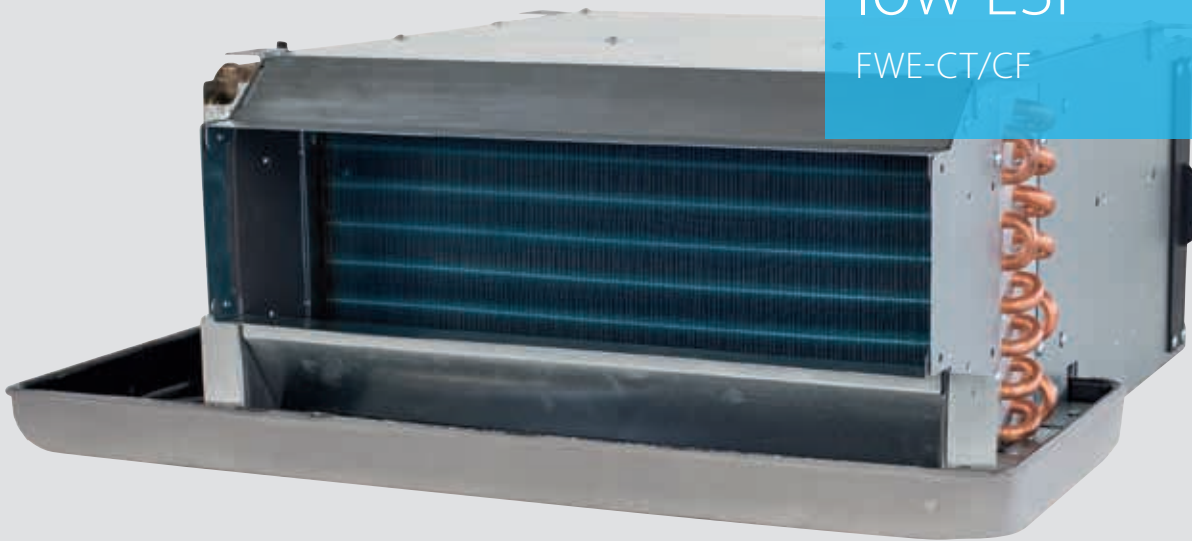


Concealed ceiling unit with low ESP

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		
	Power input	Super high	W	39	54	59	93	128	145	180	39	54	59	93	128	145	180		
		High	W	29	40	42	60	89	102	121	29	40	42	60	89	102	121		
Low		W																	
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	Operation weight	kg	17	20	24	28	37	39	46	18	22	25	30	40	41	49		
		Water volume	l	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	Heating	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	Quantity	Air flow rate	Centrifugal (Blade: Forward - curve)															
				1				2				3				4			
				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
Sound power level	Super high	High	Low	m³/h	150	256	284	426	569	688	808	142	256	257.48	414.34	569	684.16	804.37	
			Super high	dBA	51	61	58	62	64	65	51	61	58	62	64	65			
			High	dBA	49	56	48	55	57	58	60	49	56	48	55	57	58	60	
Sound pressure level	Super high	High	Super high	dBA	41	51	48	52	54	55	41	51	48	52	54	55			
			High	dBA	39	46	38	45	47	48	49	39	46	38	45	47	48	49	
Piping connections	Drain	OD	mm	19.05															
Water connections	Std. heat exchanger	Add. heat exchanger	inch	3/4															
			inch	-							3/4								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240																
Current input	Super high	High	Medium	Low	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
					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
					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
					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		FWEC1A / FWEC2A / FWEC3A																

(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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