water Flow Rate	Water Pressure Drop	Type	mm	2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9	2.16	3.24	4.32	5.4	6.48	8.1	9.72
Fan	Electric Parameter	Sound Pressure	Control Mode	Fan			Centrifugal Fan			220V/1/50			Wireless remote control and wired wall pad optional			2			4						
				Type	Dia.	QTY.	Water Connection	In	Out	Water Connection	In	Out	Drain Pipe (OD)	mm	ZG 3/4"	ZG 3/4"	26								
				Power Supply	V/Ph/Hz	Current	Power Supply	w	A	Power Supply	w	A	Current	dB(A)	37	39	41	43	45	46	46	48	50	52	
Control Mode	Unit Dim (L*W*H)	Unit Panel Dim (L*W*H)	Control Mode	Control Mode			Unit Dim (L*W*H)	mm	mm	Unit Dim (L*W*H)	mm	mm	Unit Panel Dim (L*W*H)	mm	800*600*235	1200*600*235	1600*600*235	1200*600*235	1380*660*42	1780*660*42	1380*660*42	1780*660*42			
				Wireless remote control and wired wall pad optional	Wireless remote control and wired wall pad optional	Wireless remote control and wired wall pad optional	Wireless remote control and wired wall pad optional	mm	mm	Wireless remote control and wired wall pad optional	mm	mm	Wireless remote control and wired wall pad optional	mm	800*600*235	1200*600*235	1600*600*235	1200*600*235	1380*660*42	1780*660*42	1380*660*42	1780*660*42			
				Wireless remote control and wired wall pad optional	Wireless remote control and wired wall pad optional	Wireless remote control and wired wall pad optional	Wireless remote control and wired wall pad optional	mm	mm	Wireless remote control and wired wall pad optional	mm	mm	Wireless remote control and wired wall pad optional	mm	800*600*235	1200*600*235	1600*600*235	1200*600*235	1380*660*42	1780*660*42	1380*660*42	1780*660*42			

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



NUMBER 10

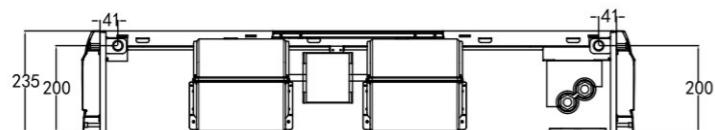
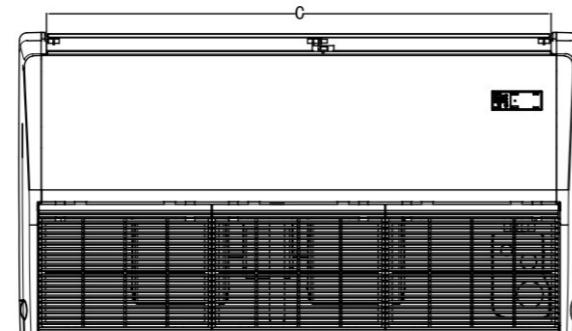
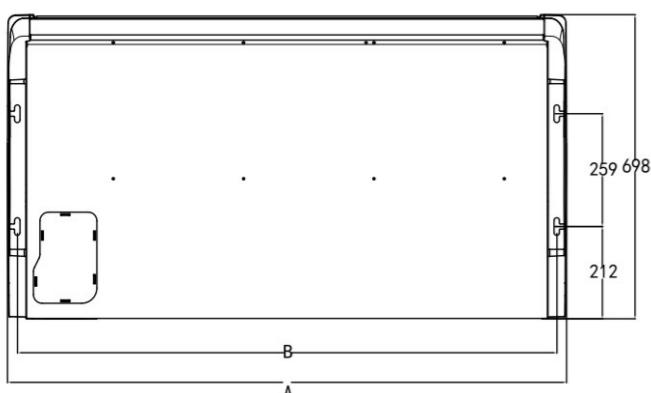
**360° Circular Cassette Fan  
Coil Unit with  
Unobstructed Air  
Distribution  
Chilled Water / Cassette Type  
Spiral centrifugal fan with 3-speed motor; 5-speed motor available as option**

