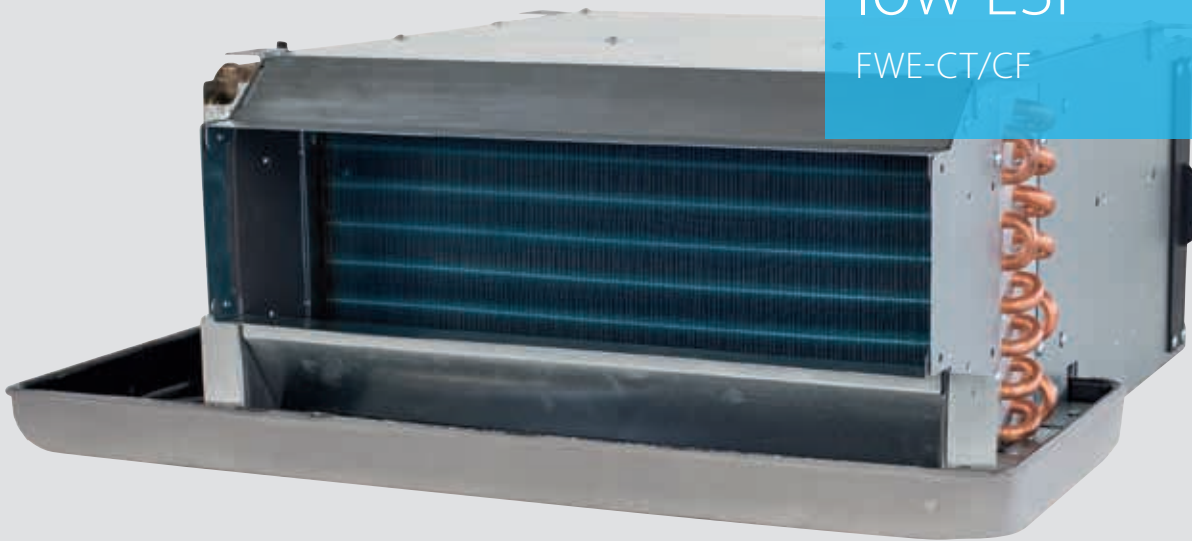


## Concealed ceiling unit with low ESP

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	
		Low	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	
	Sensible capacity	Super 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	
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		
Low		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		
Heating capacity	2-Pipe	Super high	kW	2.79	4.28	5.61	7.66	9.26	10.50	13.00	-							
		High	kW	2.31	3.67	4.44	6.65	7.62	9.18	11.10	-							
		Low	kW	1.20	2.00	2.30	3.40	4.40	5.30	6.30	-							
	4-Pipe	Super high	kW	-						2.3	3.53	4.56	6.17	7.6	8.52	10.4		
		High	kW	-						1.94	3.06	3.76	5.37	6.42	7.52	9.16		
		Low	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				
	Air flow rate	Super high	m <sup>3</sup> /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	m <sup>3</sup> /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		m <sup>3</sup> /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	49	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	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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ECPEN15-494 03/15



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