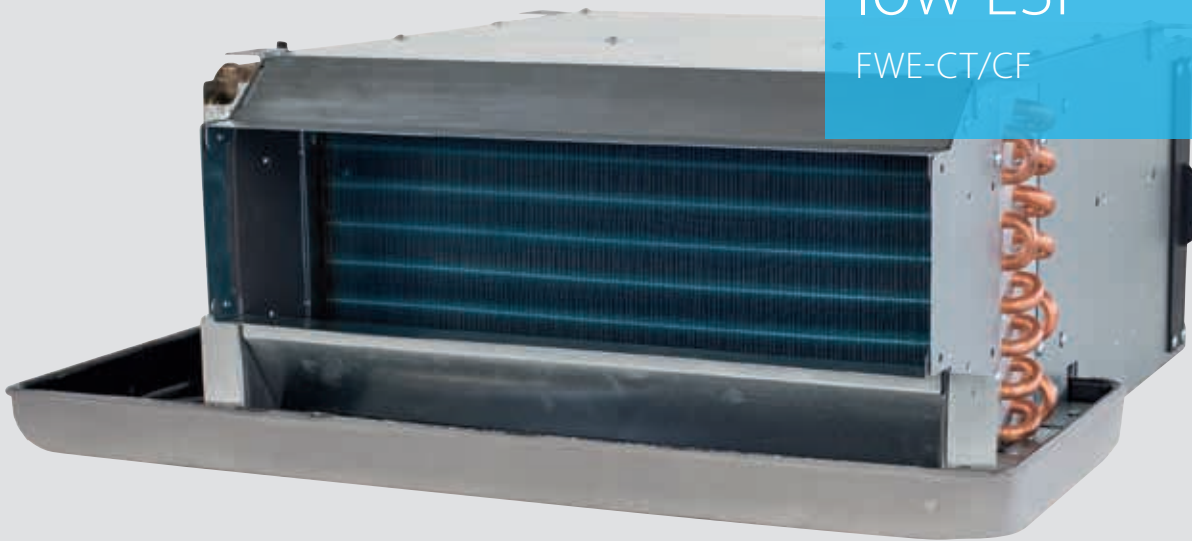


Concealed ceiling unit with low ESP

FWE-CT/CF



AC fan motor unit for horizontal concealed mounting

- › Easy installation and maintenance
- › 4-speed fan motor
- › High power air flow
- › Wired electronic controllers range
- › Available static pressure up to 50Pa
- › Extended drain pan as standard
- › Factory mounted valve (both left and right side)