Technical Data									
Model				05	06	08	10	12	14
Air Flow	CFM	H	500	600	800	1000	1200	1400	
		M	375	450	600	750	900	1050	
		L	250	300	400	500	600	700	
Cooling Capacity	Total Cooling	H	4.5	5.4	7.2	9	10.8	12.6	
		M	3.6	4.32	5.76	7.2	8.64	10.08	
		L	2.7	3.24	4.32	5.4	6.48	7.56	
	Water Flow Rate		gpm	3.43	4.14	5.28	7.26	8.15	9.47
Heating Capacity @ 60 °C	Water Pressure Drop	Water Pressure Drop	kPa	30	40	40	40	40	50
		H	kW	6.75	8.1	10.8	13.5	16.2	18.9
		M	kW	5.4	6.48	8.64	10.8	12.96	15.12
		L	kW	4.05	4.86	6.48	8.1	9.72	11.34
Fan	Type			Centrifugal Fan					
	Dia.	mm		$\phi 450$					
	QTY.			$\phi 476$					
Electric Parameter	Power Supply	V/Ph/HZ		220V/1/50					
	Input Power	w	74	93	130	147	183	221	
	Current	A	0.34	0.42	0.59	0.67	0.83	1.00	
Sound Pressure		dB(A)	43	45	46	48	50	52	
	Water Connection	In	in	ZG 3/4"					
		Out	in	ZG 3/4"					
	Drain Pipe (OD)	mm		26					
Control Mode				Wireless remote control and wired wall pad optional					
Unit Dim (L*W*H)			mm	835*835*255			835*835*290		
Unit Panel Dim (L*W*H)			mm	1100*105					

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



Ceiling-Floor Convertible  
Fan Coil Unit  
Chilled Water / Floor Standing Type

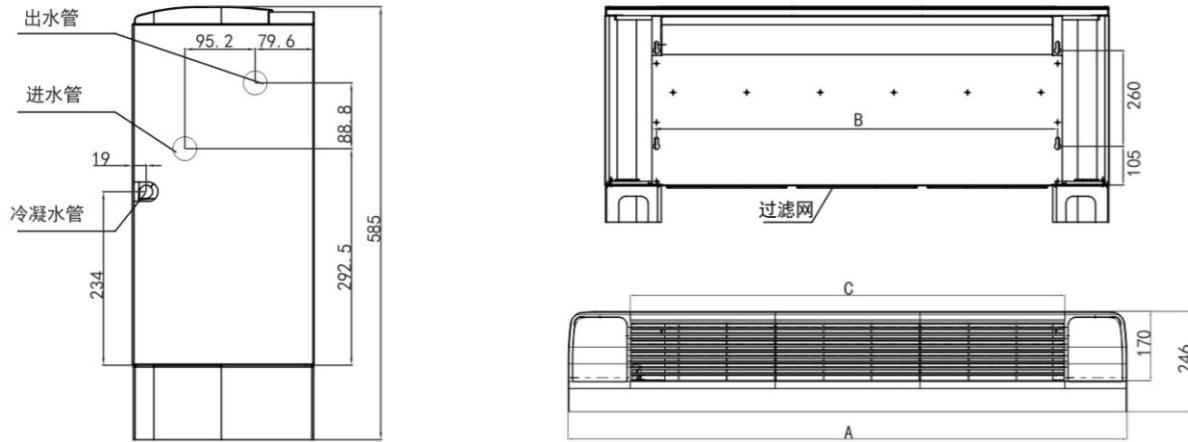
Technical Data													
Air Flow	Model	CFM	02	03	04	05	06	07	08	10	12	14	
			H	200	300	400	500	600	700	800	1000	1200	1400
			M	150	225	300	375	450	525	600	750	900	1050
Cooling Capacity	Total Cooling	kW	H	1.8	2.7	3.6	4.5	5.4	6.3	7.2	9	10.8	12.6
	M	kW	M	1.44	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08
	L	kW	L	1.08	1.62	2.16	2.7	3.24	3.78	4.32	5.4	6.48	7.56
Water Flow Rate	gpm	gpm	1.41	2.2	2.69	3.43	4.14	4.84	5.28	7.26	8.15	9.47	
	Water Pressure Drop	kPa	30	30	30	30	40	40	40	40	40	50	
	Water Pressure Drop	kPa	30	30	30	30	40	40	40	40	40	50	
Heating Capacity @ 60 °C	Total Heating	kW	H	2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9
	M	kW	M	2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12
	L	kW	L	1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34
Fan	Type	Centrifugal Fan											
	Dia.	mm	φ156*175										
	QTY.		2										
Electric Parameter	Power Supply	V/Ph/Hz	220V/1/50										
	Input Power	w	36	50	60	74	93	112	130	147	183	221	
	Current	A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00	
	Sound Pressure	dB(A)	37	39	41	43	45	46	48	50	52		
	Water Connection	In	ZG 3/4"										
	Water Connection	Out	ZG 3/4"										
	Drain Pipe (OD)	mm	26										
	Control Mode	Wireless remote control and wired wall pad optional											
	Unit Dim (L*W*H)	mm	887*698*235										
			1287*698*235										
			1687*698*235										

NUMBER 11

Testing conditions:

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



Vertical Exposed Fan Coil Unit  
Chilled Water / Floor Standing Type

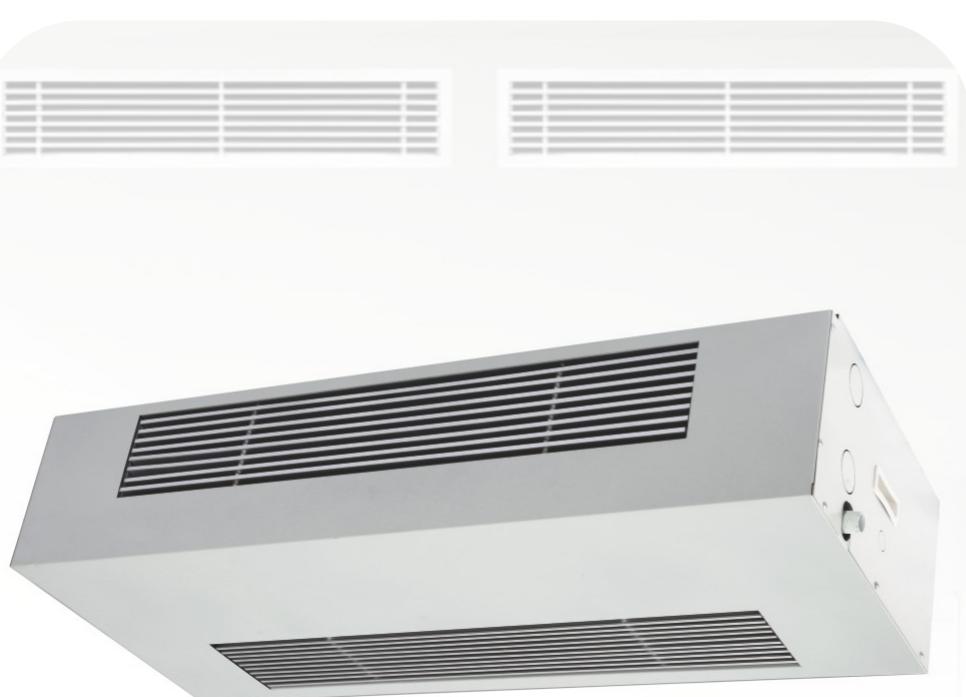
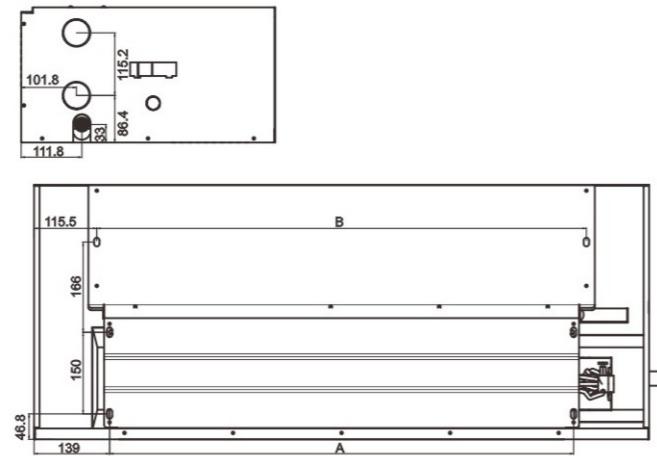
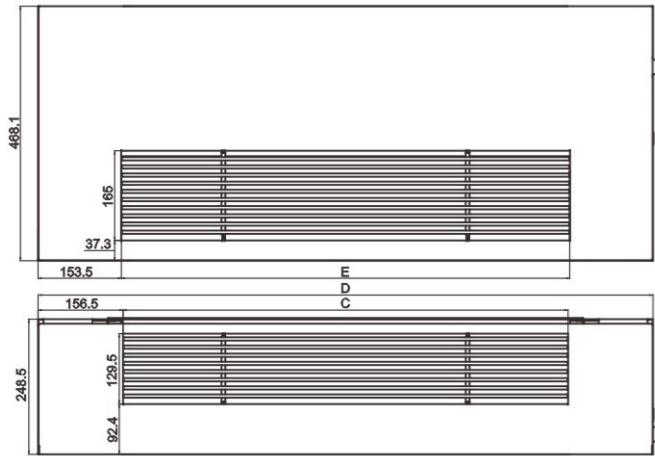
Model			Technical Data												
Air Flow	H	M	CFM	02	03	04	05	06	07	08	10	12	14		
	M	L		200	300	400	500	600	700	800	1000	1200	1400		
	L			150	225	300	375	450	525	600	750	900	1050		
Cooling Capacity	Total Cooling	H	kW	1.8	2.7	3.6	4.5	5.4	6.3	7.2	9	10.8	12.6		
	M	M		1.44	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08		
	L	L		1.08	1.62	2.16	2.7	3.24	3.78	4.32	5.4	6.48	7.56		
	Water Flow Rate		gpm	1.41	2.2	2.69	3.43	4.14	4.84	5.28	7.26	8.15	9.47		
	Water Pressure Drop			kPa	30	30	30	30	40	40	40	40	50		
Heating Capacity @ 60 °C	Total Heating	H	kW	2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9		
	M	M		2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12		
	L	L		1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34		
	Fan	Type		Centrifugal Fan											
Electric Parameter	Dia.	mm	Φ156*175												
	QTY.		1												4
	Power Supply	V/Ph/Hz	220V/1/50												
	Input Power	w	36	50	60	74	93	112	130	147	183	221			
Sound Pressure	Current	A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00			
	dB(A)		37	39	41	43	45	46	46	48	50	52			
	Water Connection	In	ZG 3/4"												
	Out	in	ZG 3/4"												
Control Mode	Drain Pipe (OD)	mm	20												
	Unit Dim (L*W*H)	mm	Wireless remote control and wired wall pad optional												
	Unit Dim Without Base (L*W*H)	mm	1015*584*246												
			1370*584*246												