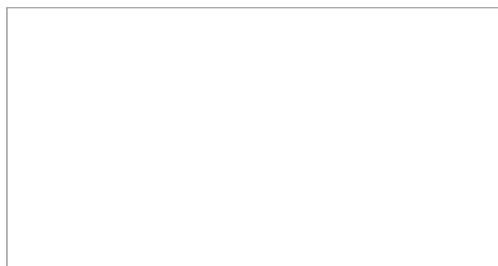
FWE-CT/CF



FWE-CT/CF				02	03	04	06	07	08	10	02	03	04	06	07	08	10		
				2-pipe						4-pipe									
Cooling capacity	Total capacity	Super high	kW	2.17	3.22	4.34	6.06	6.83	7.84	9.96	2.10	3.16	3.98	6.05	6.78	7.79	9.91		
		High	kW	1.81	2.78	3.49	5.32	5.68	6.92	8.64	1.76	2.69	3.22	5.20	5.61	6.79	8.61		
	Sensible capacity	Super high	kW	0.90	1.40	1.80	2.80	3.10	3.90	4.90	0.85	1.40	1.63	2.72	3.10	3.88	4.88		
		High	kW	1.61	2.44	3.27	4.55	4.83	6.02	7.58	1.55	2.37	3.19	4.49	5.16	5.91	7.45		
Heating capacity	2-Pipe	Super high	kW	1.33	2.08	2.58	3.94	4.30	5.25	6.48	1.28	1.99	2.53	3.81	4.20	5.09	6.39		
		High	kW	0.70	1.20	1.40	2.10	2.50	3.10	3.70	0.66	1.18	1.35	2.02	2.47	3.05	3.65		
		Low	kW	2.79	4.28	5.61	7.66	9.26	10.50	13.00									
	4-Pipe	Super high	kW	2.31	3.67	4.44	6.65	7.62	9.18	11.10									
		High	kW	1.20	2.00	2.30	3.40	4.40	5.30	6.30									
		Low	kW								2.3	3.53	4.56	6.17	7.6	8.52	10.4		
			kW								1.94	3.06	3.76	5.37	6.42	7.52	9.16		
			kW								1.02	1.72	2.03	2.88	3.92	4.59	5.42		
Power input	Super high	W	46	69	83	119	163	181	230	46	69	83	119	163	181	230			
	High	W	39	54	59	93	128	145	180	39	54	59	93	128	145	180			
	Low	W	29	40	42	60	89	102	121	29	40	42	60	89	102	121			
Dimensions	Unit	Height	mm	253															
		Width	mm	590															
		Depth	mm	705	875	1,005	1,205	1,455	1,555	1,815	705	875	1,005	1,205	1,455	1,555	1,815		
Weight	Unit	kg	17	20	24	28	37	39	46	18	22	25	30	40	41	49			
	Operation weight	kg	17	20	24	28	37	39	46	18	22	25	30	40	41	49			
Heat exchanger	Water volume	l	0.74	1.02	1.24	1.56	1.97	2.14	2.56	0.74	1.02	1.24	1.56	1.97	2.14	2.56			
Additional heat exchanger	Water volume	l	-						0.25	0.34	0.41	0.52	0.66	0.71	0.85				
Water flow	Cooling	l/h	360	540	756	1,044	1,188	1,368	1,728	360	540	720	1,044	1,188	1,332	1,728			
	Heating	l/h	252	360	504	684	828	936	1,188										
	Additional heat exchanger	l/h	-						108	180	216	324	432	468	576				
Water pressure drop	Additional heat exchanger	kPa	-						3.6	8.8	15.6	31.8	58.6	74.6	123				
Fan	Type	Centrifugal (Blade: Forward - curve)																	
	Quantity			1		2		3		4		1		2		3		4	
	Air flow rate	Super high	m³/h	430	638	910	1,195	1,559	1,753	2,177	416.13	626.11	834.52	1,193.03	1,547.59	1,741.82	2,166.07		
		High	m³/h	311	518	619	926	1,188	1,413	1,735	302.41	501.23	571.11	905.11	1,173.36	1,386.46	1,728.98		
Low		m³/h	150	256	284	426	569	688	808	142	256	257.48	414.34	569	684.16	804.37			
Sound power level	Super high	dB(A)	51	61	58	62	64	65	51	61	58	62	64	65					
	High	dB(A)	49	56	48	55	57	58	60	49	56	48	55	57	58	60			
Sound pressure level	Super high	dB(A)	41	51	48	52	54	55	41	51	48	52	54	55					
	High	dB(A)	39	46	38	45	47	48	39	46	38	45	47	48	49				
Piping connections	Drain	mm	19.05																
Water connections	Std. heat exchanger	inch	3/4																
	Add. heat exchanger	inch	-						3/4										
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240																
Current input	Super high	A	0.206	0.309	0.372	0.533	0.731	0.811	1.031	0.206	0.309	0.372	0.533	0.731	0.811	1.031			
	High	A	0.174	0.243	0.265	0.430	0.575	0.648	0.780	0.174	0.243	0.265	0.430	0.575	0.648	0.780			
	Medium	A	0.150	0.208	0.217	0.325	0.472	0.523	0.648	0.150	0.208	0.217	0.325	0.472	0.523	0.648			
	Low	A	0.128	0.177	0.188	0.271	0.400	0.456	0.540	0.128	0.177	0.188	0.271	0.400	0.456	0.540			
Control systems	Wired remote control		FWE1A / FWE2A / FWE3A																

(l) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; ambient air temp. 35°C; full load operation.

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