NUMBER 12

Testing conditions:

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



NUMBER 13

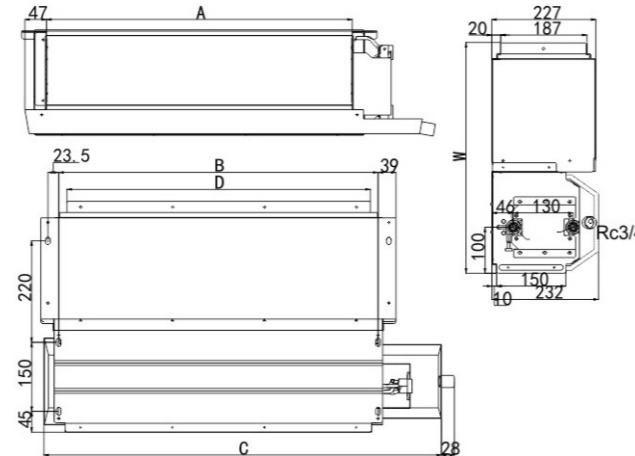
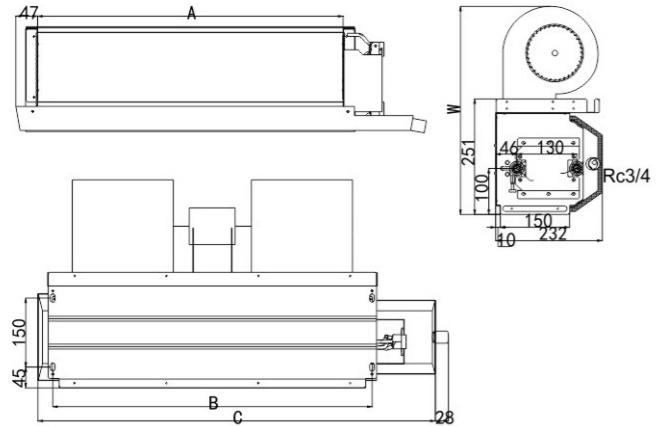
**Horizontal Exposed Fan Coil Unit  
Chilled Water / Ceiling Type**

Technical Data														
Model	CFM													
	H	M	L	02	03	04	05	06	07	08	10	12	14	
	200	300	400	500	600	700	800	1000	1200	1400				
Air Flow	150	225	300	375	450	525	600	750	900	1050				
	100	150	200	250	300	350	400	500	600	700				
	1.8	2.7	3.6	4.5	5.4	6.3	7.2	9	10.8	12.6				
Cooling Capacity	Total Cooling	H	M	L	1.44	2.16	2.88	3.6	4.32	5.04	5.76	7.2	8.64	10.08
		kW			1.08	1.62	2.16	2.7	3.24	3.78	4.32	5.4	6.48	7.56
		gpm			1.41	2.2	2.69	3.43	4.14	4.84	5.28	7.26	8.15	9.47
Water Flow Rate	Water Pressure Drop	kPa	30	30	30	30	40	40	40	40	40	40	50	
					2.7	4.05	5.4	6.75	8.1	9.45	10.8	13.5	16.2	18.9
Heating Capacity @ 60 °C	Total Heating	H	M	L	2.16	3.24	4.32	5.4	6.48	7.56	8.64	10.8	12.96	15.12
		kW			1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.1	9.72	11.34
Fan	Type												Centrifugal Fan	
	Dia.												φ156*175	
	QTY.													
Electric Parameter	Power Supply	V/Ph/HZ											220V/1/50	
	Input Power	w	36	50	60	74	93	112	130	147	183	221		
	Current	A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00		
Sound Pressure		dB(A)	37	39	41	43	45	46	48	50	52			
	Water Connection	In											ZG 3/4"	
		Out	in										ZG 3/4"	
Control Mode	Drain Pipe (OD)	mm											20	
Three-speed switch / Remote control (wired control optional)														
Unit Dim (L*W*H)	A		465	615	695	755	855	1035	1235	1285	1535	1785		
	B	mm	512	662	742	802	902	1082	1282	1332	1582	1832		
	C		430	580	660	720	820	1000	1200	1250	1500	1750		
	D		743	893	973	1033	1133	1313	1513	1563	1813	2063		
	E		436	586	666	726	826	1006	1206	1256	1506	1756		

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



**Standard Unit Configuration:  
Horizontal Concealed Fan Coil Unit  
Chilled Water / Ceiling Type**

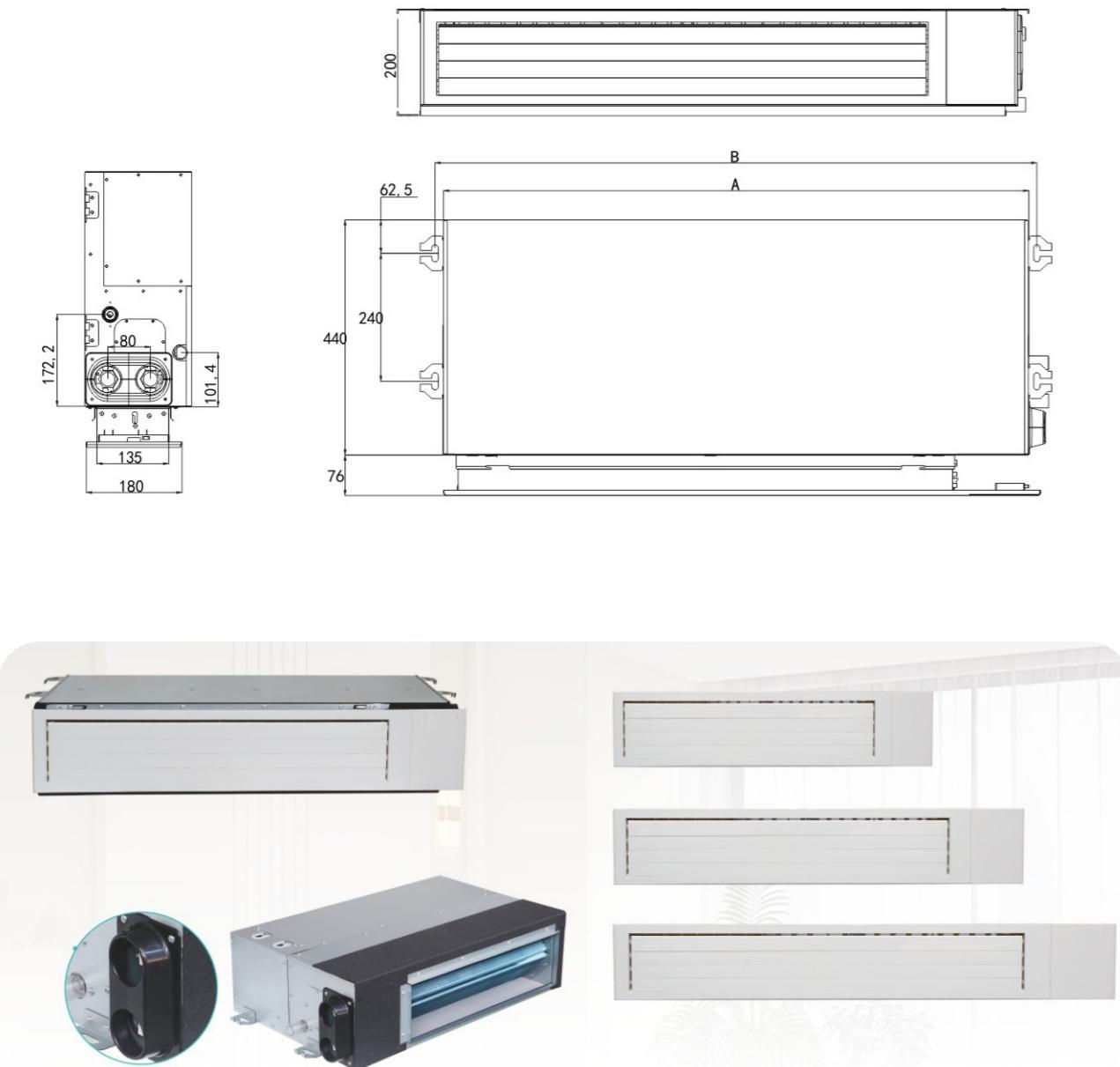
Model			Technical Data													
			02	03	04	05	06	08	10	12	14					
Air Flow			H	M	L	CFM	200	300	400	500	600	800	1000	1200	1400	
							150	225	300	375	450	600	750	900	1050	
							100	150	200	250	300	400	500	600	700	
Cooling Capacity			H	M	L	kW	1.8	2.7	3.6	4.5	5.4	7.2	9	10.8	12.6	
							1.44	2.16	2.88	3.6	4.32	5.76	7.2	8.64	10.08	
Water Flow Rate						gpm	1.41	2.2	2.69	3.43	4.14	5.28	7.26	8.15	9.47	
Water Pressure Drop						kPa	30	30	30	30	40	40	40	40	50	
Heating Capacity @ 60 °C			H	M	L	kW	2.7	4.05	5.4	6.75	8.1	10.8	13.5	16.2	18.9	
							2.16	3.24	4.32	5.4	6.48	8.64	10.8	12.96	15.12	
Total Heating							1.62	2.43	3.24	4.05	4.86	6.48	8.1	9.72	11.34	
Fan			Type	Centrifugal Fan												
			Dia.	φ156*175												
			QTY.	1												
Power Supply			V/Ph/HZ	220V/1/50												
Electric Parameter			12 Pa	36	50	60	74	93	130	147	183	221				
			30 Pa	43	57	70	84	105	151	169	206	245				
			50 Pa	48	64	81	97	114	169	204	243	291				
			12 Pa	0.16	0.23	0.27	0.34	0.42	0.59	0.67	0.83	1.00				
			30 Pa	0.2	0.26	0.32	0.38	0.48	0.69	0.77	0.94	1.11				
			50 Pa	0.2	0.29	0.37	0.44	0.52	0.77	0.93	1.1	1.32				
Sound Pressure			12 Pa	37	39	41	43	45	46	48	50	52	54	56		
			30 Pa	40	42	44	46	47	48	50	52	54	56	54.00		
			50 Pa	42	44	46	47	49	50	52	54	56				
Water Connection			In	in	ZG 3/4"											
			Out	in	ZG 3/4"											
Drain Pipe (OD)			mm											20		
Control Mode				Three-speed switch / Remote control (wired control optional)												
Unit Dim (L*W*H) Without Return Air			A													
			B	435	585	665	725	825	1005	1255	1505	1755				
			C	465	615	695	755	855	1035	1285	1535	1785				
			W	635	785	865	925	1025	1205	1455	1705	1955				
			H	452	452	452	452	452	452	452	452	452				
				232	232	232	232	232	232	232	232					
Unit Dim (L*W*H) With Return Air			A													
			B	435	585	665	725	825	1005	1255	1505	1755				
			C	465	615	695	755	855	1035	1285	1535	1785				
			W	635	785	865	925	1025	1205	1455	1705	1955				
			H	501	501	501	501	501	501	501	501	501				
				232	232	232	232	232	232	232	232					

#### Testing conditions:

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.

**NUMBER 14**



**Concealed Fan Coil Unit**  
Chilled Water / Ceiling Type

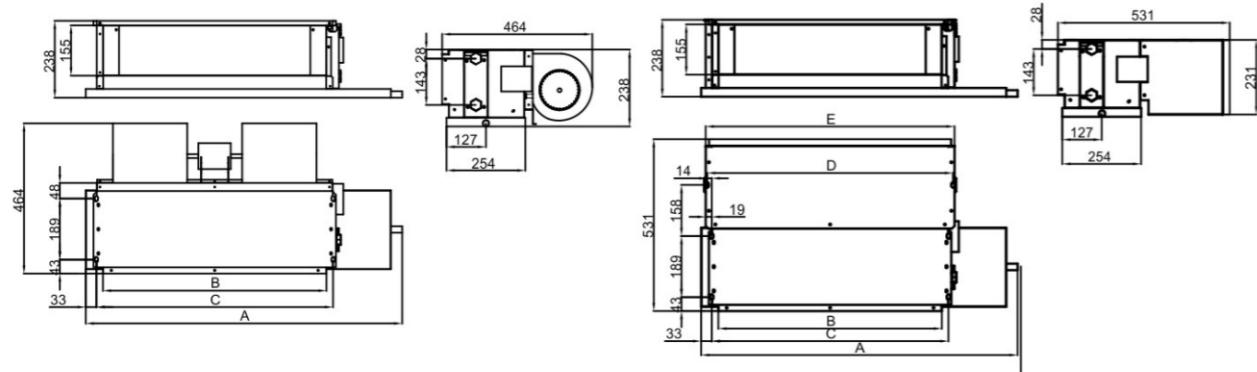
Technical Data							
Model		02	03	04	05	06	08
Air Flow	H	200	300	400	500	600	800
	M	150	225	300	375	450	600
	L	100	150	200	250	300	400
Cooling Capacity	H	1.8	2.7	3.6	4.5	5.4	7.2
	M	1.44	2.16	2.88	3.6	4.32	5.76
	L	1.08	1.62	2.16	2.7	3.24	4.32
Water Flow Rate		gpm	1.41	2.2	2.69	3.43	4.14
		kPa	30	30	30	40	40
Water Pressure Drop	H	2.7	4.05	5.4	6.75	8.1	10.8
	M	2.16	3.24	4.32	5.4	6.48	8.64
	L	1.62	2.43	3.24	4.05	4.86	6.48
Heating Capacity @ 60 °C	Total Heating	kW					
	H		2.7	4.05	5.4	6.75	8.1
	M		2.16	3.24	4.32	5.4	6.48
Fan	L		1.62	2.43	3.24	4.05	4.86
	Type						Centrifugal Fan
	Dia.	mm					φ145*145
Electric Parameter	QTY.				2		3
	Power Supply	V/Ph/HZ					220V/1/50
	Input Power	w	36	50	60	74	93
Sound Pressure	Current	A	0.16	0.23	0.27	0.34	0.42
		dB(A)	37	39	41	43	45
							46
Control Mode	Water Connection	In	in				ZG 3/4"
		Out	in				ZG 3/4"
	Drain Pipe (OD)		mm				26
Control Mode				Wireless remote control and wired wall pad optional			
Unit Dim (L*W*H)		mm	700*440*200	900*440*200	1100*440*200		

**NUMBER 15**

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



High Airflow Horizontal  
Concealed Fan Coil Unit  
Chilled Water / Ceiling Type



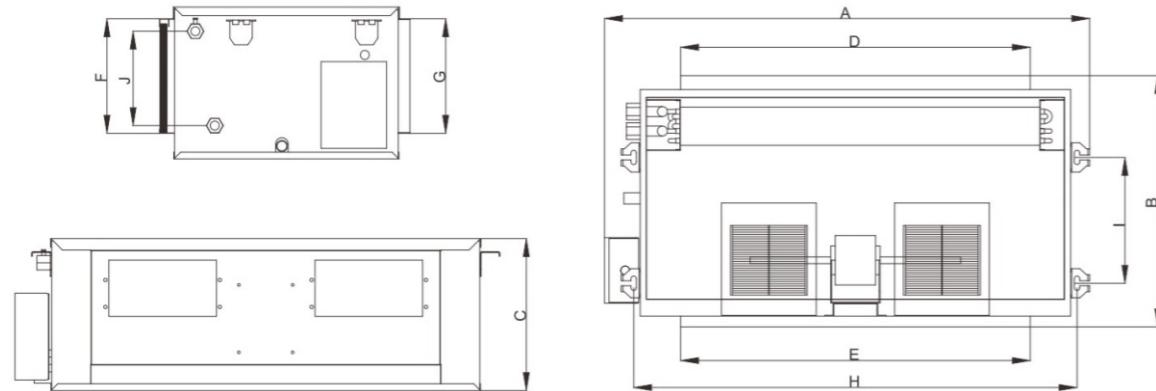
Model			Technical Data												
Air Flow		CFM	02	03	04	05	06	08	10	12	14				
			200	300	400	500	600	800	1000	1200	1400				
			150	225	300	375	450	600	750	900	1050				
Cooling Capacity	Total Cooling	H	1.8	2.7	3.6	4.5	5.4	7.2	9	10.8	12.6				
		M	1.44	2.16	2.88	3.6	4.32	5.76	7.2	8.64	10.08				
	Water Flow Rate	L	1.08	1.62	2.16	2.7	3.24	4.32	5.4	6.48	7.56				
			gpm	1.41	2.2	2.69	3.43	4.14	5.28	7.26	8.15	9.47			
Heating Capacity @ 60 °C	Water Pressure Drop		kPa	30	30	30	40	40	40	40	50				
		H		2.7	4.05	5.4	6.75	8.1	10.8	13.5	16.2	18.9			
	Total Heating	M	kW	2.16	3.24	4.32	5.4	6.48	8.64	10.8	12.96	15.12			
		L		1.62	2.43	3.24	4.05	4.86	6.48	8.1	9.72	11.34			
Fan	Type			Centrifugal Fan											
	Dia.		mm	Φ156*175											
	QTY.			1	2		3	4							
	Power Supply		V/Ph/HZ	220V/1/50											
Electric Parameter	Input Power	12 Pa	W	67	90	112	126	147	237	286	340	408			
		30 Pa		57	77	95	100	121	201	243	289	347			
		50 Pa		40	54	75	82	95	141	170	202	243			
	Current	12 Pa	A	0.31	0.41	0.51	0.57	0.67	1.08	1.31	1.54	1.85			
		30 Pa		0.26	0.35	0.43	0.45	0.55	0.92	1.23	1.3	1.58			
		50 Pa		0.18	0.24	0.34	0.37	0.43	0.64	0.76	0.92	1.11			
	Sound Pressure	12 Pa	dB(A)	43	45	47	48	50	52	53	55	57			
		30 Pa		39	41	42	44	46	48	49	50	52			
		50 Pa		35	36	38	39	40	43	44	45	46			
	Control Mode	In	in	ZG 3/4"											
		Out	in	ZG 3/4"											
		Drain Pipe (OD)	mm	RC 3/4"											
Unit Dim (L*W*H) Without Return Air		A	mm	739	879	979	1059	1159	1489	1589	1789	1939			
		B		464	464	464	464	464	464	464	464	464			
		C		238	238	238	238	238	238	238	238	238			

NUMBER 16

Testing conditions:

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.



**High Static Pressure Fan  
Coil Unit  
Chilled Water / Ceiling Type**

Technical Data																
Model			06	09	12	14	20	22	24	30						
Air Flow	H	CFM	600	900	1200	1400	2000	2200	2400	3000						
	M		525	700	1000	1200	1600	1600	2000	2400						
	L		400	550	750	850	1200	1200	1450	1600						
Cooling Capacity	H	kW	6.4	9.1	12.6	15.1	19.8	22.2	25.6	32.6						
	M		5.9	7.8	10.8	12.9	17	18.1	21.9	26.6						
	L		4.8	6.4	8.8	10.5	13.8	14.7	17.8	21.5						
Water Flow Rate	gpm	Water Pressure Drop	4.91	6.97	9.51	11.41	15.06	16.8	19.34	24.73						
	kPa		11.2	19.2	25.1	36.2	43.2	54.8	56.1	93.4						
	Water Pressure Drop		9.8	13.7	18.8	22.6	29.7	33.3	38.3	48.9						
Heating Capacity @ 60 °C	H	kW	8.9	11.7	16.1	19.3	25.5	27.2	32.8	39.8						
	M		7.2	9.6	13.1	15.7	20.7	22.1	26.7	32.2						
	L		7.2	9.6	13.1	15.7	20.7	22.1	26.7	32.2						
Fan	Type	Forward Curved Centrifugal Fan														
	Dia.	mm	200/190			225/200			225/250							
	QTY.		2													
Electric Parameter	Power Supply	V/Ph/HZ														
	Input Power	W	368	460	564	650	845	934	1128	1445						
	Current		A	1.71	2.13	2.62	3.01	3.92	4.33	5.23	6.7					
Sound Pressure			dB(A)													
	Water Connection	In	in	ZG 3/4"			ZG 1"									
	Out	in		G 3/4"												
	Drain Pipe (OD)	mm	G 3/4"													
Unit Dim (L*W*H) Without Return Air			A	mm	1090	1190	1290	1450	1490	1620	1640	1970				
			B		568	568	568	688	688	863	863	863				
			C		340	340	390	390	450	450	500	500				

**NUMBER 17**

**Testing conditions:**

Cooling: Entering air temperature (DBT/WBT): 80/67°F (26.7/19.4°C). Entering/Leaving water temperature: 45/55°F (7°C / 12°C).

Heating: Entering air temperature: 68°F (20°C). Entering/Leaving water temperature: 140/120°Fn (60/50°C), same water flow rate as for the cooling.